AECOM Environment

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2nd Semiannual Voluntary Remediation Program Progress Report

Former Georgia Department of Transportation District 4 Maintenance Headquarters and Lott Lumber Property (HSI #10025)

August 2018

213 Walker Street
Douglas, Coffee County
Georgia



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Prepared By: John-Paul Vigil, E.I.T.

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GEORGIA REGISTERED PROFESSIONAL GEOLOGIST

Reviewed By: Felix Nchako, P.G.

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Acronyms and Abbreviations

µg/L	micrograms per liter
AES	Analytical Environmental Services
bgs	below ground surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
°C	Degrees Celsius
CFS	Cubic feet per second
COI	Constituent of Interest
CSM	Conceptual Site Model
CSR	Compliance Status Report
DNR	Department of Natural Resources
EPD	Environmental Protection Division
Ft	Feet
Ft/ft	Feet per foot
Ft^3/s	Feet cubed per second
GDOT	Georgia Department of Transportation
HSI	Hazardous Site Inventory
HSRA	Hazardous Site Response Act
ISCO	In Situ Chemical Oxidation
mg/L	Milligrams per liter
MNA	Monitored Natural Attenuation
mS/cm	MilliSiemens per centimeter
mv	Millivolts
NTU	Nephelometric Turbidity Unit
PAH	Polycyclic Aromatic Hydrocarbon
POD	Point of Demonstration
POE	Point of Exposure
RCRA	Resource Conservation and Recovery Act
RRS	Risk Reduction Standards
Rules	Rules for Hazardous Site Response (Section 391-3-19-.07)
SIM	Selective Ion Monitoring
SU	Standard Units
SVOC	Semi-Volatile Organic Compound
UCL	Upper Confidence Limit
UEC	Uniform Environmental Covenant
US EPA	United States Environmental Protection Agency
VIRP	Voluntary Investigation and Remediation Plan
VOC	Volatile Organic Compound
VRP	Voluntary Remediation Program

1 Introduction

The purpose of this 2nd Semiannual Voluntary Remediation Program (VRP) Progress Report is to discuss the current site conditions and any actions taken since the previous reporting period (September 2017) for the Former Georgia Department of Transportation (GDOT) District 4 Maintenance Headquarters Site (Site). This report has been prepared by AECOM on behalf of GDOT for submittal to the Response and Remediation Program of the Land Protection Branch of the Georgia Environmental Protection Division (EPD). The Site is listed on EPD's Hazardous Site Inventory (HSI) as Site No. 10025. Two off-site properties (Lott and Sharma Hospitality) are also sub-listed under HSRA. However, the GDOT and Lott parcels are now regulated under the GA VRP. This report also describes the groundwater sampling and monitoring work performed pursuant to the Georgia Rules for Hazardous Site Response (the Rules) for the Site.

1.1 Background

The Site was accepted into the VRP on June 30, 2017. EPD approved the voluntary remediation plan, which specified corrective action consisting of the following:

- Certification to applicable Risk Reduction Standards (RRS) for soil on the qualifying property.
- Conduct groundwater monitoring for two years to verify the effectiveness of prior In Situ Chemical Oxidation (ISCO) using a Modified Fenton's Reagent in support of Monitored Natural Attenuation (MNA) as a post ISCO remedy.
- Investigation of surface water and sediment impacts from groundwater discharging into the surface water drainage feature on the eastern border of the property.
- Execution of a uniform environmental covenant as an institutional control to ensure future control of site related exposure pathways.

In addition, because regulated substance(s) are also detected on the Lott property, GDOT updated the VRP application to include the affected Lott property as a qualifying property under the Act. A third parcel owned by Sharma Hospitality is listed as part of Hazardous Site Inventory (HSI) #10025 but is not included in the VRP Property.

1.2 Site Location and Description

The Walker Street site is a 13.6-acre property located in Douglas, Coffee County, Georgia (**Figure 1**) (the Site). It is bounded by Walker Street to the south, drainage ditches to the east and north, and the City of Douglas bike path on the west. **Figure 2** shows the parcels comprising the Site. The Site is relatively flat with the greatest amount of relief at the drainage

ditch located on the eastern side of the Site. Currently, the Site is grassed with scattered pine trees and is completely surrounded by a 10-foot security fence. Prior to remedial activities, approximately 11 buildings were present, as well as two roofed sheds, a washing shed, and two wooden loading docks. The two off-site properties (Sharma Hospitality and the Lott Property) were included in HSI #10025 as associated with the Site.

1.3 Site History and Use

The Site was historically used since the 1950s to provide maintenance support to the Georgia Department of Transportation (GDOT) 13-county District 4 area. According to GDOT, past operations included wood preserving, asphalt manufacturing, heavy equipment and vehicle repairs, sign manufacturing, and painting. Wood treating was reportedly done only with creosote and only in the central part of the Site. The treated wood was stored on bare ground (i.e., without a drip pad) in the northern section of the property. The Site was also used for storage of materials and products needed to support highway maintenance activities. GDOT discontinued use of the Site and deeded the property to Coffee County, which subsequently transferred ownership to Mr. Francis Lott in 1990. After 1990, the only activities at the Site included the storage of building materials in the former Automotive Shop and the operation of a feed and seed store at the former Heavy Maintenance Headquarters. The property was reacquired by GDOT in 2001.

1.4 Adjacent Properties Information

The surrounding land uses and distance to residential property are as follows:

North	Commercial and light-industrial. Residential land use is greater than one mile north of the subject property. The Lott Property adjoins the Site to the north and northeast of the Site. The Lott Property is located at 1201 North Peterson Avenue, Douglas, GA 31533.
East	Commercial. Residential land use is approximately 600 feet east of the subject property. Sharma Hospitality adjoins the Site to the east.
South	Walker Street, followed by retail land use. The closest residential land use is approximately 100 feet southwest of the subject property.
West	Bicycle path followed by commercial and light-industrial structures. Residential property is located approximately 675 feet west of the subject property.

1.5 Report Organization

This report presents the investigation and remedial status during the second semiannual reporting period of the Site since entering the Voluntary Remediation Program (VRP). Section

2 discusses activities completed during the fourth quarter of 2017 and the first quarter of 2018, including a GDOT property ISCO corrective action performance monitoring. Section 3 presents the project schedule, including planned upcoming activities at the Site. Section 4 summarizes the professional service hours for the current reporting period. Section 5 provides references.

While comments from EPD have not been received since the submittal of the 1st Semiannual VRP Progress Report (AECOM, 2018), **Appendix A** has been reserved for correspondences with EPD, including response to EPD's review comments.

2 Activities Performed During Second Semiannual Progress Period through the End of March 2018

Between October 2017 and March 2018, activities performed at the Site have included two performance monitoring events, and the gauging of the eastern drainage ditch, as discussed below.

2.1 ISCO Performance Monitoring on GDOT Property – Five Quarters Post Full-Scale Injection

A total of 13 designated groundwater monitoring wells were sampled during the December 2017 and March 2018 performance monitoring sampling events in order to assess the performance of the in situ chemical oxidation (ISCO) performance monitoring wells.

2.1.1 ISCO Performance Monitoring Sampling

Between March 17 and June 27, 2015, two ISCO injection events were conducted on the GDOT property to treat the elevated BTEX and PAH impacts to the groundwater. Reagent injections were completed across three treatment areas covering approximately 83,900 square feet. A total of 623 injection screens were installed during the two injection events. Approximately 166,340 gallons of reagent (catalyst and oxidizer combined) were injected into the subsurface. **Figure 3** illustrates the ISCO injection areas and dissolved naphthalene plume extents prior to the injection. A full description of the ISCO injection events is described in the previous groundwater monitoring report (AECOM 2016). Thirteen (13) groundwater monitoring wells (GW-20S, GW-20I, GW-24I, GW-27I, GW-28I, GW-29S, GW-31I, GW-32I, GW-33I, GW-41S, G-42I, GW-43I, and GW-44I) were designated as performance monitoring wells and have been sampled on an approximately quarterly basis, including during the December 2017 and March 2018 sampling events. The Site well locations are presented on **Figure 4**.

During the groundwater sampling events completed during this reporting period, the wells were gauged to determine groundwater elevation. The well construction data and groundwater elevations to date are provided in **Table 1**. The wells were then sampled using either low-flow / low-stress (preferred method) or low-flow / low-volume (micro-purge method) groundwater sampling techniques. Groundwater purge and sampling was performed in accordance with the US EPA Region IV Science and Ecosystem Support Division's groundwater sampling procedures (SESPROC-301-R4). Purge rates were set between approximately 0.5 and 1.0 liters per minute. Based on previous communications with the GA EPD, in cases where water levels were dropping during purging, a minimum of three well volumes were purged prior

to sampling. If the well went dry before three well volumes were purged, AECOM waited (only as long as recharge takes – not overnight) and then collected the sample upon recharge. For wells where the low-flow / low-volume purge was possible, the following procedures were followed:

a. Periodic readings of field parameters, including pH, temperature, conductivity, and turbidity, were collected and included on field groundwater sampling forms.

b. The amount of water purged and time between analyses of field parameters were recorded to assess any trends that may be occurring in the field parameters and to determine if a parameter was stable.

c. A parameter was considered stable when the last three readings met the following stability criteria with the exception of turbidity:

- Water level ± 0.01 foot
- Temperature ± 0.1°C (degrees Celsius)
- pH ± 0.02 SU (standard unit)
- Eh (redox potential) ± 2 mV (millivolt)
- Dissolved Oxygen ± 0.2 mg/L (milligrams per liter)
- Conductivity ± 0.2 mS/cm (milliSiemens per centimeter)
- Turbidity ± 10%

d. Where possible, turbidity was brought below 10 NTUs prior to sampling; however, it should be noted that 10 NTUs could not be achieved in some of the wells. The sampling crew ensured that the stability of the water table was within 0.1 foot for the last three readings. Water level measurements were periodically collected along with field parameters to show that the water table had stabilized, and that water intake from purging was equal to the well recharge rate.

Information regarding the type of pump used, speed of the pump, and type of tubing are contained in **Appendix B**. Wells were sampled using peristaltic pumps, and all sampling equipment in contact with sample media was decontaminated prior to use. Due to the use of disposable tubing and peristaltic pumps for the sampling, decontamination was only required for the water level indicator between wells. Field equipment cleaning and decontamination procedures were carried out in accordance with SESDPRDC-205-R3.

Collected groundwater samples were kept on ice and delivered to Analytical Environmental Services, Inc. (AES) Laboratory in Atlanta, GA under chain-of-custody for analysis for BTEX via

Method 8260B, PAHs plus SIM via US EPA Method 8270C + SIM, and metals via SW6010D according to **Table 2**.

2.1.2 ISCO Performance Monitoring Results

Summary analytical results for the December 2017 and March 2018 performance monitoring wells are presented in **Tables 3**, **4**, and **5**. The laboratory results deliverables are presented in **Appendix C**. The historical and current VOC results are presented on **Figure 5**. The historical and current SVOC results for the shallow and intermediate/deep aquifers are presented on **Figures 6** and **7**, respectively. Iso-concentration maps for naphthalene and benzene in the shallow and intermediate groundwater zones for the March 2018 sampling event are presented on **Figures 8** and **9**. The iso-concentration figures can be compared to **Figure 7**, which illustrates the pre-ISCO injection dissolved naphthalene and benzene groundwater plumes. Naphthalene and benzene were chosen as representative SVOC and VOC compounds, since they are the most mobile in groundwater. **Appendix D** presents trend graphs for the 13 performance monitoring wells. Based on an overview of the available data, the ISCO injection was effective in reducing the extent and concentration of the dissolved benzene and naphthalene groundwater plumes.

2.2 Eastern Drainage Ditch Average Annual Ditch Flow Conditions Evaluation

The eastern drainage ditch flows north along the eastern side of the Site. The ditch receives storm water runoff from a large portion of the city of Douglas prior to flowing past the Site. The ditch eventually discharges to Twenty Mile Creek, at a confluence approximately half a mile north of the Site.

While standing water is observed in the ditch during dry conditions, observable flow in the ditch is limited to during and after rain events. However, since the relevant in-stream water quality standards ("IWQS") are measured at average annual flow conditions, it is necessary to calculate or estimate an average flow rate. As part of the 1st Semiannual VRP Progress Report, an assessment and calculation of flows based on an analysis of the watershed indicated that average flow conditions are approximately 1 cubic foot per second (cfs).

In order to assess the potential impact of Site groundwater on compliance with IWQS in the ditch, an effort is underway to estimate average annual flow conditions. Two stream gauge data loggers were installed to monitor the changing depth of the surface water in the ditch. Cross-sectional measurements of the ditch and the elevation of the stream at the stream gauge locations were also performed in order to calculate the flow through the ditch. The stream

gauges record the depth to water at regular intervals. Data from the data loggers was downloaded quarterly during groundwater sampling events, and used to compute the average groundwater flow. The flow of the steam was calculated with the known cross-sectional characteristics, the slope of the stream bed, and each recorded depth of water using the Manning equation as follows:

$$Q = VA = \left(\frac{1.49}{n}\right) AR^{2/3}\sqrt{S}$$

Where: Q = Flow Rate (ft^3/s)

V = Flow velocity (ft/s)

A = Flow Area / wetted cross-sectional area (ft^2), calculated using the cross-sectional measurements at the specific depth to water.

n = Manning's roughness coefficient (unitless), 0.8 was used.

R = Hydraulic radius (ft), a ratio of A and the wetted perimeter of the ditch.

S = Channel slope (ft/ft), calculated ratio of elevation difference and the elevation and distance between the two channel gauge locations.

After a year or more of data collection, the average surface water flow conditions will be calculated in order to establish dilution corrections for surface water sampling analytical results. Another option will be to normalize surface water analytical results by multiplying the actual analytical sample results by the ratio of the concurrent ditch flow recorded for the specific time of surface water sampling to the long-term annual average ditch flow.

3 Project Schedule and Update

3.1 Planned Actions for Next Reporting Period

An updated Project Milestone Schedule is included as **Appendix E**. Planned actions for the next reporting period are outlined below.

3.1.1 ISCO Performance Monitoring – June 2018 and September 2018

In both June and September 2018, AECOM will conduct groundwater monitoring in order to monitor the performance of the ISCO treatment. The September performance monitoring will be a subset of the site-wide groundwater monitoring event.

Following the September sampling event, the sample frequency will be scaled down to semi-annual. Select wells will be included in the proposed semi-annual event.

3.1.2 Site-Wide Monitoring – September 2018

In September 2018, AECOM will conduct the site-wide groundwater and surface water monitoring event consistent with the previous site-wide event reported in the 1st Semiannual VRP Progress Report (AECOM, 2018).

3.1.3 Fate and Transport Modeling

Although analytical results show that groundwater would not intercept a potential point of exposure (POE) located 1000 ft downgradient of the impacted on-site groundwater zone, groundwater predictive fate and transport modeling activities will be performed to predict contaminant plume characteristics over time. A groundwater predictive fate and transport modeling will be performed and reported during the next progress reporting. The BIOSCREEN Natural Attenuation Decision Support System (Bioscreen AT) will be used for the purposes of predicting the potential impact to a POE. Bioscreen AT is a modified Domenico model that predicts downgradient contaminant concentrations for three different model types:

1. Solute transport retardation and without decay,
2. Solute transport with retardation and biodegradation as a first order decay process, and
3. Solute transport with retardation and biodegradation as "instantaneous" reactions.

The model solves the solute transport equation as a function of time and distance from the source area. The decay first order process (Model Type #2) will be utilized to predict whether the hydrocarbon plume at the site would impact the water in the location of the nearby stream.

3.1.4 Uniform Environmental Covenant

A draft uniform environmental covenant (UEC) for the qualifying property restricting groundwater usage will be prepared and submitted with the Third Semiannual VRP Progress Report.

3.1.5 Subdivided Lott Property Parcel

Based on the site's conceptual site model (AECOM, 2018), a portion of the Lott Property will be subdivided and recorded with Coffee County. The approximate location of the proposed subdivided parcel is depicted in **Figure 12**.

3.1.6 Surface Water Average Flow Calculation

An average surface water level, based on the stream gauge download, will be used to calculate the average flow for the eastern drainage ditch. Based on the average flow, a dilution factor will be calculated for the surface water analytical results and reported following the September 2018 surface water sampling results.

3.2 Professional Services Hours this Period

A total of approximately 17 hours were utilized by the professional geologist overseeing the VRP project. The approximate distribution of hours utilized for implementation of the VIRP and progress reporting during this period is presented below.

Professional Geologist	**Felix Nchako No. 0873**		
Company	**Month/Year**	**Project Manager/ P.G. hours**	**Description**
AECOM	January – March 2018	9	Discussions with project team about Lott Property access and scope of VIRP as a qualifying property
AECOM	April 2018	0	Response to EPD VRP Application review comments and finalization of scope and access agreement for investigation on Lott Property.
AECOM	May 2018	0	VIRP on Lott Property and performance monitoring of groundwater ISCO injection on GDOT property.
AECOM	June – July 2018	8	Technical Peer review of Draft VIRP
	Total Hours	**17**	

4 References

AECOM, February 2016. December 2015 Surface Water and Annual Groundwater Sampling Report, Walker Street Maintenance Facility, Douglas, Coffee County, Georgia.

AECOM, January 16, 2017. Preliminary Remediation Plan and Voluntary Remediation Program (VRP) Application Walker Street Maintenance Facility, Douglas, Coffee County, Georgia.

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Georgia Department of Natural Resources Environmental Protection Division (GA DNR EPD) Chapter 391-3-19, Hazardous Site Response 1995.

GA DNR EPD, March 2005. Approval of Groundwater Corrective Action Plan, Former GA DOT, District 4 Maintenance Headquarter, HSI #10025.

GA DNR EPD, June 2015. Underground Injection Control Permit #GAW000639 for Injection of Hydrogen Peroxide/ISOTEC Catalyst 4260 at Former Georgia DOT, District 4 Maintenance Facility in Douglas, Georgia (EPD-HIS ID#10025).

GA DNR EPD, June 30, 2017. Letter Correspondence, "Re: January 2017 Voluntary Remediation Program Application; December 2015 Surface Water & Annual Groundwater Sampling Report, February 2016; December 2016 Surface Water & Annual Groundwater Sampling Report and Full-Scale Groundwater ISCO Injection and Performance Monitoring Report, February 2017; Former GDOT District 4 Main HQ, HSI# 10025 213 Walker Street, Douglas, Coffee County, Georgia; Tax Parcel D011 220."

GA DNR EPD, June 30, 2017. Letter Correspondence, "Re: Voluntary Investigation and Remediation Plan and Application, January 16, 2017; Georgia Department of Transportation-District 4 Main HQ Property, HSI Site No. 10025; 215 Walker Street, Douglas, Coffee County, Georgia; Tax Parcel D011 220."

EMCON, November 1996. Revised Compliance Status Report for Walker Street Site, Douglas, GA.

Herrick, S.M., and Vorhis, R.E., 1963. Subsurface Geology of the Georgia Coastal Plain: Georgia Geological Survey Information Circular 25, 80 pp.

Huddlestun, Paul F., 1988. A Revision of the Lithostratigraphic Units of the Coastal Plain of Georgia: The Miocene through Holocene, Bulletin 104 (Atlanta: Georgia Geologic Survey, 1988).

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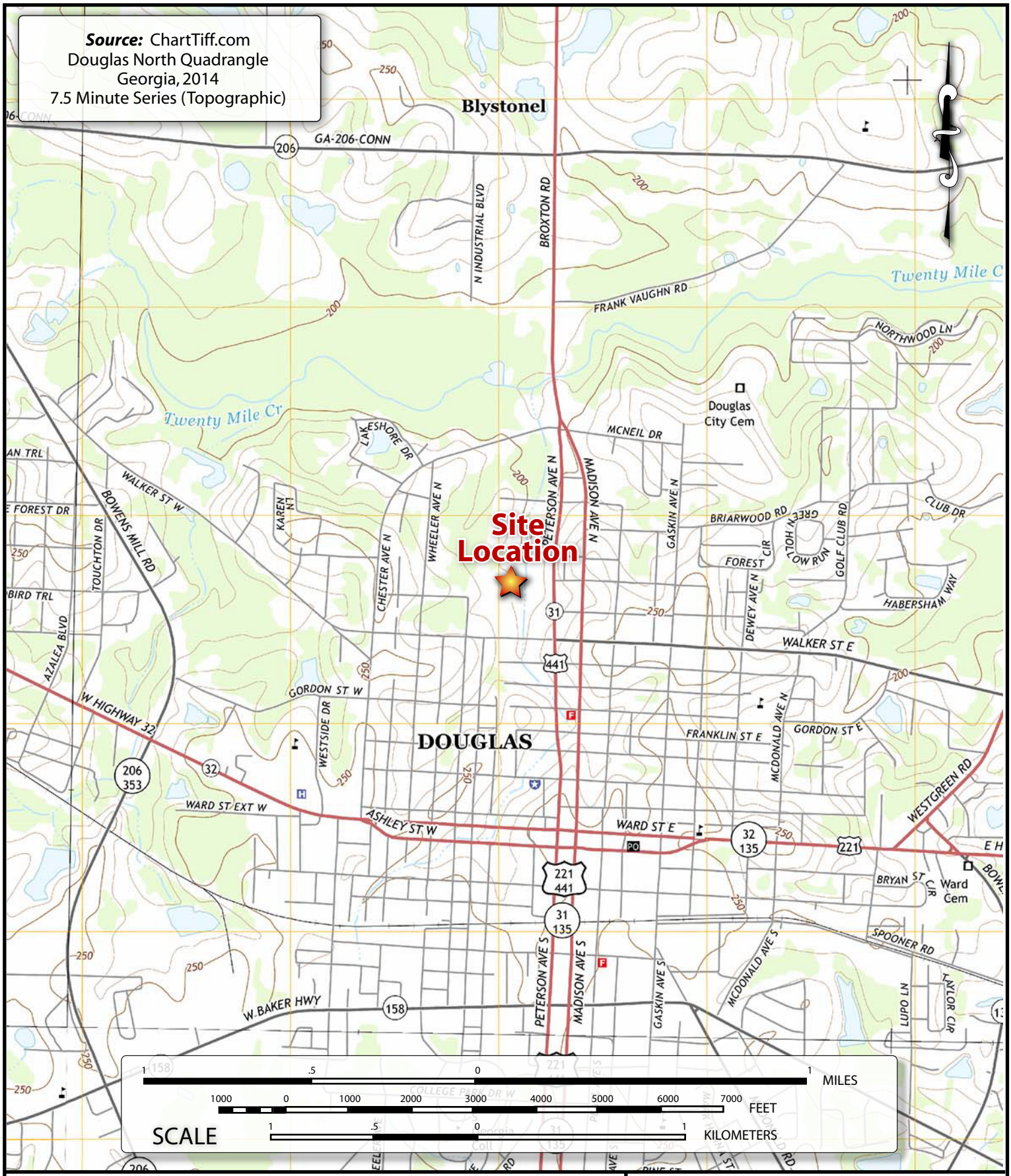
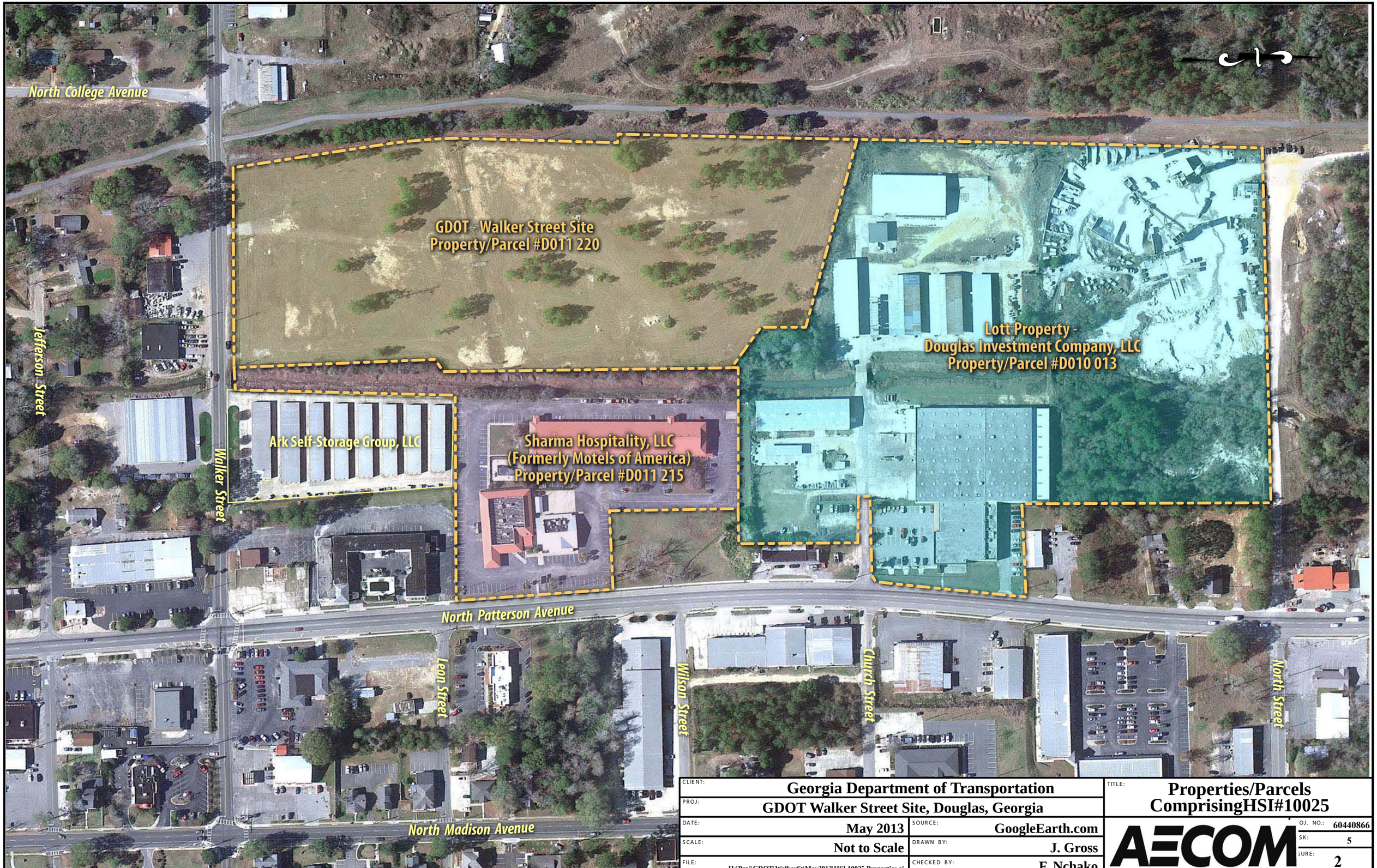
URS, April 2014. January 2014 Surface Water and Annual Groundwater Sampling Report, Walker Street Maintenance Facility, Douglas, Coffee County, Georgia.

URS, December 2014. Full-Scale Groundwater Corrective Action Work Plan, Georgia Department of Transportation, Former Walker Street Maintenance Facility, Douglas, Coffee County, Georgia.

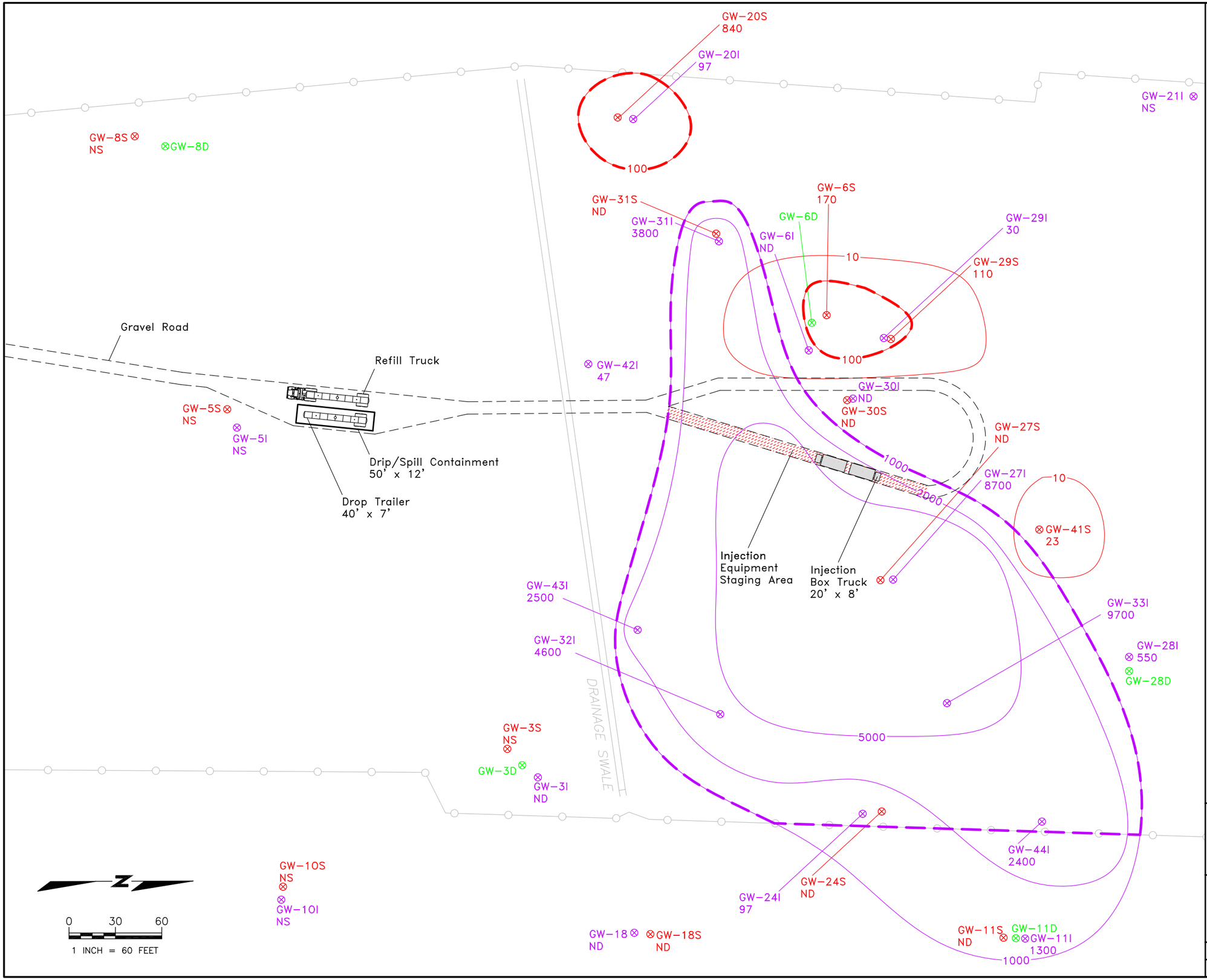
Figures



CLIENT: Georgia Department of Transportation		TITLE: Site Location Map	
PROJECT: Walker Street Site, Former GADOT Maintenance Facility			
DATE: July 2018	DESIGNED BY:	AECOM	PROJ NO.: 60440866
SCALE: 1:24,000	DRAWN BY: J. Gross		TASK: 5
FILE: H:\proj\GDOT\WalkerStreet\Figure 1.ai	CHECKED BY: J. Vigil		FIGURE: 1



CLIENT:	Georgia Department of Transportation		TITLE: Properties/Parcels ComprisingHSI#10025
PROJ:	GDOT Walker Street Site, Douglas, Georgia		
DATE:	May 2013	SOURCE: GoogleEarth.com	AECOM
SCALE:	Not to Scale	DRAWN BY: J. Gross	OJ. NO.: 60440866
FILE:	H:\Proj\GDOT\WalkerSt\May2013\HSI 10025 Properties.ai	CHECKED BY: F. Nchako	SK: 5
			SURE: 2



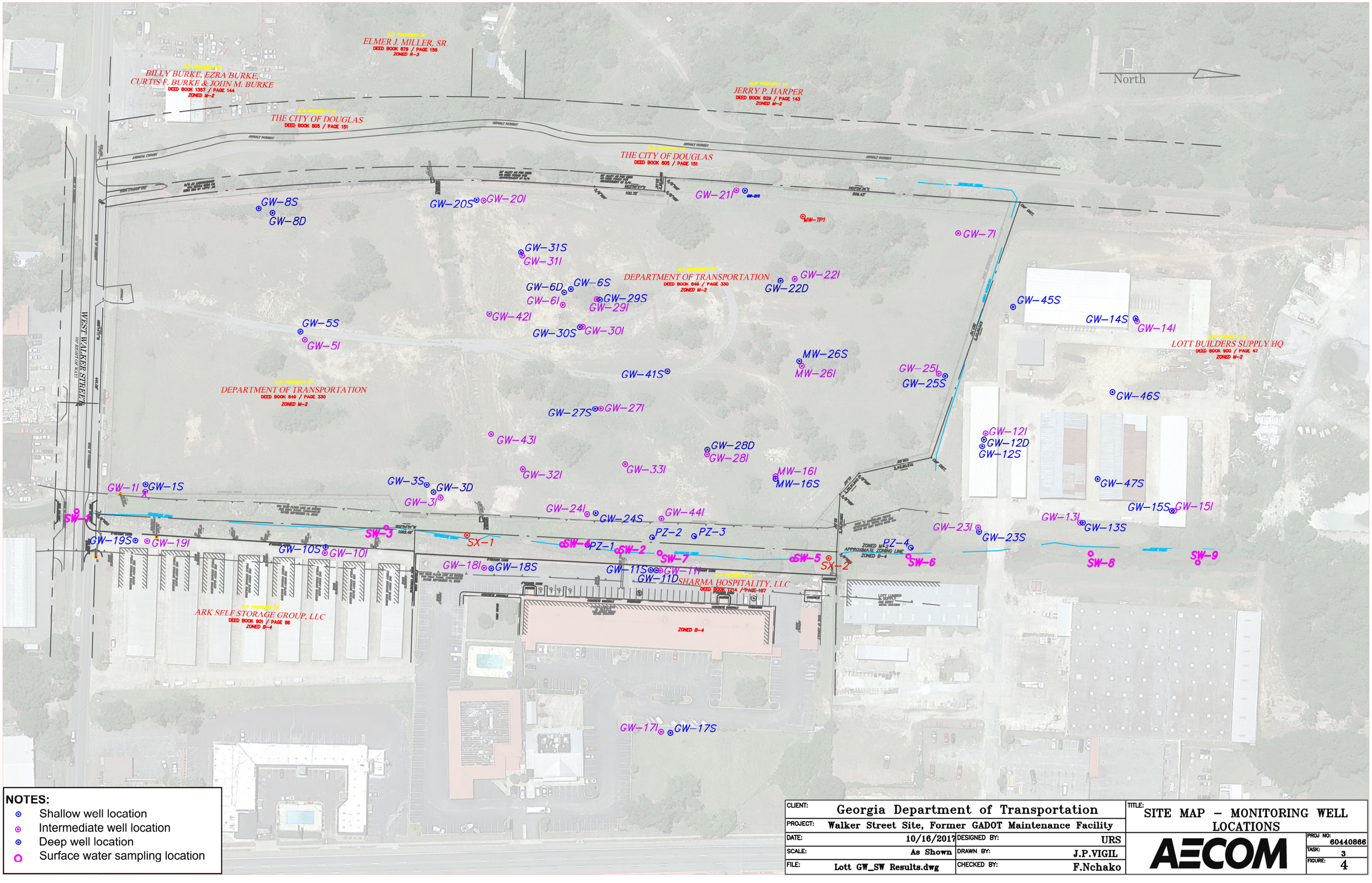
LEGEND

- Existing Building
- Fence
- Approximate Site Boundary
- Shallow Zone Monitoring Well
- Intermediate Zone Monitoring Well
- Deep Zone Monitoring Well
- Shallow Zone Naphthalene Isocontour
- Intermediate Zone Naphthalene Isocontour
- 220 Naphthalene Concentration (µg/L)
- Shallow Zone Treatment Area
- Intermediate Zone Treatment Area

In-Situ Oxidative Technologies, Inc.
ISOTEC
6452 Fig Street, Suite C
Arvada, Colorado 80004
www.insituoxidation.com
(303) 843-9079

SITE MAP
ISCO REMEDIATION PROGRAM
Walker Street Site
Former GDOT Maintenance Facility
Douglas, Georgia

DRAWN BY: KH	DATE: 1/21/2016	FIGURE 3
CHECKED BY: SH	PROJECT NO: 901114	



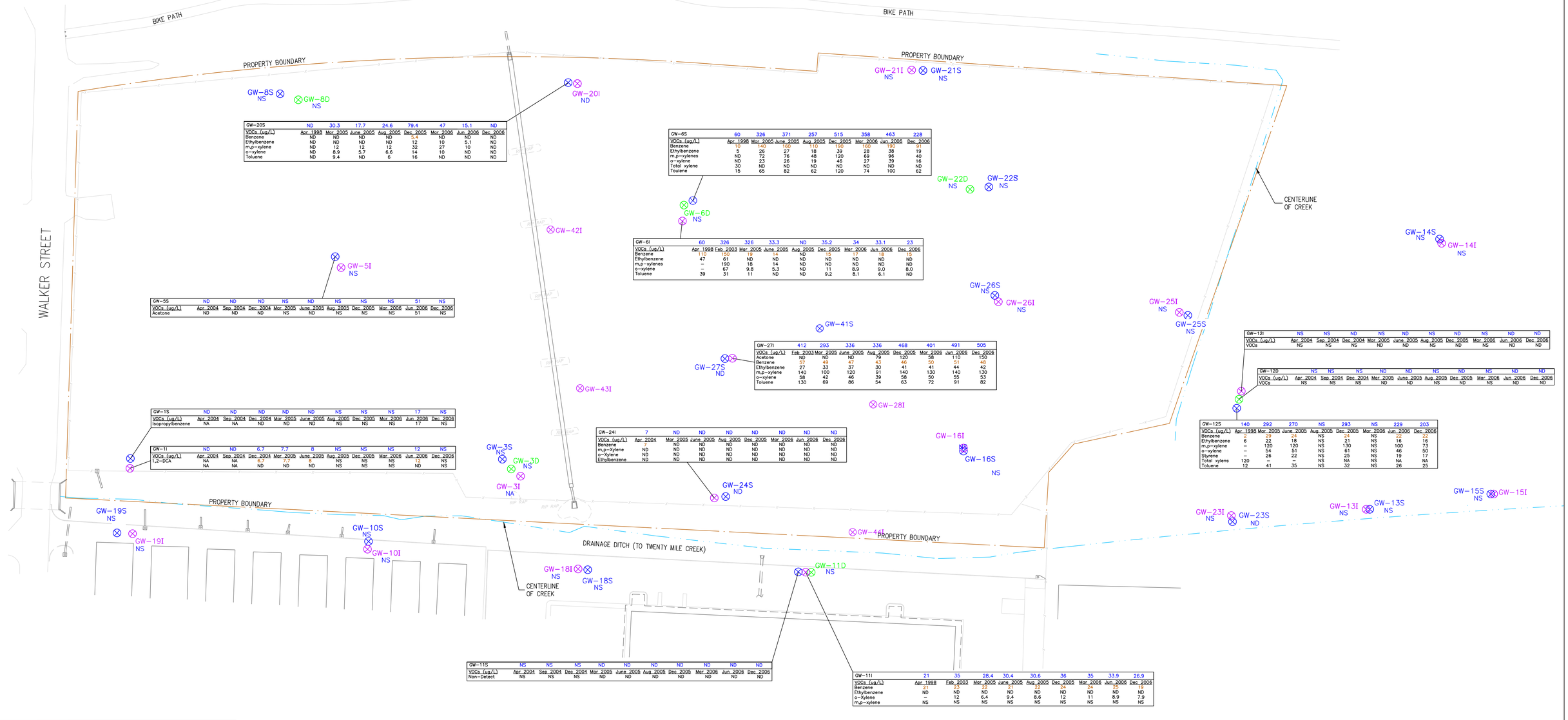
NOTES:

- Shallow well location
- Intermediate well location
- Deep well location
- Surface water sampling location

CLIENT:	Georgia Department of Transportation	TITLE:	SITE MAP – MONITORING WELL LOCATIONS
PROJECT:	Walker Street Site, Former GADOT Maintenance Facility		
DATE:	10/16/2017	DESIGNED BY:	URS
SCALE:	As Shown	DRAWN BY:	J.P.VIGIL
FILE:	Lott GW_SW Results.dwg	CHECKED BY:	F.Nchako

AECOM

PROJ NO: 60440866
TASK: 3
FIGURE: 4



GW-20S	ND	30.3	17.7	24.6	79.4	47	15.1	ND
VOCs (ug/L)	Apr 1998	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Benzene	ND	ND	ND	ND	5.4	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	12	10	5.1	ND
m,p-xylene	ND	12	12	12	32	27	10	ND
o-xylene	ND	8.9	5.7	6.6	14	10	ND	ND
Toluene	ND	9.4	ND	6	16	ND	ND	ND

GW-6S	60	326	371	257	515	358	463	228
VOCs (ug/L)	Apr 1998	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Benzene	10	140	160	110	190	160	190	91
Ethylbenzene	5	26	27	18	39	28	38	19
m,p-xylenes	ND	72	76	48	120	69	96	40
o-xylene	ND	23	26	19	46	27	39	16
Total xylene	30	ND	ND	ND	ND	ND	ND	ND
Toulene	15	65	82	62	120	74	100	62

GW-6I	60	326	326	33.3	ND	35.2	34	33.1	23
VOCs (ug/L)	Apr 1998	Feb 2003	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Benzene	110	150	19	14	ND	13	17	18	15
Ethylbenzene	47	61	ND	ND	ND	ND	ND	ND	ND
m,p-xylenes	--	190	18	14	ND	ND	ND	ND	ND
o-xylene	--	67	9.8	5.3	ND	11	8.9	9.0	8.0
Toluene	39	31	11	ND	ND	9.2	8.1	6.1	ND

GW-5S	ND	ND	ND	NS	ND	NS	NS	NS	51	NS
VOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Acetone	ND	ND	ND	NS	ND	NS	NS	NS	51	NS

GW-1S	ND	ND	ND	ND	ND	NS	NS	NS	17	NS
VOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Isopropylbenzene	NA	NA	ND	ND	ND	NS	NS	NS	17	NS

GW-1I	ND	ND	6.7	7.7	8	NS	NS	NS	12	NS
VOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
1,2-DCA	NA	NA	6.7	7.7	8	NS	NS	NS	12	NS
	NA	NA	ND	ND	ND	NS	NS	NS	ND	NS

GW-27I	412	293	336	336	468	401	491	505
VOCs (ug/L)	Feb 2003	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Acetone	ND	ND	ND	79	120	58	110	150
Benzene	57	49	47	43	46	50	51	48
Ethylbenzene	27	33	37	30	41	41	44	42
m,p-xylene	140	100	120	91	140	130	140	130
o-xylene	58	42	46	39	58	50	55	53
Toluene	130	69	86	54	63	72	91	82

GW-24I	7	ND	ND	ND	ND	ND	ND	ND
VOCs (ug/L)	Apr 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Benzene		ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND

GW-12I	NS	NS	ND	NS	ND	NS	ND	NS	ND	ND
VOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
VOCs	NS	NS	NS	ND	ND	NS	ND	NS	ND	ND

GW-12D	NS	NS	NS	ND	ND	NS	ND	NS	ND	ND
VOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
VOCs	NS	NS	NS	ND	ND	NS	ND	NS	ND	ND

GW-12S	140	292	270	NS	293	NS	229	203
VOCs (ug/L)	Apr 1998	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Benzene	2	29	24	NS	24	NS	22	22
Ethylbenzene	6	22	18	NS	21	NS	16	16
m,p-xylene	--	120	120	NS	130	NS	100	73
o-xylene	--	54	51	NS	61	NS	46	50
Styrene	--	26	22	NS	25	NS	19	17
Total xylens	120	--	--	NS	NA	NS	NA	NA
Toluene	12	41	35	NS	32	NS	26	25

GW-11S	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND
VOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Non-Detect	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND

GW-11I	21	35	28.4	30.4	30.6	36	35	33.9	26.9
VOCs (ug/L)	Apr 1998	Feb 2003	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Benzene	21	23	22	21	22	24	24	25	19
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	--	12	6.4	9.4	8.6	12	11	8.9	7.9
m,p-xylene	NS	NS	NS	NS	NS	NS	NS	NS	NS

LEGEND

⊗	=	WELL LOCATION
GW-3D	=	MONITORING WELL I.D.
6.1	=	CONCENTRATION IN ug/L
401	=	TOTAL VOC CONCENTRATION IN ug/L (ND considered 0)
20 ug/L	=	DETECTION ABOVE THE SCREENING VALUE
ND	=	NON-DETECT
NS	=	NOT SAMPLED

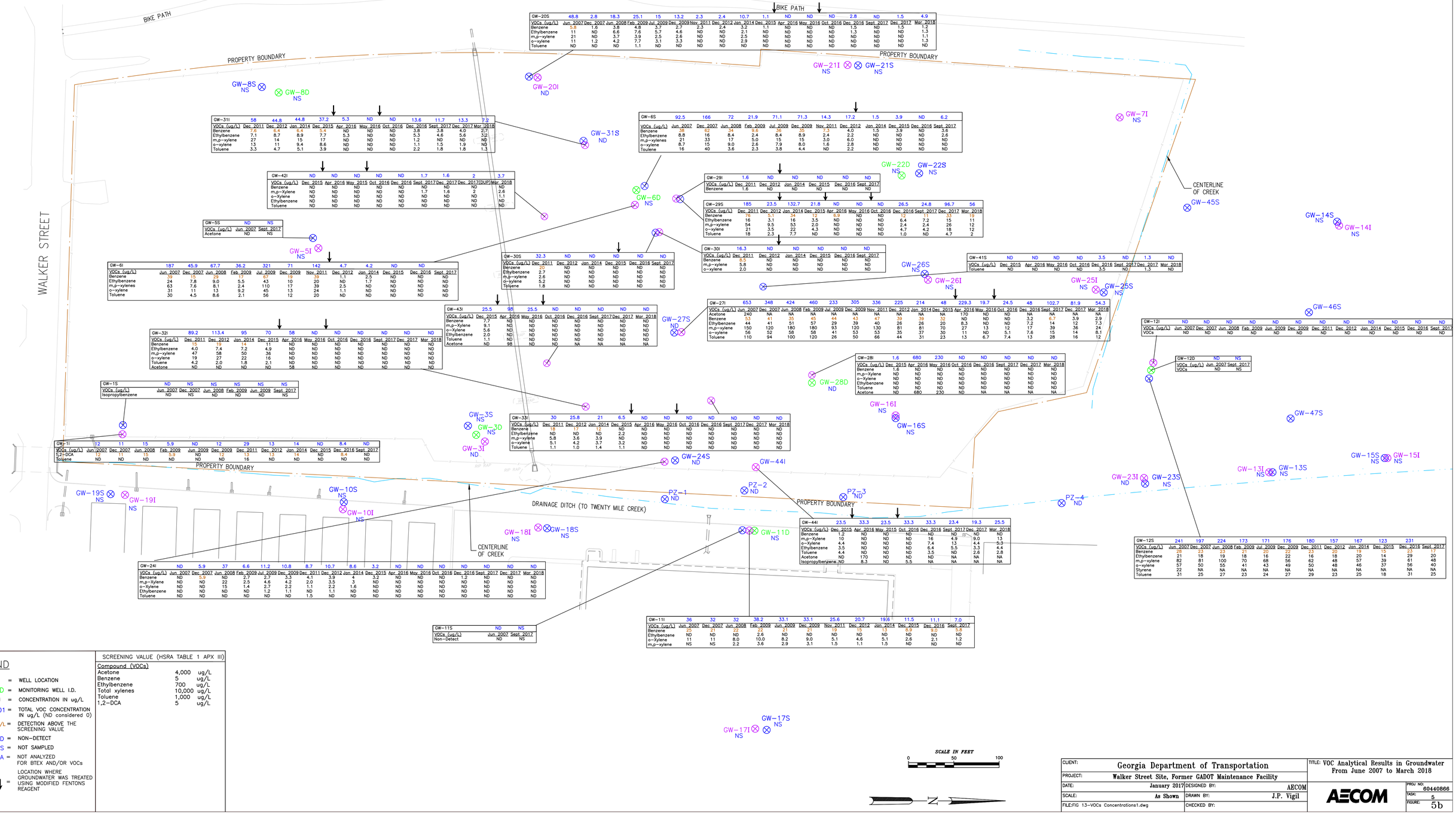
SCREENING VALUE (HSRA TABLE 1 APX III)		
Compound (VOCs)		
Acetone	4,000	ug/L
Benzene	5	ug/L
Ethylbenzene	700	ug/L
Total xylenes	10,000	ug/L
Toluene	1,000	ug/L
1,2-DCA	5	ug/L

SCALE IN FEET
0 50 100

CLIENT:	Georgia Department of Transportation	TITLE:	Historical VOCs Analytical Results in Groundwater (April 1998 to December 2006)
PROJECT:	Walker Street Site, Former GADOT Maintenance Facility		
DATE:	January 2017	DESIGNED BY:	AECOM
SCALE:	As Shown	DRAWN BY:	B.T.
FILE:FIG 13-VOCs Concentrations1.dwg		CHECKED BY:	J.P. Vigil

AECOM

PROJ NO: 60440866
TASK: 4
FIGURE: 15a



GW-20S

VOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jul. 2009	Dec. 2009	Nov. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Apr. 2016	May. 2016	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Mar. 2018
Benzene	5.8	1.6	3.8	4.8	3.7	2.7	2.3	2.4	3.2	1.1	ND	ND	ND	1.5	ND	1.5	1.2
Ethylbenzene	11	ND	6.6	7.6	5.7	4.6	ND	ND	2.1	ND	ND	ND	ND	1.3	ND	ND	1.3
m,p-xylene	21	ND	3.7	3.9	2.5	2.6	ND	ND	2.5	ND	ND	ND	ND	ND	ND	ND	1.1
o-xylene	11	1.2	4.2	7.7	3.1	3.3	ND	ND	2.9	ND	ND	ND	ND	ND	ND	ND	1.3
Toluene	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

GW-31I

VOCs (ug/L)	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Apr. 2016	May. 2016	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Mar. 2018
	58	44.8	44.8	37.2	5.3	ND	ND	13.6	11.7	13.3	7.2
Benzene	7.6	6.4	6.4	5.4	ND	ND	ND	3.8	3.8	4.0	2.7
Ethylbenzene	7.1	8.7	8.9	7.7	5.3	ND	ND	5.3	4.6	5.6	3.2
m,p-xylene	27	14	15	17	ND	ND	ND	1.2	ND	ND	ND
o-xylene	13	11	9.4	8.6	ND	ND	ND	1.1	1.5	1.9	ND
Toluene	3.3	4.7	5.1	3.9	ND	ND	ND	2.2	1.8	1.8	1.3

GW-42I

VOCs (ug/L)	Dec. 2015	Apr. 2016	May. 2015	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Dec. 2017(DUP)	Mar. 2018
	ND	ND	ND	ND	ND	1.7	1.6	2	3.7
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	ND	ND	ND	ND	ND	1.7	1.6	2	2.6
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	1.1
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND

GW-5S

VOCs (ug/L)	Jun. 2007	Sept. 2017
	ND	NS
Acetone	ND	NS

GW-6I

VOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jul. 2009	Dec. 2009	Nov. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
	187	45.9	67.7	36.2	321	71	142	4.7	4.2	ND	ND	
Benzene	39	15	29	17	67	19	39	1.1	2.5	ND	ND	ND
Ethylbenzene	24	7.8	9.9	5.5	43	10	20	ND	1.7	ND	ND	ND
m,p-xylenes	63	7.6	8.1	2.4	110	17	39	2.5	ND	ND	ND	ND
o-xylene	31	11	13	9.2	45	13	24	1.1	ND	ND	ND	ND
Toluene	30	4.5	8.6	2.1	56	12	20	ND	ND	ND	ND	ND

GW-6S

VOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jul. 2009	Dec. 2009	Nov. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
	92.5	166	72	21.9	71.1	71.3	14.3	17.2	1.5	3.9	ND	6.2
Benzene	38	62	34	8.6	36	35	7.3	4.0	1.5	3.9	ND	3.6
Ethylbenzene	8.8	16	8.4	2.4	8.4	8.9	2.4	2.2	ND	ND	ND	2.6
m,p-xylenes	21	33	17	5.0	15	15	3.0	6.0	ND	ND	ND	ND
o-xylene	8.7	15	9.0	2.6	7.9	8.0	1.6	2.8	ND	ND	ND	ND
Toulene	16	40	3.6	2.3	3.8	4.4	ND	2.2	ND	ND	ND	ND

GW-29I

VOCs (ug/L)	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
	1.6	ND	ND	ND	ND	ND
Benzene	1.6	ND	ND	ND	ND	ND

GW-29S

VOCs (ug/L)	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Apr. 2016	May. 2016	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Mar. 2018
	185	23.5	132.7	21.8	ND	ND	ND	26.5	24.8	96.7	56
Benzene	78	5.1	34	12	6.9	ND	ND	12	11	33	19
Ethylbenzene	16	3.1	16	3.5	ND	ND	ND	6.4	7.2	15	11
m,p-xylene	54	9.5	53	2.0	ND	ND	ND	2.4	2.4	26	12
o-xylene	21	3.5	22	4.3	ND	ND	ND	4.7	4.2	18	12
Toluene	18	2.3	7.7	ND	ND	ND	ND	1.0	ND	4.7	2

GW-30I

VOCs (ug/L)	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
	16.3	ND	ND	ND	ND	ND
Benzene	8.5	ND	ND	ND	ND	ND
m,p-xylene	5.8	ND	ND	ND	ND	ND
o-xylene	2.0	ND	ND	ND	ND	ND

GW-30S

VOCs (ug/L)	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
	32.3	ND	ND	ND	ND	ND
Benzene	20	ND	ND	ND	ND	ND
Ethylbenzene	2.7	ND	ND	ND	ND	ND
m,p-xylene	2.6	ND	ND	ND	ND	ND
o-xylene	5.2	ND	ND	ND	ND	ND
Toluene	1.8	ND	ND	ND	ND	ND

GW-41S

VOCs (ug/L)	Dec. 2015	Apr. 2016	May. 2016	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Mar. 2018
	ND	ND	ND	ND	3.5	ND	1.3	ND
Toluene	ND	ND	ND	ND	3.5	ND	1.3	ND

GW-27I

VOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jul. 2009	Dec. 2009	Nov. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Apr. 2016	May. 2016	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Mar. 2018
	653	348	424	460	233	305	336	225	214	48	229.3	19.7	24.5	48	102.7	81.9	54.3
Acetone	240	NA	NA	NA	NA	NA	NA	NA	NA	170	ND	ND	ND	NA	NA	NA	NA
Benzene	53	41	35	45	44	43	47	39	39	32	ND	ND	ND	3.2	6.7	3.9	2.9
Ethylbenzene	44	41	51	57	29	39	40	26	26	20	8.3	ND	ND	7.2	14	12	7.3
m,p-xylene	150	120	180	180	93	120	130	81	81	70	27	13	12	17	39	36	24
o-xylene	56	52	58	58	41	53	53	35	37	30	11	ND	5.1	7.6	15	14	8.1
Toluene	110	94	100	120	26	50	66	44	31	23	13	6.7	7.4	13	28	16	12

GW-43I

VOCs (ug/L)	Dec. 2015	Apr. 2016	May. 2016	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Mar. 2018
	25.5	98	25.5	ND	ND	ND	ND	ND
Acetone	240	NA	NA	NA	NA	NA	NA	NA
Benzene	7.7	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	9.1	ND	ND	ND	ND	ND	ND	ND
o-Xylene	5.6	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	2.0	ND	ND	ND	ND	ND	ND	ND
Toluene	1.1	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	98	ND	ND	NA	NA	NA	NA

GW-32I

VOCs (ug/L)	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Apr. 2016	May. 2016	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Mar. 2018
	89.2	113.4	95	70	58	ND	ND	ND	ND	ND	ND
Benzene	15	19	14	11	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	4.0	7.4	7.2	4.9	ND	ND	ND	ND	ND	ND	ND
m,p-xylene	47	58	50	36	ND	ND	ND	ND	ND	ND	ND
o-xylene	19	27	22	16	ND	ND	ND	ND	ND	ND	ND
Toluene	4.2	2.0	1.8	2.1	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	58	ND	ND	ND	ND	ND	ND

GW-28I

VOCs (ug/L)	Dec. 2015	Apr. 2016	May. 2016	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Mar. 2018
	1.6	680	230	ND	ND	ND	ND	ND
Benzene	1.6	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	680	230	ND	NA	NA	NA	NA

GW-12I

VOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jun. 2009	Dec. 2009	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

GW-12D

VOCs (ug/L)	Jun. 2007	Sept. 2017
	ND	NS
VOCs	ND	NS

GW-12S

VOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jul. 2009	Dec. 2009	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
	241	197	224	173	171	176	180	157	167	123	231	
Benzene	28	23	23	21	20	22	23	20	19	15	23	17
Ethylbenzene	21	18	19	18	16	22	16	18	20	14	29	20
m,p-xylene	82	81	100	70	68	56	62	48	57	39	61	48
o-xylene	57	50	55	41	43	49	50	48	46	37	56	40
Styrene	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	31	25	27	23	24	27	29	23	25	18	31	25

GW-1S

VOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jun. 2009	Dec. 2009	Sept. 2017
	ND	NS	ND	ND	ND	NS	NS
Isopropylbenzene	ND	NS	ND	ND	ND	NS	NS

GW-1I

VOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jun. 2009	Dec. 2009	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
	12	11	15	5.9	ND	12	29	13	14	ND	8.4	ND
1,2-DCA	12	15	5.9		ND	12	13	13	14	ND	8.4	ND
Toluene	ND	ND	ND	ND	ND	ND	16	ND	ND	ND	ND	ND

GW-33I

VOCs (ug/L)	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Apr. 2016	May. 2016	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Mar. 2018
	30	25.8	21	6.5	ND	ND	ND	ND	ND	ND	ND
Benzene	18	17	12	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	2.2	ND	ND	ND	ND	ND	ND	ND
m,p-xylene	5.8	3.6	3.9	ND	ND	ND	ND	ND	ND	ND	ND
o-xylene	5.1	4.2	3.7	3.2	ND	ND	ND	ND	ND	ND	ND
Toluene	1.1	1.0	1.4	1.1	ND	ND	ND	ND	ND	ND	ND

GW-24I

VOCs (ug/L)	Dec. 2015	Apr. 2016	May. 2015	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Mar. 2018
	ND	5.9	37	6.6	11.2	10.8	8.7	10.7
Benzene	ND	5.9	ND	2.7	2.7	3.3	4.1	3.9
m,p-Xylene	ND	ND	22	2.5	4.6	4.2	2.0	3.5
o-Xylene	ND	ND	15	1.4	2.7	2.2	1.1	2.2
Ethylbenzene	ND	ND	ND	ND	1.2	1.1	ND	1.1
Toluene	ND	ND	ND	ND	ND	ND	1.5	ND

GW-44I

VOCs (ug/L)	Dec. 2015	Apr. 2016	May. 2015	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Mar. 2018
	23.5	33.3	23.5	33.3	33.3	23.4	19.3	25.5
Benzene	1.2	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	10	ND	ND	ND	16	4.9	9.0	13
o-Xylene	4.4	ND	ND	ND	7.4	13	4.4	5.3
Ethylbenzene	3.5	ND	ND	ND	6.4	5.5	3.3	4.4
Toluene	4.4	ND	ND	ND	3.5	ND	2.6	2.8
Acetone	ND	170	ND	ND	ND	NA	NA	NA
Isopropylbenzene	ND	8.3	ND	5.5	NA	NA	NA	NA

GW-11S

VOCs (ug/L)	Jun. 2007	Sept. 2017
	ND	NS
Non-Detect	ND	NS

GW-11I

VOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jun. 2009	Dec. 2009	Nov. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
	36	32	32	38.2	33.1	33.1	25.6	20.7	19.6	11.5	11.1	7.0
Benzene	25	21	22	22	21	21	19	15	13	8.9	9.0	5.8
Ethylbenzene	ND	ND	ND	2.6	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	11	11	8.0	10.0	8.2	9.0	5.1	4.6	5.1	2.6	2.1	1.2
m,p-xylene	NS	NS	2.2	3.6	2.9	3.1	1.5	1.1	1.5	ND	ND	ND

LEGEND

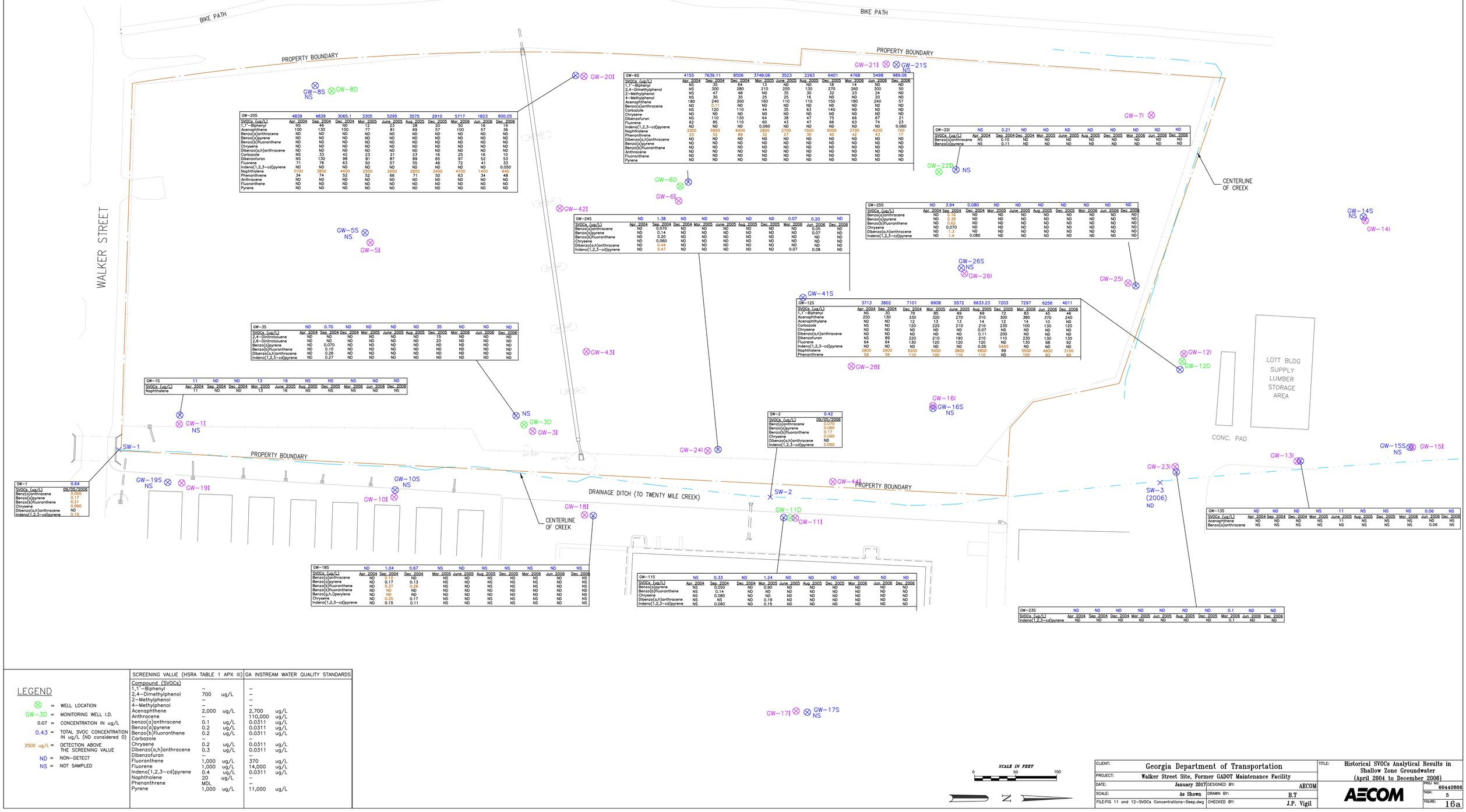
- ⊗ = WELL LOCATION
- GW-3D = MONITORING WELL I.D.
- 6.1 = CONCENTRATION IN ug/L
- 401 = TOTAL VOC CONCENTRATION IN ug/L (ND considered 0)
- 20 ug/L = DETECTION ABOVE THE SCREENING VALUE
- ND = NON-DETECT
- NS = NOT SAMPLED
- NA = NOT ANALYZED FOR BTEX AND/OR VOCs
- ↓ = LOCATION WHERE GROUNDWATER WAS TREATED USING MODIFIED FENTONS REAGENT

SCREENING VALUE (HSRA TABLE 1 APX III)

Compound (VOCs)		
Acetone	4,000	ug/L
Benzene	5	ug/L
Ethylbenzene	700	ug/L
Total xylenes	10,000	ug/L
Toluene	1,000	ug/L
1,2-DCA	5	ug/L

SCALE IN FEET
0 50 100

CLIENT:	Georgia Department of Transportation	TITLE:	VOC Analytical Results in Groundwater From June 2007 to March 2018
PROJECT:	Walker Street Site, Former GADOT Maintenance Facility		
DATE:	January 2017	DESIGNED BY:	AECOM
SCALE:	As Shown	DRAWN BY:	J.P. Vigil
FILE:	FIG 13-VOCs Concentrations1.dwg	CHECKED BY:	
	AECOM	PROJ NO:	60440866
		TASK:	5
		FIGURE:	5b



LEGEND

- ⊗ = WELL LOCATION
- GW-3D = MONITORING WELL I.D.
- 0.07 = CONCENTRATION IN ug/L
- 0.43 = TOTAL SVOC CONCENTRATION IN ug/L (ND considered 0)
- 2500 ug/L = DETECTION ABOVE THE SCREENING VALUE
- ND = NON-DETECT
- NS = NOT SAMPLED

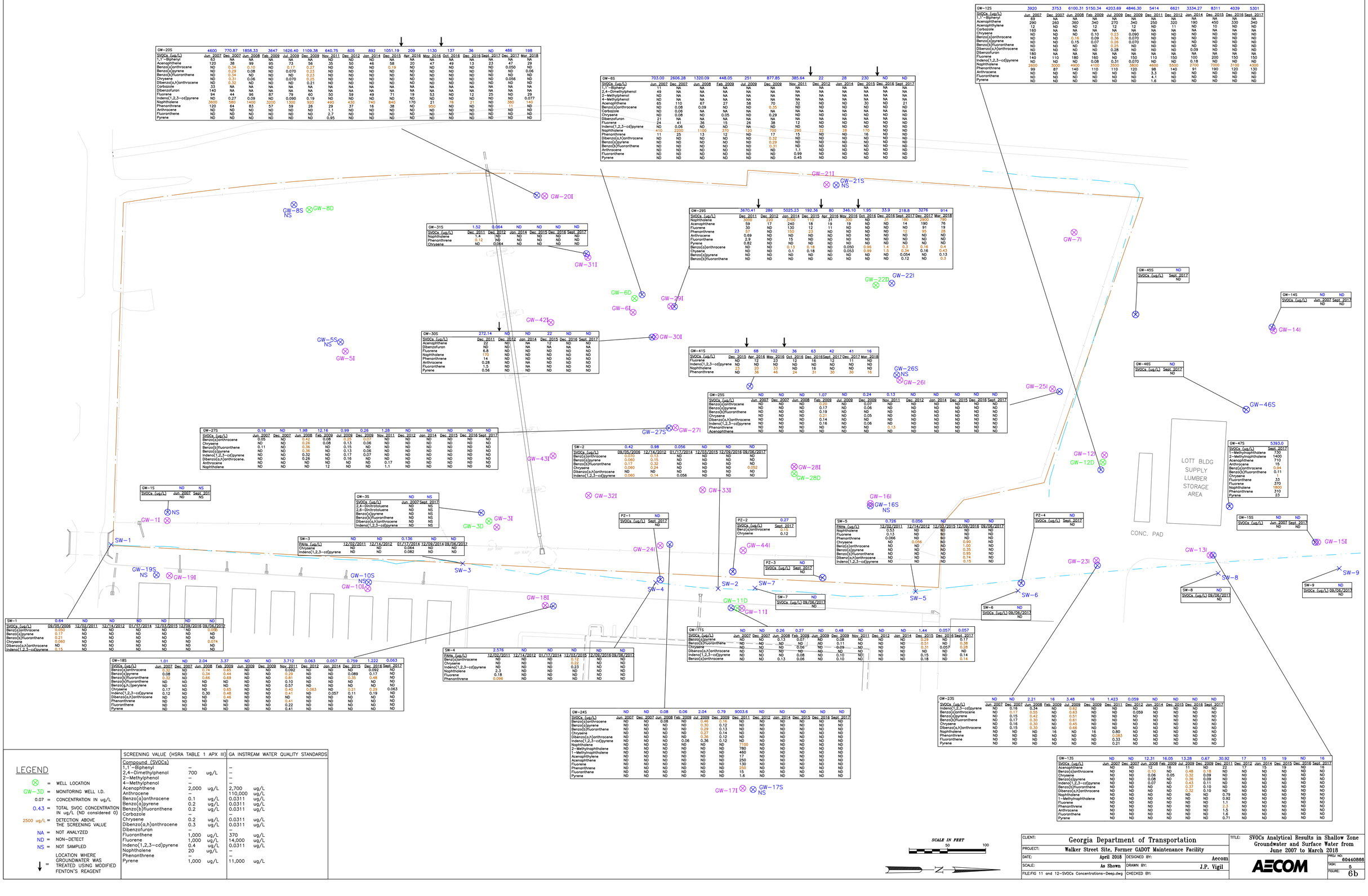
Compound (SVOCs)	SCREENING VALUE (HSRA TABLE 1 APX III)		GA INSTREAM WATER QUALITY STANDARDS	
1,1'-Biphenyl	–		–	
2,4-Dimethylphenol	700	ug/L	–	
2-Methylphenol	–		–	
4-Methylphenol	–		–	
Acenaphthene	2,000	ug/L	2,700	ug/L
Anthracene	–		110,000	ug/L
benzo(a)anthracene	0.1	ug/L	0.0311	ug/L
Benzo(a)pyrene	0.2	ug/L	0.0311	ug/L
Benzo(b)fluoranthene	0.2	ug/L	0.0311	ug/L
Carbazole	–		–	
Chrysene	0.2	ug/L	0.0311	ug/L
Dibenzo(a,h)anthracene	0.3	ug/L	0.0311	ug/L
Dibenzofuran	–		–	
Fluoranthene	1,000	ug/L	370	ug/L
Fluorene	1,000	ug/L	14,000	ug/L
Indeno(1,2,3-cd)pyrene	0.4	ug/L	0.0311	ug/L
Naphthalene	20	ug/L	–	
Phenanthrene	MDL		–	
Pyrene	1,000	ug/L	11,000	ug/L

SCALE IN FEET
0 50 100

CLIENT:	Georgia Department of Transportation	TITLE:	Historical SVOCs Analytical Results in Shallow Zone Groundwater (April 2004 to December 2006)
PROJECT:	Walker Street Site, Former GADOT Maintenance Facility		
DATE:	January 2017	DESIGNED BY:	AECOM
SCALE:	As Shown	DRAWN BY:	B.T
FILE:FIG 11 and 12-SVOCs Concentrations-Deep.dwg		CHECKED BY:	J.P. Vigil

AECOM

PROJ NO: 60440866
TASK: 5
FIGURE: 16a



GW-20S	4600	770.87	1858.33	3647	1626.40	1109.38	640.75	605	892	1051.19	209	1130	137	36	ND	486	198
SVOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jul. 2009	Dec. 2009	Nov. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Apr. 2016	May. 2016	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Mar. 2018
1,1-Biphenyl	63	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	120	38	99	95	73	56	35	50	46	58	20	47	49	13	23	47	29
Benzo(a)anthracene	ND	0.34	0.10	ND	0.17	0.27	ND	ND	ND	0.19	ND	ND	ND	ND	ND	0.050	ND
Benzo(a)pyrene	ND	0.29	0.08	ND	0.070	0.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06
Benzo(b)fluoranthene	ND	0.34	ND	ND	ND	0.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	0.31	0.06	ND	0.070	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.056	ND
Dibenzo(a,h)anthracene	ND	0.32	ND	ND	ND	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	94	44	96	87	79	60	50	59	49	71	19	53	ND	12	25	ND	29
Indeno(1,2,3-cd)pyrene	ND	0.27	0.09	ND	0.090	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.077
Naphthalene	3600	580	1400	3200	1300	920	490	430	740	840	170	21	78	21	ND	380	140
Phenanthrene	120	64	83	57	59	26	29	37	16	38	ND	950	ND	ND	ND	11	ND
Anthracene	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	0.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

GW-6S	703.00	2606.28	1320.09	448.05	251	877.85	385.64	22	28	230	ND	ND
SVOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jul. 2009	Dec. 2009	Nov. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
1,1-Biphenyl	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	65	110	67	27	58	70	32	ND	ND	30	ND	21
Benzo(a)anthracene	ND	0.08	0.09	ND	ND	0.35	ND	ND	ND	ND	ND	ND
Carbazole	ND	0.06	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
Chrysene	ND	0.08	ND	0.05	ND	0.29	ND	ND	ND	ND	ND	ND
Dibenzofuran	21	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
Fluorene	24	41	36	15	26	38	12	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	0.06	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Naphthalene	410	2200	1100	370	120	700	290	22	28	170	ND	ND
Phenanthrene	11	25	13	12	ND	17	15	ND	ND	16	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	0.32	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	0.29	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	0.31	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	0.99	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	0.45	ND	ND	ND	ND	ND

GW-12S	3920	3753	6100.31	5150.34	4203.69	4846.30	5414	6621	3334.27	8311	4039	5301
SVOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jul. 2009	Dec. 2009	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
1,1-Biphenyl	69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	290	260	360	340	270	340	250	320	190	450	330	340
Acenaphthylene	12	ND	ND	12	12	12	ND	11	ND	10	ND	ND
Carbazole	160	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	ND	ND	ND	0.10	0.23	0.090	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	0.16	0.09	0.36	0.070	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	0.15	0.07	0.26	0.070	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	0.25	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	0.28	ND	ND	ND	0.09	ND	ND	ND
Dibenzofuran	180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	140	110	180	160	130	150	110	150	100	200	150	150
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	0.31	0.070	ND	ND	0.18	ND	ND	ND
Naphthalene	2900	3200	4400	4100	3500	3600	4400	5400	2700	7000	3100	4300
Phenanthrene	99	87	140	110	110	120	98	140	91	190	120	130
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.3	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	4.1	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND

GW-29S	3670.41	286	5025.23	192.36	80	346.10	1.95	33.9	218.8	3276	914
SVOCs (ug/L)	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Apr. 2016	May. 2016	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Mar. 2018
Naphthalene	3000	220	3700	110	31	300	ND	31	180	2900	790
Acenaphthene	59	17	240	18	19	19	ND	ND	14	190	76
Fluorene	30	ND	130	12	11	ND	ND	ND	ND	91	19
Phenanthrene	97	ND	150	23	ND	ND	ND	ND	12	85	18
Anthracene	0.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	2.9	ND	15	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	0.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	0.13	0.18	ND	0.050	0.96	1.5	0.16	ND	ND
Chrysene	ND	ND	0.1	0.18	ND	0.053	0.99	1.6	0.24	0.16	0.43
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	0.054	ND	0.13
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	0.12	ND	0.3

GW-31S	1.52	0.064	ND	ND	ND	ND
SVOCs (ug/L)	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
Naphthalene	1.4	ND	ND	ND	ND	ND
Phenanthrene	0.12	ND	ND	ND	ND	ND
Chrysene	ND	0.064	ND	ND	ND	ND

GW-30S	272.14	ND	ND	22	ND	ND
SVOCs (ug/L)	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
Acenaphthene	22	ND	NA	12	ND	ND
Dibenzofuran	ND	ND	NA	NA	NA	NA
Fluorene	6.8	ND	ND	ND	ND	ND
Naphthalene	170	ND	ND	ND	ND	ND
Phenanthrene	14	ND	ND	ND	ND	ND
Anthracene	0.28	ND	NA	ND	ND	ND
Fluoranthene	1.5	ND	NA	ND	ND	ND
Pyrene	0.56	ND	ND	ND	ND	ND

GW-41S	23	68	102	36	63	42	41	16
SVOCs (ug/L)	Dec. 2015	Apr. 2016	May. 2016	Oct. 2016	Dec. 2016	Sept. 2017	Dec. 2017	Mar. 2018
Fluorene	ND	12	23	12	16	12	11	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	23	20	33	ND	16	ND	ND	ND
Phenanthrene	ND	36	46	24	31	30	30	16

GW-25S	ND	ND	ND	1.07	ND	0.24	0.13	ND	ND	ND	ND	ND
SVOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jul. 2009	Dec. 2009	Nov. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
Benzo(a)anthracene	ND	ND	ND	0.20	ND	0.07	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	0.17	ND	0.06	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	0.19	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	0.21	ND	0.05	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	0.14	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	0.16	ND	0.06	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	0.13	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

GW-27S	0.16	ND	1.98	12.16	0.99	0.26	1.28	ND	ND	ND	ND	ND
SVOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jul. 2009	Dec. 2009	Nov. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
Benzo(a)anthracene	0.05	ND	0.42	0.08	0.23	0.07	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	0.26	0.08	0.13	0.06	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.11	ND	0.36	ND	0.15	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	0.30	ND	0.13	0.05	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	0.32	ND	0.17	0.07	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene.	ND	ND	0.08	ND	0.06	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	0.17	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	1.2	ND	ND	1.1	ND	ND	ND	ND	ND

SW-2	0.42	0.98	0.056	ND	ND	ND
SVOCs (ug/L)	09/05/2006	12/14/2012	01/17/2014	12/03/2015	12/09/2016	09/06/2017
Benzo(a)anthracene	0.070	0.13	ND	ND	ND	ND
Benzo(a)pyrene	0.060	0.15	ND	ND	ND	ND
Benzo(b)fluoranthene	0.17	0.32	ND	ND	ND	ND
Chrysene	0.080	0.24	ND	ND	ND	0.052
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.060	0.14	0.056	ND	ND	ND

GW-5	0.726	0.056	ND	ND	ND
PAHs (ug/L)	12/02/2011	12/14/2012	12/03/2015	12/09/2016	09/06/2017
Naphthalene	0.53	ND	ND	ND	ND
Fluorene	0.13	ND	ND	ND	ND
Phenanthrene	0.066	ND	ND	ND	ND
Chrysene	ND	0.056	ND	0.90	ND
Benzo(a)anthracene	ND	ND	ND	1.00	ND
Benzo(a)pyrene	ND	ND	ND	0.35	ND
Benzo(b)fluoranthene	ND	ND	ND	0.95	ND
Dibenz(a,h)anthracene	ND	ND	ND	0.74	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	0.15	ND

GW-11S	ND	ND	0.26	0.27	ND	0.48	ND	ND	ND	1.44	0.057	0.057
SVOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jun. 2009	Dec. 2009	Nov. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
Benzo(a)pyrene	ND	ND	ND	0.13	0.07	ND	0.08	ND	ND	ND	0.22	ND	0.17
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	0.11	ND	ND	ND	0.51	ND	0.36
Chrysene	ND	ND	ND	0.06	ND	0.09	ND	ND	ND	ND	0.31	0.057	0.28
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	0.08	ND	0.10	ND	ND	ND	0.15	ND	0.14	
Benzo(a)anthracene	ND	ND	ND	0.13	0.06	ND	0.10	ND	ND	ND	0.18	ND	0.14

GW-23S	ND	ND	2.21	16	3.48	16	1.423	0.059	ND	ND	ND	ND
SVOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jul. 2009	Dec. 2009	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
Indeno(1,2,3-cd)pyrene	ND	0.16	0.34	ND	0.62	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	0.17	0.55	ND	0.63	ND	ND	0.059	ND	ND	ND	ND
Benzo(a)pyrene	ND	0.15	0.42	ND	0.51	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	0.17	0.30	ND	0.61	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	0.16	0.30	ND	0.45	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	0.15	0.30	ND	0.66	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	16	ND	16	0.80	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	0.083	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	0.33	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	0.21	ND	ND	ND	ND	ND

GW-13S	ND	ND	12.31	16.05	13.28	0.67	30.92	17	15	19	ND	16
SVOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jul. 2009	Dec. 2009	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
Acenaphthene	ND	ND	12	16	11	ND	22	17	15	19	ND	16
Benzo(a)anthracene	ND	ND	0.10	ND	0.48	0.18	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	0.06	0.05	0.32	0.09	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	0.08	ND	0.36	0.09	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	0.07	ND	0.43	0.11	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	0.37	0.10	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	0.32	0.10	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	0.79	ND	ND	ND	ND	ND
1-Methylnaphthalene	ND	ND	ND	ND	ND	ND	0.92	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	0.71	ND	ND	ND	ND	ND

GW-1S	ND	NS
SVOCs (ug/L)	Jun. 2007	Sept. 2017
	ND	NS

GW-3S	ND	NS
SVOCs (ug/L)	Jun. 2007	Sept. 2017
2,4-Dinitrotoluene	ND	NS
2,6-Dinitrotoluene	ND	NS
Benzo(a)pyrene	ND	NS
Benzo(b)fluoranthene	ND	NS
Dibenzo(a,h)anthracene	ND	NS
Indeno(1,2,3-cd)pyrene	ND	NS

SW-3	ND	ND	0.136	ND	ND
PAHs (ug/L)	12/02/2011	12/14/2012	01/17/2014	12/09/2014	09/06/2017
Chrysene	ND	ND	0.084	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	0.082	ND	ND

PZ-1	ND
SVOCs (ug/L)	Sept. 2017
	ND

PZ-2	0.27
SVOCs (ug/L)	Sept. 2017
Benzo(a)anthracene	0.13
Chrysene	0.12

PZ-3	ND
SVOCs (ug/L)	Sept. 2017
	ND

PZ-4	ND
SVOCs (ug/L)	Sept. 2017
	ND

GW-14S	ND	ND
SVOCs (ug/L)	Jun. 2007	Sept. 2017
	ND	ND

GW-45S	ND
SVOCs (ug/L)	Sept. 2017
	ND

GW-46S	ND
SVOCs (ug/L)	Sept. 2017
	ND

GW-47S	5393.0
SVOCs (ug/L)	Sept. 2017
1-Methylnaphthalene	730
2-Methylnaphthalene	1400
Acenaphthene	710
Anthracene	15
Benzo(a)anthracene	0.84
Benzo(b)fluoranthene	0.11
Chrysene	1
Fluoranthene	33
Fluorene	370
Naphthalene	1900
Phenanthrene	310
Pyrene	23

GW-15S	ND	ND
SVOCs (ug/L)	Jun. 2007	Sept. 2017
	ND	ND

SW-1	0.64	ND	ND	ND	ND	ND	ND
SVOCs (ug/L)	09/05/2006	12/02/2011	12/15/2012	01/17/2014	12/03/2015	12/09/2016	09/06/2017
Benzo(a)anthracene	0.050	ND	ND	ND	ND	ND	0.005
Benzo(a)pyrene	0.17	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.21	ND	ND	ND	ND	ND	ND
Chrysene	0.060	ND	ND	ND	ND	ND	0.074
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.15	ND	ND	ND	ND	ND	ND

SW-4	2.576	ND	ND	ND	ND	ND
PAHs (ug/L)	12/02/2011	12/14/2012	01/17/2014	12/03/2015	12/09/2016	09/06/2017
Benzo(a)anthracene	ND	ND	ND	0.12	ND	ND
Chrysene	ND	ND	ND	0.22	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	0.23	ND	ND
Naphthalene	2.3	ND	ND	ND	ND	ND
Fluorene	0.18	ND	ND	ND	ND	ND
Phenanthrene	0.096	ND	ND	ND	ND	ND

GW-24S	ND	ND	0.08	0.06	2.04	0.79	9003.6	ND	ND	ND	ND	ND
SVOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jul. 2009	Dec. 2009	Dec. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
Benzo(a)anthracene	ND	ND	0.08	ND	0.46	0.18	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	0.30	0.12	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	0.29	0.13	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	0.27	0.14	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	0.36	0.12	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	0.06	0.36	0.12	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	7100	ND	ND	ND	ND	ND
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	780	ND	ND	ND	ND	ND
1-Methylnaphthalene	ND	ND	ND	ND	ND	ND	460	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	17	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	250	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	130	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	250	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	15	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND

SW-5	ND	ND	0.26	0.27	ND	0.48	ND	ND	ND	1.44	0.057	0.057
SVOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jun. 2009	Dec. 2009	Nov. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
Benzo(a)pyrene	ND	ND	ND	0.13	0.07	ND	0.08	ND	ND	ND	0.22	ND	0.17
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	0.11	ND	ND	ND	0.51	ND	0.36
Chrysene	ND	ND	ND	0.06	ND	0.09	ND	ND	ND	ND	0.31	0.057	0.28
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	0.08	ND	0.10	ND	ND	ND	0.15	ND	0.14	
Benzo(a)anthracene	ND	ND	ND	0.13	0.06	ND	0.10	ND	ND	ND	0.18	ND	0.14

SW-6	ND
SVOCs (ug/L)	09/06/2017
	ND

SW-7	ND
SVOCs (ug/L)	09/06/2017
	ND

SW-8	ND
SVOCs (ug/L)	09/06/2017
	ND

SW-9	ND
SVOCs (ug/L)	09/06/2017
	ND

GW-18S	1.01	ND	2.04	3.37	ND	ND	3.712	0.063	0.057	0.759	1.222	0.063
SVOCs (ug/L)	Jun. 2007	Dec. 2007	Jun. 2008	Feb. 2009	Jun. 2009	Dec. 2009	Nov. 2011	Dec. 2012	Jan. 2014	Dec. 2015	Dec. 2016	Sept. 2017
Benzo(a)anthracene	0.32	ND	0.74	0.65	ND	ND	0.092	ND	ND	ND	0.092	ND
Benzo(a)pyrene	0.08	ND	0.34	0.44	ND	ND	0.29	ND	ND	0.089	0.17	ND
Benzo(b)fluoranthene	0.32	ND	0.66	0.69	ND	ND	0.81	ND	ND	0.35	0.48	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	0.10	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	0.57	ND	ND	ND	ND	ND
Chrysene	0.17	ND	ND	0.65	ND	ND	0.40	0.063	ND	0.21	0.29	0.063
Indeno(1,2,3-cd)pyrene	0.12	ND	0.30	0.48	ND	ND	0.41	ND	0.057	0.11	0.19	ND
Dibenzo(a,h)anthracene	ND	ND	ND	0.46	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	0.41	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	0.22	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	0.41	ND	ND	ND	ND	ND

SCREENING VALUE (HSRA TABLE 1 APX III)			GA INSTREAM WATER QUALITY STANDARDS	
Compound (SVOCs)				
1,1-Biphenyl	–		–	
2,4-Dimethylphenol	700	ug/L	–	
2-Methylphenol	–		–	
4-Methylphenol	–		–	
Acenaphthene	2,000	ug/L	2,700	ug/L
Anthracene	–		110,000	ug/L
Benzo(a)anthracene	0.1	ug/L	0.0311	ug/L
Benzo(a)pyrene	0.2	ug/L	0.0311	ug/L
Benzo(b)fluoranthene	0.2	ug/L	0.0311	ug/L
Carbazole	–		–	
Chrysene	0.2	ug/L	0.0311	ug/L
Dibenzo(a,h)anthracene	0.3	ug/L	0.0311	ug/L
Dibenzofuran	–		–	
Fluoranthene	1,000	ug/L	370	ug/L
Fluorene	1,000	ug/L	14,000	ug/L
Indeno(1,2,3-cd)pyrene	0.4	ug/L	0.0311	ug/L
Naphthalene	20	ug/L	–	
Phenanthrene	–		–	
Pyrene	1,000	ug/L	11,000	ug/L

LEGEND

- ⊗ = WELL LOCATION
- GW-3D = MONITORING WELL I.D.
- 0.07 = CONCENTRATION IN ug/L
- 0.43 = TOTAL SVOC CONCENTRATION IN ug/L (ND considered 0)
- 2500 ug/L = DETECTION ABOVE THE SCREENING VALUE
- NA = NOT ANALYZED
- ND = NON-DETECT
- NS = NOT SAMPLED
- ↓ = LOCATION WHERE GROUNDWATER WAS TREATED USING MODIFIED FENTON'S REAGENT

SCALE IN FEET
50 0 100

CLIENT:	Georgia Department of Transportation	TITLE:	SVOCs Analytical Results in Shallow Zone Groundwater and Surface Water from June 2007 to March 2018
PROJECT:	Walker Street Site, Former GADOT Maintenance Facility		
DATE:	April 2018	DESIGNED BY:	Aecom
SCALE:	As Shown	DRAWN BY:	J.P. Vigil
FILE:	FIG 11 and 12-SVOCs Concentrations-Deep.dwg	CHECKED BY:	
		PROJ. NO:	60440866
		TASK:	5
		FIGURE:	6b

AECOM

GW-20I	NS	0.29	ND	49.38	ND	ND	326	ND	356	201
SVOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Acenaphthene	NS	ND	ND	ND	ND	ND	13	ND	10	11
Dibenzo(a,h)anthracene	NS	0.14	ND	0.16	ND	ND	ND	ND	ND	ND
Dibenzofuran	NS	ND	ND	ND	ND	ND	16	ND	ND	15
Fluorene	NS	ND	ND	ND	ND	ND	13	ND	12	11
Indeno(1,2,3-cd)pyrene	NS	0.15	ND	0.22	ND	ND	ND	ND	ND	ND
Naphthalene	NS	ND	ND	49	ND	56	210	29	270	120
Phenanthrene	NS	ND	ND	ND	ND	ND	24	ND	16	20

GW-6I	1722	2415.51	2502.25	1252.34	416.19	1638.34	1614.26	1419.3	2095.31	1652.32
SVOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
1,1'-Biphenyl	NS	15	24	ND	ND	10	19	16	12	18
Acenaphthene	61	12	14	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	0.24	0.12	0.27	0.08	0.19	0.16	0.41	0.17	0.16
Benzo(a)pyrene	ND	ND	ND	ND	0.05	ND	ND	0.05	ND	ND
Benzo(b)fluoranthene	ND	0.050	ND	ND	ND	ND	ND	0.29	ND	ND
Chrysene	ND	0.22	0.13	0.070	0.06	0.15	0.1	0.19	0.14	0.11
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	0.28	ND	ND
Dibenzofuran	NS	36	47	21	ND	33	39	29	38	38
Flouranthene	ND	11	11	ND	ND	ND	ND	ND	ND	ND
Fluorene	41	17	20	12	ND	15	13	11	12	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	0.36	ND	0.05
Naphthalene	1400	2100	2100	1100	390	1400	1300	1200	1800	1400
Phenanthrene	49	43	49	21	ND	29	38	23	28	31

GW-27I	7309	13939.38	10361.34	6339.27	9696.15	11080.34	11405.35	10759.03	13461.31	10919.35
SVOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	Jun 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
1,1'-Biphenyl	NS	68	59	61	68	90	85	95	130	110
Acenaphthene	230	470	400	200	310	350	400	440	380	450
Anthracene	ND	10	11	ND	ND	ND	ND	11	11	12
Benzo(a)anthracene	ND	0.20	0.14	0.22	0.09	0.2	0.24	0.39	0.21	0.20
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	0.29	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	0.33	ND	ND
Carbazole	NS	290	220	150	240	220	230	150	190	190
Chrysene	ND	0.18	0.12	0.050	0.06	0.14	0.11	0.21	0.11	0.15
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	0.97	ND	ND
Dibenzofuran	NS	310	250	120	160	230	260	300	240	270
Fluoranthene	ND	11	11	130	130	180	ND	10	10	10
Fluorene	100	270	200	ND	ND	ND	150	160	200	210
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	0.84	ND	ND
Naphthalene	5900	11000	7900	5000	7700	8800	8800	8100	11000	8600
Phenanthrene	79	150	130	88	88	130	120	120	140	170

GW-14I	ND	ND	ND	ND	ND	ND	ND	0.24	ND	ND
SVOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	Jun 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Indendo(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	0.13	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	0.11	ND	ND

GW-5I	ND	ND	ND	ND	ND	ND	ND	0.30	ND	ND
SVOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	0.18	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	0.06	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	0.06	ND	ND

GW-12I	ND	ND	11	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Caprolactam	ND	ND	11	ND	ND	ND	ND	ND	ND	ND

GW-3I	ND	ND	ND	ND	ND	ND	ND	0.95	ND	ND
SVOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	0.38	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	0.15	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	0.12	ND	ND

GW-12D	ND	0.10	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Benzo(a)anthracene	ND	0.10	ND	ND	ND	ND	ND	ND	ND	ND

GW-24I	2453	5468.93	5575.13	4180.58	3394	3907.63	4940.91	2522.83	3444.52	3152.92
SVOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
1,1'-Biphenyl	NS	79	66	ND	19	46	63	ND	38	37
Acenaphthene	180	320	320	270	190	230	310	240	280	260
Acenaphthylene	11	17	15	15	15	13	17	13	16	12
Anthracene	ND	21	14	11	ND	10	15	10	15	12
Benzo(a)anthracene	ND	9.5	1.4	0.29	0.46	0.33	0.61	1	1.9	0.94
Benzo(a)pyrene	ND	1.6	0.17	0.050	0.050	ND	ND	0.11	0.17	0.090
Benzo(b)fluoranthene	ND	3.1	0.36	ND	0.14	ND	ND	0.19	0.45	0.23
Carbazole	NS	130	120	76	95	89	77	16	56	31
Chrysene	ND	7.5	1.2	0.17	0.35	0.23	0.3	0.48	1.0	0.66
Dibenzofuran	NS	290	290	250	150	220	280	200	250	240
Fluoranthene	32	120	38	18	14	19	26	21	36	25
Fluorene	120	250	230	190	120	140	220	180	210	200
Indeno(1,2,3-cd)pyrene	ND	0.23	ND	0.070	ND	0.07	ND	0.05	ND	ND
Naphthalene	1300	2600	3000	2300	1900	2000	2500	880	1400	1400
Phenanthrene	150	430	280	210	130	200	270	190	240	260
Pyrene	20	70	19	ND	ND	ND	12	11	20	14

GW-11I	3326	1591.07	2810	2169.17	3660	3119.21	3119.21	2659.39	1979	2090.05
SVOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
1,1'-Biphenyl	NS	18	36	23	46	38	42	40	36	38
Acenaphthene	21	ND	19	18	33	30	33	35	34	38
Benzo(a)anthracene	ND	ND	ND	0.050	ND	ND	0.13	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	0.080	ND	ND	0.11	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	0.16	ND	0.1	0.28	0.19	ND	ND
Carbazole	NS	21	26	28	45	41	40	38	33	31
Chrysene	ND	ND	ND	0.080	ND	0.06	0.13	0.07	ND	ND
Dibenzofuran	NS	40	75	58	94	85	91	89	73	86
Fluoranthene	ND	ND	ND	1.7	ND	ND	ND	ND	ND	ND
Fluorene	35	16	29	21	38	34	37	37	32	36
Indeno(1,2,3-cd)pyrene	ND	0.070	ND	0.10	ND	0.05	0.16	0.13	ND	0.050
Naphthalene	2800	1300	2300	1800	3000	2500	2700	2100	1500	1600
Phenanthrene	60	28	45	35	54	51	58	50	41	49

GW-23I	ND	ND	ND	0.50	ND	ND	ND	ND	ND	ND
SVOCs (ug/L)	Apr 2004	Sep 2004	Dec 2004	Mar 2005	June 2005	Aug 2005	Dec 2005	Mar 2006	Jun 2006	Dec 2006
Benzo(a)pyrene	ND	ND	ND	0.080	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	0.23	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	0.19	ND	ND	ND	ND	ND	ND

LEGEND

- ⊗ = WELL LOCATION
- GW-3D = MONITORING WELL I.D.
- 0.07 = CONCENTRATION IN ug/L
- 0.61 = TOTAL SVOC CONCENTRATION IN ug/L (ND considered 0)
- 49 ug/L = DETECTION ABOVE THE SCREENING VALUE
- ND = NON-DETECT
- NS = NOT SAMPLED

SCREENING VALUE (HSRA TABLE 1 APX III)

Compound (SVOCs)		
1,1'-Biphenyl	–	
2,4-Dimethylphenol	700	ug/L
2-Methylphenol	–	
4-Methylphenol	–	
Acenaphthene	2,000	ug/L
Anthracene	–	
Benzo(a)anthracene	0.1	ug/L
Benzo(a)pyrene	0.2	ug/L
Benzo(b)fluoranthene	0.2	ug/L
Carbazole	–	
Chrysene	0.2	ug/L
Dibenzo(a,h)anthracene	0.3	ug/L
Dibenzofuran	–	
Fluoranthene	1,000	ug/L
Fluorene	1,000	ug/L
Indeno(1,2,3-cd)pyrene	0.4	ug/L
Naphthalene	20	ug/L
Phenanthrene	–	

SCALE IN FEET
0 50 100

N

CLIENT: Georgia Department of Transportation		TITLE: Historical SVOCs Analytical Results in Intermediate and Deep Zone Groundwater (April 2004 to December 2006)	
PROJECT: Walker Street Site, Former GADOT Maintenance Facility			
DATE: January 2017	DESIGNED BY: AECOM	AECOM	PROJ NO: 60440866
SCALE: As Shown	DRAWN BY: B.T.		TASK: 5
FILE: FIG 11 and 12-SVOCs Concentrations-Deep.dwg	CHECKED BY: J.P. Vigil		FIGURE: 17a

GW-31I	3240.20	5080	4454.8	4436	658	1523	968	1886	1371	1162	796
SVOCs (ug/L)	Dec 2011	Dec 2012	Jan 2014	Dec 2015	Apr 2016	May 2016	Oct 2016	Dec 2016	Sept 2017	Dec 2017	Mar 2018
Naphthalene	2700	4300	3600	3800	480	1300	810	1600	1100	1000	710
Acenaphthene	40	81	81	77	ND	ND	31	57	43	50	31
Fluorene	16	33	62	59	25	41	33	52	42	51	28
Phenanthrene	52	96	100	90	30	37	29	57	47	61	27
Fluoranthene	2.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	48	ND	ND	ND

GW-6D	0.85	0.85	3.12	0.05	ND	ND	0.73	ND	ND	0.06	ND	ND	ND
SVOCs (ug/L)	Jun 2007	Dec 2007	Dup	June 2008	Feb 2008	Jul 2009	Dec 2009	Nov 2011	Dec 2012	Jan 2014	Dec 2015	Dec 2016	Sept 2017
Benzo(a)pyrene	0.070	0.07	0.49	0.050	ND	ND	0.12	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	0.40	ND	0.51	ND	ND	ND	0.12	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.38	0.07	0.51	ND	ND	ND	0.12	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	0.07	0.52	ND	ND	ND	0.13	ND	ND	ND	ND	ND	ND
Chrysene	ND	0.08	0.52	ND	ND	ND	0.13	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	0.57	ND	ND	ND	0.11	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06	ND	ND	ND

GW-29I	1785.60	ND	45	30	1.605	11
SVOCs (ug/L)	Dec 2011	Dec 2012	Jan 2014	Dec 2015	Dec 2016	Sept 2017
Naphthalene	1200	ND	45	30	ND	ND
Acenaphthene	52	ND	ND	ND	ND	ND
Fluorene	66	ND	ND	ND	ND	ND
Phenanthrene	140	ND	ND	ND	ND	11
Fluoranthene	1.2	ND	ND	ND	ND	ND
Pyrene	3.6	ND	ND	ND	ND	ND
Benz(a)anthracene	ND	ND	ND	0.34	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	0.38	ND	ND
Benzo(a)pyrene	ND	ND	ND	0.14	ND	ND
Chrysene	ND	ND	ND	0.33	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	0.33	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	0.085	ND	ND

GW-20I	135.05	163.18	110.90	1.85	ND	144.32	220.79	281	ND	97	ND	ND	88	ND	ND	59	14.05
SVOCs (ug/L)	Jun 2007	Dec 2007	Jun 2008	Feb 2009	Jul 2009	Dec 2009	Nov 2011	Dec 2012	Jan 2014	Dec 2015	Apr 2016	May 2016	Oct 2016	Dec 2016	Sept 2017	Dec 2017	Mar 2018
Acenaphthene	ND	ND	ND	ND	ND	ND	9.1	ND	ND	ND	ND	ND	ND	ND	16	ND	ND
Benzo(a)anthracene	0.050	0.06	0.02	0.06	ND	0.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	0.15	0.29	ND	0.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	0.12	0.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	0.11	0.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	0.07	0.18	0.36	ND	0.09	ND	ND	ND	ND	ND	ND	ND	ND	0.06	ND	0.053
Dibenzofuran	10	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	ND	11	ND	ND	ND	10	8.3	ND	ND	ND	ND	ND	ND	ND	14	ND	ND
Indeno(1,2,3-cd)pyrene	ND	0.05	0.12	0.28	ND	0.07	ND	ND	ND	ND	ND	ND	ND	ND	0.055	ND	ND
Naphthalene	100	120	88	ND	ND	98	160	230	ND	97	ND	ND	78	ND	170	47	14
Phenanthrene	12	20	11	ND	ND	22	13	16	ND	ND	ND	ND	ND	ND	20	12	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	0.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

GW-6I	4732.5	1662.59	1131.75	1311.79	6134.52	2534.45	5067.19	21	328	ND	ND
SVOCs (ug/L)	Jun 2007	Dec 2007	Jun 2008	Feb 2009	Jul 2009	Dec 2009	Nov 2011	Dec 2012	Jan 2014	Dec 2015	Dec 2016	Sept 2017
1,1'-Biphenyl	30	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Acenaphthylene	ND	ND	ND	ND	ND	ND	2.9	ND	ND	ND	ND	ND
Acenaphthene	55	ND	ND	ND	150	11	85	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.83	0.24	0.86	0.41	0.89	0.27	0.24	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.06	ND	0.41	0.06	0.10	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.17	0.11	0.35	ND	NA	ND	ND	ND	ND	ND	ND	ND
Carbazole	29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	0.44	0.24	0.40	0.32	0.45	0.18	0.18	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	0.34	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	60	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA
Fluoranthene	8.0	NA	ND	ND	10	ND	4.4	ND	ND	ND	ND	ND
Fluorene	28	ND	10	13	62	15	53	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	0.39	ND	0.08	ND	ND	ND	ND	ND	ND	ND
Naphthalene	4100	1500	990	1100	5200	2200	4500	21	310	ND	ND	ND
Phenanthrene	39	20	20	28	61	38	39	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	0.47	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	2.0	ND	ND	ND	ND	ND

GW-26I	2.61	ND	22	1.63	ND	ND	ND	ND	ND	ND
SVOCs (ug/L)	Jun 2008	Feb 2009	Jul 2009	Dec 2009	Nov 2011	Dec 2012	Jan 2014	Dec 2015	Dec 2016	Sept 2017
Benzo(a)anthracene	0.50	ND	ND	0.28	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.45	ND	ND	0.30	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.63	ND	ND	0.26	ND	ND	ND	ND	ND	ND
Chrysene	0.37	ND	ND	0.25	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	0.31	ND	ND	0.28	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.35	ND	ND	0.26	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	22	ND	ND	ND	ND	ND	ND	ND

GW-42I	47	ND	ND	ND	ND	859	243	154	0.14
SVOCs (ug/L)	Dec 2015	Apr 2016	May 2016	Oct 2016	Dec 2016	Sept 2017	Dec 2017	Dec 2017(DUP)	Mar 2018
Naphthalene	47	ND	ND	ND	ND	650	190	110	ND
Acenaphthene	ND	ND	ND	ND	ND	62	27	22	ND
Fluorene	ND	ND	ND	ND	ND	28	12	10	ND
Phenanthrene	ND	ND	ND	ND	ND	33	14	12	ND
Benz(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	0.067
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	0.069

GW-12D	ND	3.14	ND	4.3	19.34	1.44	ND	ND	ND	ND	ND	ND
SVOCs (ug/L)	Jun 2007	Dup	Dec 2007	Jun 2008	Feb 2009	Jul 2009	Dec 2009	Dec 2011	Dec 2012	Jan 2014	Dec 2015	Dec 2016	Sept 2017
Benzo(a)anthracene	ND	0.48	ND	1.2	0.25	0.46	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	0.50	ND	0.64	0.21	0.17	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	0.51	ND	0.51	0.24	0.19	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	0.52	ND	0.67	0.27	0.27	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	0.58	ND	0.61	0.18	0.17	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	0.55	ND	0.67	0.19	0.18	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	18	ND	ND	ND	ND	ND	ND	ND	ND

GW-22I	ND	ND	NS
SVOCs (ug/L)	Jun 2007	Dec 2007	Sept 2017
Benzo(a)anthracene	ND	ND	NS
Benzo(a)pyrene	ND	ND	NS

GW-12I	ND	5.64	5.64	0.10	0.72	ND	ND	ND	0.157	ND	ND	ND
SVOCs (ug/L)	Jun 2007	Dec 2007	Jun 2008	Feb 2009	Jul 2009	Dec 2009	Dec 2011	Dec 2012	Jan 2014	Dec 2015	Dec 2016	Sept 2017
Benzo(a)anthracene	ND	0.88	0.14	ND	0.42	ND	ND	ND	0.053	ND	ND	ND
Benzo(a)pyrene	ND	0.91	0.14	ND	0.050	ND	ND	ND	0.051	ND	ND	ND
Benzo(b)fluoranthene	ND	0.99	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	0.88	ND	0.10	0.20	ND	ND	ND	0.053	ND	ND	ND
Dibenz(a,h)anthracene	ND	1.0	ND	ND	0.12	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	0.98	ND	ND	0.050	ND	ND	ND	ND	ND	ND	ND

GW-5I	ND	NS
SVOCs (ug/L)	Jun 2007	Sept 2017
Benzo(a)anthracene	ND	NS
Chrysene	ND	NS
Indeno(1,2,3-cd)pyrene	ND	NS

GW-43I	2986	ND	ND	ND	ND	120	37	22	13
SVOCs (ug/L)	Dec 2015	Oct 2016	Dec 2016	Oct 2016	Dec 2016	Sept 2017	Dec 2017	Mar 2018	Mar 2018 (DUP)
Acenaphthene	110	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	97	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	2500	ND	ND	ND	ND	120	37	22	13
Phenanthrene	160	ND	ND	ND	ND	ND	ND	ND	ND

GW-14I	ND	NS
SVOCs (ug/L)	Jun 2007	Sept 2017
Indeno(1,2,3-cd)pyrene	ND	NS
Dibenz(a,h)anthracene	ND	NS

GW-30I	441.01	ND	0.377	ND	ND
SVOCs (ug/L)	Dec 2011	Dec 2012	Jan 2014	Dec 2016	Sept 2017
Naphthalene	300	ND	ND	ND	ND
Fluorene	2.1	ND	ND	ND	ND
Phenanthrene	8.7	ND	ND	ND	ND
Fluoranthene	0.21	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	0.06	ND	ND
Chrysene	ND	ND	0.067	ND	ND
Dibenz(a,h)anthracene	ND	ND	0.11	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	0.14	ND	ND

GW-32I	0.546	7886	8045	19	ND	ND	ND	ND	15	ND
SVOCs (ug/L)	Dec 2011	Dec 2012	Jan 2014	Apr 2016	May 2016	Oct 2016	Dec 2016	Sept 2017	Dec 2017	Mar 2018
Acenaphthene	ND	220	250	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	12	12	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	100	120	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	6200	6200	19	ND	ND	ND	ND	15	ND
Phenanthrene	0.056	220	230	ND	ND	ND	ND	ND	ND	ND
Anthracene	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	0.14	14	13	ND	ND	ND	ND	ND	ND	ND
Pyrene	0.23	ND	ND	ND	ND	ND	ND	ND	ND	ND

GW-27I	7.3	1.61	12	3.8	ND	ND	ND	ND	ND	ND
SVOCs (ug/L)	Dec 2007	Jun 2008	Feb 2009	Jun 2009	Dec 2009	Nov 2011	Dec 2012	Jan 2014	Dec 2015	Dec 2016	Sept 2017
Benzo(a)anthracene	1.1	0.29	ND	0.85	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	1.2	0.32	ND	0.55	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1.4	0.22	ND	0.63	ND	ND	ND	ND	ND	ND	ND
Chrysene	1.2	0.28	ND	0.64	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	1.2	0.24	ND	0.56	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	1.2	0.26	ND	0.57	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND

GW-33I	3140.40	4259.55	1746.19	34820	35	112.05	ND	55	ND	48	ND
SVOCs (ug/L)	Dec 2011	Dec 2012	Jan 2014	Dec 2015	Apr 2016	May 2016	Oct 2016	Dec 2016	Sept 2017	Mar 2018	
Naphthalene	2500	3600	1500	9700	35	97	ND	55	ND	48	ND
Acenaphthene	43	ND	ND	3400	ND	ND	ND	ND	ND	ND	ND
Fluorene	3.6	ND	ND	920	ND	ND	ND	ND	ND	ND	ND
Pyrene	5.8	ND	ND	2400	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1.3	1.5	ND	2900	ND	ND	ND	ND	ND	ND	ND
Fluorene	45	34	32	2500	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	140	170	62	6400	ND	13	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	0.32	0.11	690	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	0.23	0.081	510	ND	0.53	ND	ND	ND	ND	ND

GW-3I	ND	ND	ND	1.2	1.2	0.18	0.66	ND	0.482	ND	ND	ND
SVOCs (ug/L)	Jun 2007	Dec 2007	Jun 2008	Feb 2009	Jul 2009	Dec 2009	Dec 2011	Dec 2012	Jan 2014	Dec 2015	Dec 2016	Sept 2017
Benzo(a)anthracene	ND	ND	ND	0.32	0.34	0.11	0.11	ND	0.05	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	0.15	0.10	ND	ND	ND	0.074	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	0.31	0.12	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	0.13	0.18	0.07	ND	ND	0.078	ND	ND	ND
Dibenzo(a,h)anthracene	ND	ND	ND	0.14	0.11	ND	ND	ND	0.13	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	0.15	0.12	ND	ND	ND	0.15	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	0.66	ND	ND	ND	ND	ND

GW-28I	774	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/L)	Dec 2015	Apr 2016	May 2016	Oct 2016	Dec 2016	Sept 2017	Dec 2017	Mar 2018	
Fluorene	42	ND	ND	ND	ND	ND	ND	ND	
Naphthalene	550	ND	ND	ND	ND	ND	ND	ND	
Phenanthrene	100	ND	ND	ND	ND	ND	ND	ND	

GW-28D	1.1	ND	ND	ND	ND
SVOCs (ug/L)	Dec 2011	Dec 2012	Jan 2014	Dec 2016	Sept 2017
Naphthalene	1.1	ND	ND	ND	ND

GW-15I	ND
SVOCs (ug/L)	Sept 2017
	ND

GW-16I	0.8	ND	1.44	ND	0.902	ND	ND	ND	ND
SVOCs (ug/L)	Dec 2007	Jun 2008	Feb 2009	Jul 2009	Dec 2009	Nov 2011	Dec 2012	Jan 2014	Dec 2015	Dec 2016	Sept 2017
Benzo(a)anthracene	0.13	ND	0.27	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.13	ND	0.22	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.15	ND	0.26	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.13	ND	0.30	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	0.12	ND	0.18	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.14	ND	0.21	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	0.56	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	0.26	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	0.082	ND	ND	ND	ND	ND	ND

GW-23I	ND	0.54	2.38	0.48	0.54	0.27	ND	ND	ND	ND	ND	ND
SVOCs (ug/L)	Jun 2007	Dec 2007	Jun 2008	Feb 2009	Jul 2009	Dec 2009	Dec 2011	Dec 2012	Jan 2014	Dec 2015	Dec 2016	Sept 2017
Benzo(a)pyrene	ND	0.11	0.54	0.10	0.08	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	0.11	0.50	0.14	0.18	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	0.12	0.59	0.12	0.29	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	0.12	0.50	0.15	0.09	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	0.26	ND	0.09	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	0.08	0.29	0.09	0.09	0.15	ND	ND	ND	ND	ND	ND

GW-18I	0.16	ND	0.60	ND	ND	0.05	0.97	ND	ND	ND	ND	ND
SVOCs (ug/L)	Dec 2007	Jun 2008	Feb 2009	Dup	Jul 2009	Dec 2009	Nov 2011	Dec 2012	Jan 2014	Dec 2015	Dec 2016	Sept 2017
Benzo(a)anthracene	ND	ND	0.13	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.05	ND	0.10	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.11	ND	0.11	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.05	ND	0.15	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.06	ND	ND	ND	ND	0.05	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	0.97	ND	ND	ND	ND	ND

GW-11D	0.70	NS
SVOCs (ug/L)	Jun. 2007	Sept 2017
Benzo(a)anthracene	0.27	NS
Benzo(a)pyrene	0.070	NS
Dibenzo(a,h)anthracene	0.26	NS
Indeno(1,2,3-cd)pyrene	0.10	NS

GW-24I	3230.15	2677.95	2218.04	3424.79	5501.80	7643.45	3185.50	2417.02	4080.62	2397.92	689.35	1428.39	1065.48	1800.04	476.26	506.87	342
SVOCs (ug/L)	Jun. 2007	Dec 2007	Jun 2008	Feb 2009	Jul 2009	Dec 2009	Dec 2011	Dec 2012	Jan 2014	Dec 2015	Apr 2016	May 2016	Oct 2016	Dec 2016	Sept 2017	Dec 2017	Mar 2018
1,1'-Biphenyl	220	NA	210	200	280	480	ND	220	150	300	180	130	150	110	230	100	66
Acenaphthene	12	12	10	12	24	15	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	18	13	15	27	34	10	9.5	ND	12	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	3.7	1.0	1.5	9.8	29	2.2	ND	0.92	0.38	0.61	0.68	0.71	0.77	0.69	0.59	0.45	0.27
Benzo(a)anthracene	0.39	0.28	0.25	1.8	5.4	0.35	ND	0.09	ND	ND	0.058	0.067	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.80	0.45	0.32	3.0	9.3	1.4	ND	0.25	ND	ND	0.14	0.15	0.14	0.14	0.12	ND	ND
Carbazole	69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	2.1	0.81	0.68	7.7	19	1.4	ND	0.76	0.24	0.31	0.47	0.46	0.57	0.53	0.55	0.42	0.24
Dibenz(a,h)anthracene	ND	0.18	0.14	0.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	190	NA	NA	NA	91	280	44	23	32	24	21	19	17	25	24	19	20
Fluoranthene	55	26	34	91	280	44	23	32	24	21	19	17	25	24	19	20	12
Fluorene	180	160	170	240	380	200	170	120	220	130	110	130	110	110	78	72	47
Indeno(1,2,3-cd)pyrene	0.06	0.23	0.17	0.46	1.1	0.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	1500	1400	980	1600	2000	6200	1800	1400	2200	1300	37	580	390	NA	ND	160	120
Phenanthrene	270	180	210	350	710	270	220	210	260	180	80	130	140	140	140	140	88
Pyrene	27	14	16	52	150	29	13	13	12	16	12	10	14	13	14	14	8.4

GW-44I	4822.86	261.61	27.35	717.82	3220.22	4890.6	2445	3930
SVOCs (ug/L)	Dec 2015	Apr 2016	May 2016	Oct 2016	Dec 2016	Sept 2017	Dec 2017	Mar 2018
Acenaphthene	460	89	25	94	240	420	310	320
Acenaphthylene	12	ND	ND	ND	ND	ND	ND	ND
Anthracene	16	ND	26	ND	ND	ND	15	ND
Benzo(a)anthracene	0.56	1.2	0.58	0.28	0.38	0.23	0.16	0.13
Benzo(a)pyrene	ND	ND	0.11	0.076	ND	0.10	ND	ND
Benzo(b)fluoranthene	ND	ND	0.18	0.12	0.20	0.11	ND	ND
Chrysene	0.30	1.2	0.51	0.42	0.46	0.33	0.21	0.14
Pyrene	14	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	20	1.3	ND	ND	ND	ND	ND	ND
Fluorene	220	38	ND	ND	ND	120	250	180
Indeno(1,2,3-cd)pyrene	NA	0.05	ND	ND	0.068	ND	ND	ND
Naphthalene	2400	15	ND	37	2000	2600	1800	3300
Phenanthrene	170	19	ND	13	59	200	140	130

GW-27I	13642.38	9091.93	9951.86	12697.49	8415.43	9598.49	9863.18	9651.23	10,694.34	10961.4	4050.2	907.34	1131.04	1800.04	4136.7	1800.04	2750
SVOCs (ug/L)	Jun. 2007	Dec 2007	Jun 2008	Feb 2009	Jul 2009	Dec 2009	Nov 2011	Dec 2012	Jan 2014	Dec 2015	Apr 2016	May 2016	Oct 2016	Dec 2016	Sept 2017	Dec 2017	Mar 2018
1,1'-Biphenyl	92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	620	340	370	530	360	24	280	360	370	510	190	200	160	230	350	320	290
Acenaphthylene	ND	ND	ND	ND	11	6.8	ND	ND	ND	11	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	11	11	14	12	12	7	11	12	11	11	ND	11	ND	10	11	ND
Benzo(a)anthracene	0.20	0.25	0.33	0.55	0.29	0.20	0.084	0.13	0.22	0.21	0.77	0.63	0.49	0.51	0.35	0.37	0.22
Benzo(a)pyrene	ND	0.12	0.11	0.41	ND	0.07	ND	ND	ND	ND	0.11	0.054	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	0.23	0.10	0.39	ND	ND	ND	ND	ND	ND	0.41	0.18	0.14	0.10	ND	ND	ND
Carbazole	350	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	0.11	0.24	0.13	0.49	0.14	0.16	ND	ND	0.13	0.16	0.85	0.48	0.41	0.43	0.36	0.38	0.22
Dibenz(a,h)anthracene	ND	ND	0.12	0.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	ND	ND	ND	ND	ND	ND	3.0	ND	ND	ND	ND	ND	ND	ND	10	ND	ND
Fluoranthene	ND	ND	ND	ND	13	12	6.3	ND	ND	12	18	15	19	16	15	19	10
Fluorene	290	170	160	260	180	200	140	180	210	240	98	120	110	140	200	170	140
Indeno(1,2,3-cd)pyrene	0.07	0.09	0.07	0.34	ND	0.06	ND	ND	ND	ND	0.064	ND	ND	ND	ND	ND	ND
Naphthalene	10000	7500	8100	10000	6500	7900	8000	7700	8700	8700	3100	110	530	950	2700	2200	2200
Phenanthrene	120	160	120	180	150	180	110	130	170	180	98	98	81	130	170	150	110

GW-17I	7.3	1.61	12	3.8	ND	ND	ND	ND	ND	ND
SVOCs (ug/L)	Dec 2007	Jun 2008	Feb 2009	Jun 2009	Dec 2009	Nov 2011	Dec 2012	Jan 2014	Dec 2015	Dec 2016	Sept 2017
Benzo(a)anthracene	1.1	0.29	ND	0.85	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	1.2	0.32	ND	0.55	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1.4	0.22

GW-8S
NS
GW-8D
GW-20S
140
GW-20I
100
10
GW-21I
GW-21S
NS
GW-7I
GW-31S
NS
GW-31I
10
100
GW-6S
NS
GW-6D
GW-6I
GW-29I
GW-29S
790
GW-22D
GW-22I
GW-14S
NS
GW-14I
GW-42I
GW-5S
NS
GW-5I
GW-30I
GW-30S
NS
GW-26S
NS
GW-26I
GW-25I
GW-25S
NS
GW-41S
ND
GW-27S
NS
GW-27I
100
500
1000
GW-12I
GW-12D
GW-12S
NS
LOTT BLDG
SUPPLY
LUMBER
STORAGE
AREA
CONC. PAD
GW-43I
GW-28I
GW-28D
GW-32I
GW-33I
GW-16I
GW-16S
NS
GW-1S
NS
GW-1I
GW-3S
NS
GW-3D
GW-3I
DRAINAGE SWALE
RIP RAP
GW-24I
GW-24S
NS
GW-23I
GW-23S
NS
GW-13I
GW-13S
NS
GW-15S
NS
GW-15I
GW-44I
GW-19S
NS
GW-19I
GW-10S
NS
GW-10I
GW-18I
GW-18S
NS
GW-11D
GW-11S
NS
GW-11I
GW-17I
GW-17S
NS

LEGEND

GW-3D	=	MONITORING WELL I.D.
⊗	=	WELL LOCATION
	=	NAPHTHALENE ISOCONCENTRATION CONTOUR > 20 ug/L (MAY BE INFERRED FROM HISTORICAL RESULTS)
24	=	CONCENTRATION IN ug/L
ND	=	NON DETECT
NS	=	NOT SAMPLED

SCALE IN FEET
50
0
N

CLIENT:	Georgia Department of Transportation	TITLE:	March 2018 Iso-concentration Map for Naphthalene in Shallow Zone Groundwater
PROJECT:	Walker Street Site, Former GADOT Maintenance Facility		
DATE:	07/17/18	DESIGNED BY:	AECOM
SCALE:	As Shown	DRAWN BY:	J.P. VIGIL
FILE:	FIG 14, 15, 16, 17.DWG	CHECKED BY:	Felix Nchako

AECOM

PROJ NO: 60440866
TASK: 5
FIGURE: 8

GW-8S
GW-8D
GW-20S
GW-20I
14
GW-21I
NS
GW-21S
GW-7I
NS
GW-31S
GW-31I
710
500
100
GW-6S
GW-6D
GW-6I
ND
NS
GW-29I
GW-29S
GW-22D
GW-22I
NS
GW-14S
GW-14I
NS
ND
GW-42I
GW-5S
GW-5I
NS
GW-30I
NS
GW-30S
GW-26S
GW-26I
NS
NS
GW-25I
GW-25S
GW-41S
GW-27S
GW-27I
2200
1000
500
22
GW-43I
ND
GW-28I
GW-28D
NS
GW-12I
GW-12D
GW-12S
LOTT BLDG
SUPPLY
LUMBER
STORAGE
AREA
CONC. PAD
GW-32I
ND
GW-33I
ND
NS
GW-16I
GW-16S
GW-1S
GW-1I
NS
GW-3S
GW-3D
GW-3I
NS
DRAINAGE SWALE
RIP RAP
120
GW-24I
GW-24S
3300
GW-44I
NS
GW-23I
GW-23S
GW-13I
NS
GW-13S
GW-15S
GW-15I
NS
GW-19S
GW-19I
NS
GW-10S
GW-10I
NS
GW-18I
NS
GW-18S
GW-11D
GW-11S
GW-11I
NS
1000
100
GW-17I
ND
GW-17S

LEGEND

GW-3D	=	MONITORING WELL I.D.
⊗	=	WELL LOCATION
	=	NAPHTHALENE ISOCONCENTRATION CONTOURS >20 ug/L (MAY BE INFERRED FROM PREVIOUS RESULTS)
24	=	CONCENTRATION IN ug/L
ND	=	NON DETECT
NS	=	NOT SAMPLED

SCALE IN FEET
50

CLIENT:	Georgia Department of Transportation	TITLE:	March 2018 Iso-concentration Map for Naphthalene in Intermediate Zone Groundwater
PROJECT:	Walker Street Site, Former GADOT Maintenance Facility		
DATE:	071/17/18	DESIGNED BY:	AECOM
SCALE:	As Shown	DRAWN BY:	J.P. VIGIL
FILE:	FIG 14, 15, 16, 17.DWG	CHECKED BY:	Felix Nchako

AECOM

PROJ NO: 60440866
TASK: 5
FIGURE: 9

GW-8S
NS
GW-8D
1.2
GW-20S
GW-20I
GW-21I
GW-21S
NS
GW-7I
NS
GW-31S
GW-31I
NS
GW-6S
GW-6D
GW-6I
5
GW-29I
GW-29S
19
10
GW-22D
GW-22I
GW-42I
GW-14S
NS
GW-14I
GW-5S
NS
GW-5I
GW-30I
GW-30S
NS
NS
GW-26S
GW-26I
GW-25I
GW-25S
NS
GW-41S
ND
GW-27S
NS
GW-27I
GW-43I
GW-12I
GW-12D
GW-12S
NS
10
5
LOTT BLDG
SUPPLY
LUMBER
STORAGE
AREA
GW-28I
GW-28D
GW-32I
GW-33I
GW-16I
GW-16S
NS
CONC. PAD
NS
GW-1S
GW-1I
NS
GW-3S
GW-3D
GW-3I
DRAINAGE SWALE
GW-24I
GW-24S
NS
GW-13I
GW-13S
NS
GW-15S
NS
GW-15I
GW-23I
GW-23S
NS
GW-44I
GW-19S
NS
GW-19I
GW-10I
GW-10S
NS
GW-18I
GW-18S
NS
GW-11D
GW-11S
NS
GW-11I
GW-17I
GW-17S
NS

LEGEND

GW-3D	= MONITORING WELL I.D.
⊗	= WELL LOCATION
	= BENZENE ISOCONCENTRATION CONTOUR >5ug/L (MAY BE INFERRED FROM PREVIOUS RESULTS)
24	= CONCENTRATION IN ug/L
ND	= NON DETECT
NS	= NOT SAMPLED OR ANALYZED

SCALE IN FEET
50 100

CLIENT:	Georgia Department of Transportation	TITLE:	March 2018 Iso-concentration Map for Benzene in Shallow Zone Groundwater
PROJECT:	Walker Street Site, Former GADOT Maintenance Facility		
DATE:	07/17/18	DESIGNED BY:	AECOM
SCALE:	As Shown	DRAWN BY:	J.P. Vigil
FILE:	FIG 14, 15, 16, 17.DWG	CHECKED BY:	Felix Nchako

AECOM

PROJ NO: 60440866
TASK: 5
FIGURE: 10

GW-8S
GW-8D
GW-20S
GW-20I
ND
GW-21I
NS
GW-21S
GW-7I
NS
GW-31S
GW-31I
2.7
GW-6S
GW-6D
GW-29I
NS
GW-29S
GW-6I
NS
GW-22D
GW-22I
NS
ND
GW-42I
GW-30S
GW-30I
NS
GW-14S
GW-14I
NS
GW-5S
GW-5I
NS
GW-26S
GW-26I
NS
NS
GW-25I
GW-25S
GW-41S
GW-27I
2.9
GW-27S
ND
GW-43I
ND
GW-28I
GW-28D
GW-12I
NS
GW-12D
GW-12S
LOTT BLDG
SUPPLY
LUMBER
STORAGE
AREA
CONC. PAD
GW-32I
ND
GW-33I
ND
NS
GW-16I
GW-16S
GW-1S
GW-1I
NS
GW-3S
GW-3D
GW-3I
2.7
DRAINAGE SWALE
GW-24I
ND
GW-24S
GW-15S
GW-15I
NS
GW-23I
NS
GW-23S
GW-13S
GW-13I
NS
GW-19S
GW-19I
NS
GW-10S
GW-10I
NS
ND
GW-44I
GW-18S
GW-18I
NS
GW-11S
GW-11D
GW-11I
NS
GW-17I
NS
GW-17S

LEGEND

GW-3D	=	MONITORING WELL I.D.
⊗	=	WELL LOCATION
	=	BENZENE ISOCONCENTRATION CONTOUR >5ug/L (MAY BE INFERRED FROM PREVIOUS RESULTS)
24	=	CONCENTRATION IN ug/L
ND	=	NON DETECT
NS	=	NOT SAMPLED

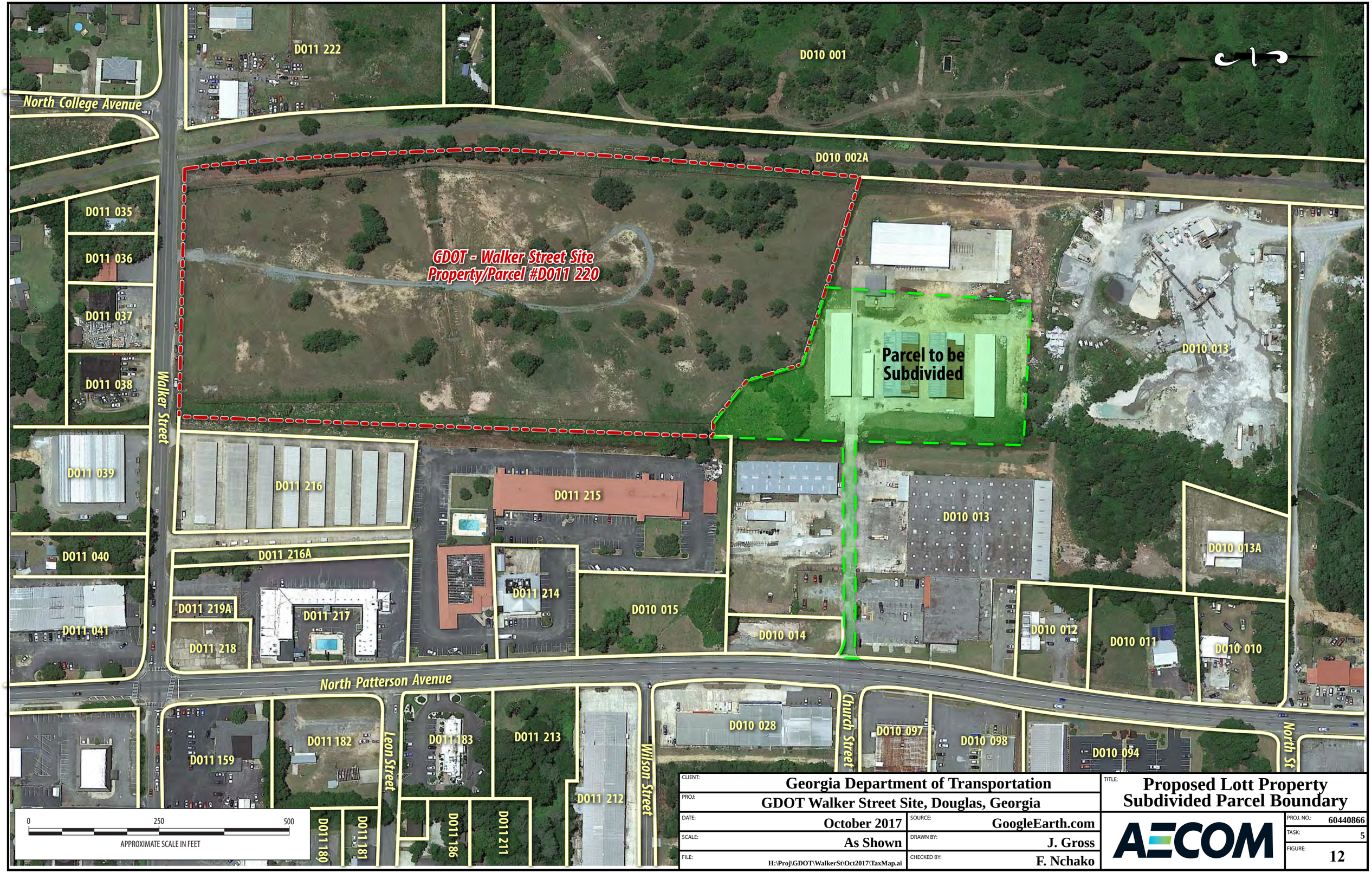
SCALE IN FEET
0 50 100

N

CLIENT:	Georgia Department of Transportation	TITLE:	March 2018 Iso-concentration Map for Benzene in Intermediate Zone Groundwater
PROJECT:	Walker Street Site, Former GADOT Maintenance Facility		
DATE:	07/17/18	DESIGNED BY:	AECOM
SCALE:	As Shown	DRAWN BY:	J.P. Vigil
FILE:	FIG 14, 15, 16, 17.DWG	CHECKED BY:	Felix Nchako

AECOM

PROJ NO: 60440866
TASK: 5
FIGURE: 11



CLIENT:	Georgia Department of Transportation	TITLE:	Proposed Lott Property Subdivided Parcel Boundary
PROJ:	GDOT Walker Street Site, Douglas, Georgia		
DATE:	October 2017	SOURCE:	GoogleEarth.com
SCALE:	As Shown	DRAWN BY:	J. Gross
FILE:	H:\Proj\GDOT\WalkerSt\Oct2017\TaxMap.ai	CHECKED BY:	F. Nchako
		PROJ. NO.:	60440866
		TASK:	5
		FIGURE:	12

AECOM

Tables

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-1I	9/21/2004	210.34	209.86	38.62	1.59	208.27
	12/6/2004				2.02	207.84
	3/21/2005				2.87	206.99
	6/13/2005				2.27	207.59
	8/18/2005				1.97	207.89
	11/29/2005				2.93	206.93
	2/27/2006				1.59	208.27
	6/5/2006				2.59	207.27
	12/5/2006				4.06	205.80
	6/5/2007				3.50	206.36
	12/11/2007				2.95	206.91
	6/9/2008				3.13	206.73
	2/2/2009				1.86	208.00
	6/29/2009				2.51	207.35
	12/7/2009				1.70	208.16
	11/28/2011	210.49	210.11		3.16	206.95
	12/10/2012				3.79	206.32
	1/12/2014				1.81	208.30
	12/3/2015				2.01	208.10
	12/5/2016				4.40	205.71
	9/7/2017				2.51	207.60
GW-1S	9/21/2004	210.04	210.58	11.45	3.61	206.97
	12/6/2004				4.19	206.39
	3/21/2005				2.53	208.05
	6/13/2005				3.73	206.85
	8/18/2005				3.53	207.05
	11/29/2005				3.88	206.70
	2/27/2006				2.63	207.95
	6/5/2006				4.65	205.93
	12/5/2006				5.34	205.24
	6/5/2007				3.77	206.81
	12/11/2007				5.02	205.56
	6/9/2008				4.54	206.04
	2/2/2009				3.62	206.96
	6/29/2009				4.01	206.57
	12/7/2009				2.55	208.03
	11/28/2011	210.74	210.78		4.24	206.54
	12/10/2012				4.89	205.89
	1/12/2014				2.34	208.44
	12/3/2015				2.16	208.62
	12/5/2016				5.48	205.30
	9/7/2017				3.68	207.10
GW-3D	9/21/2004	208.35	208.18	63.60	63.00	145.18
	12/6/2004				63.21	144.97
	3/21/2005				63.37	144.81
	6/13/2005				62.80	145.38
	8/18/2005				DRY	DRY
	11/29/2005				63.45	144.73
	2/27/2006				63.38	144.80

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
MW-3D (cont'd)	6/5/2006	208.35	208.18	63.60	NG	NG
	12/5/2006				DRY	DRY
	6/5/2007				63.36	144.82
	12/11/2007				DRY	DRY
	6/9/2008				63.40	144.78
	2/2/2009				DRY	DRY
	6/29/2009				DRY	DRY
	12/7/2009				63.45	144.73
	11/28/2011	208.64	208.58		63.02	145.56
	12/10/2012				63.45	145.13
	1/12/2014				DRY	DRY
	12/3/2015				DRY	DRY
	12/5/2016				DRY	DRY
	9/7/2017				DRY	DRY
GW-3I	9/21/2004	208.32	208.16	34.90	3.31	204.85
	12/6/2004				3.90	204.26
	3/21/2005				3.83	204.33
	6/13/2005				3.72	204.44
	8/18/2005				3.62	204.54
	11/29/2005				5.42	202.74
	2/27/2006				2.86	205.30
	6/5/2006				4.84	203.32
	12/5/2006				7.51	200.65
	6/5/2007				8.56	199.60
	12/11/2007				8.69	199.47
	6/9/2008				5.93	202.23
	2/2/2009				3.67	204.49
	6/29/2009				3.99	204.17
	12/7/2009				3.14	205.02
	11/28/2011	208.70	208.38		4.89	203.49
	12/10/2012				4.65	203.73
	1/12/2014				3.85	204.53
	12/3/2015				3.63	204.75
	12/5/2016				5.50	202.88
	9/7/2017				3.77	204.61
GW-3S	9/21/2004	208.55	208.31	19.83	3.22	205.09
	12/6/2004				3.77	204.54
	3/21/2005				3.63	204.68
	6/13/2005				3.62	204.69
	8/18/2005				4.90	203.41
	11/29/2005				7.24	201.07
	2/27/2006				2.71	205.60
	6/5/2006				4.52	203.79
	12/5/2006				5.04	203.27
	6/5/2007				6.04	202.27
	12/11/2007				8.58	199.73
	6/9/2008				7.05	201.26
	2/2/2009				3.93	204.38
	6/29/2009				4.07	204.24
	12/7/2009				3.37	204.94

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-3S (cont'd)	11/28/2011	208.75	208.69	19.83	3.92	204.77
	12/10/2012				4.71	203.98
	1/12/2014				3.75	204.94
	12/3/2015				3.44	205.25
	12/5/2016				3.93	204.76
	9/7/2017				4.24	204.45
GW-5I	9/21/2004	NS	NS	26.10	2.02	NS
	12/6/2004				2.60	NS
	3/21/2005				2.11	NS
	6/13/2005				2.97	NS
	8/18/2005				2.00	NS
	11/29/2005				3.18	NS
	2/27/2006				1.90	NS
	6/5/2006				4.48	NS
	12/5/2006				6.22	NS
	6/5/2007				4.64	NS
	12/11/2007				4.84	NS
	6/9/2008				4.48	NS
	2/2/2009				2.85	NS
	6/29/2009				3.32	NS
	12/7/2009				2.05	NS
	11/28/2011	212.23	212.06		4.24	207.82
	12/10/2012				5.23	206.83
	1/12/2014				2.15	209.91
	12/3/2015				2.92	209.14
	12/5/2016				5.99	206.07
	9/7/2017				3.25	208.81
GW-5S	9/21/2004	212.30	212.18	14.68	0.25	211.93
	12/6/2004				0.51	211.67
	3/21/2005				0.00	212.18
	6/13/2005				0.89	211.29
	8/18/2005				0.26	211.92
	11/29/2005				1.22	210.96
	2/27/2006				0.00	212.18
	6/5/2006				3.15	209.03
	12/5/2006				4.94	207.24
	6/5/2007				2.50	209.68
	12/11/2007				3.86	208.32
	6/9/2008				1.47	210.71
	2/2/2009				0.70	211.48
	6/29/2009				1.25	210.93
	12/7/2009				0*	NA
	11/28/2011	212.47	212.40		2.65	209.75
	12/10/2012				3.54	208.86
	1/12/2014				0.02	212.38
	12/3/2015				0.12	212.28
	12/5/2016				4.64	207.76
	9/7/2017				1.64	210.76

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-6D	9/21/2004	212.22	212.03	65.00	2.80	209.23
	12/6/2004				3.44	208.59
	3/21/2005				2.36	209.67
	6/13/2005				3.73	208.30
	8/18/2005				2.55	209.48
	11/29/2005				4.62	207.41
	2/27/2006				2.24	209.79
	6/5/2006				5.04	206.99
	12/5/2006				6.94	205.09
	6/5/2007				6.02	206.01
	12/11/2007				8.98	203.05
	6/9/2008				4.60	207.43
	2/2/2009				3.99	208.04
	6/29/2009				3.76	208.27
	12/7/2009				3.10	208.93
	11/28/2011	212.61	212.44		5.41	207.03
	12/10/2012				5.58	206.86
	1/12/2014				3.19	209.25
	12/3/2015				3.53	208.91
	12/5/2016				5.95	206.49
	9/7/2017				4.24	208.20
GW-6I	9/21/2004	211.72	211.52	35.10	3.95	207.57
	12/6/2004				3.93	207.59
	3/21/2005				3.49	208.03
	6/13/2005				3.48	208.04
	8/18/2005				2.79	208.73
	11/29/2005				4.11	207.41
	2/27/2006				2.51	209.01
	6/5/2006				4.89	206.63
	12/5/2006				7.37	204.15
	6/5/2007				7.49	204.03
	12/11/2007				12.75	198.77
	6/9/2008				6.85	204.67
	2/2/2009				4.79	206.73
	6/29/2009				3.88	207.64
	12/7/2009				5.90	205.62
	11/28/2011	212.10	211.93		5.90	206.03
	12/10/2012				6.07	205.86
	1/12/2014				3.37	208.56
	12/3/2015				3.75	208.18
	12/5/2016				6.32	205.61
	9/7/2017				4.03	207.90
GW-6S	9/21/2004	212.24	212.41	15.23	6.41	206.00
	12/6/2004				5.63	206.78
	3/21/2005				4.92	207.49
	6/13/2005				3.30	209.11
	8/18/2005				4.20	208.21

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-6S (cont'd)	11/29/2005	212.24	212.41	15.23	6.33	206.08
	2/27/2006				5.12	207.29
	6/5/2006				5.20	207.21
	12/5/2006				8.93	203.48
	6/5/2007				3.24	209.17
	12/11/2007				8.48	203.93
	6/9/2008				5.04	207.37
	2/2/2009				4.16	208.25
	6/29/2009				3.94	208.47
	12/7/2009				1.86	210.55
	11/28/2011	212.65	212.53		7.15	205.38
	12/10/2012				7.83	204.70
	1/12/2014				3.12	209.41
	12/3/2015				1.45	211.08
	12/5/2016				8.49	204.04
	9/7/2017				5.56	206.97
GW-7I	9/21/2004	208.59	207.30	31.91	2.03	205.27
	12/6/2004				2.45	204.85
	3/21/2005				1.43	205.87
	6/13/2005				2.68	204.62
	8/18/2005				2.20	205.10
	11/29/2005				2.71	204.59
	2/27/2006				1.52	205.78
	6/5/2006				4.15	203.15
	12/5/2006				6.20	201.10
	6/5/2007				3.13	204.17
	12/11/2007				5.25	202.05
	6/9/2008				3.73	203.57
	2/2/2009				1.89	205.41
	6/29/2009				2.85	204.45
	12/7/2009				1.23	206.07
	11/28/2011	207.73	207.75		3.95	203.80
	12/10/2012				4.16	203.59
	1/12/2014				2.91	204.84
	12/3/2015				1.62	206.13
	12/5/2016				5.57	202.18
	9/7/2017				3.24	204.51
GW-8D	9/21/2004	215.86	215.92	65.00	20.43	195.49
	12/6/2004				20.14	195.78
	3/21/2005				19.74	196.18
	6/13/2005				20.40	195.52
	8/18/2005				21.51	194.41
	11/29/2005				21.30	194.62
	2/27/2006				19.12	196.80
	6/5/2006				20.88	195.04
	12/5/2006				25.63	190.29
	6/5/2007				22.19	193.73

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-8D (cont'd)	12/11/2007	215.86	215.92	65.00	21.65	194.27
	6/9/2008				21.17	194.75
	2/2/2009				20.05	195.87
	6/29/2009				DRY	DRY
	12/7/2009				1.97	213.95
	11/28/2011	216.20	216.12		4.79	211.33
	12/10/2012				6.26	209.86
	1/12/2014				1.83	214.29
	12/3/2015				1.76	214.36
	12/5/2016				6.04	210.08
	9/7/2017				20.62	195.50
GW-8S	9/21/2004	NS	NS	18.80	2.18	NS
	12/6/2004				2.82	NS
	3/21/2005				1.90	NS
	6/13/2005				3.32	NS
	8/18/2005				2.46	NS
	11/29/2005				3.15	NS
	2/27/2006				1.61	NS
	6/5/2006				5.62	NS
	12/5/2006				7.23	NS
	6/5/2007				3.63	NS
	12/11/2007				6.82	NS
	6/9/2008				5.24	NS
	2/2/2009				2.98	NS
	6/29/2009				3.82	NS
	12/7/2009				1.68	NS
	11/28/2011	316.21	216.07		4.51	211.56
	12/10/2012				6.19	209.88
	1/12/2014				1.63	214.44
	12/3/2015				1.56	214.51
	12/5/2016				5.81	210.26
	9/7/2017				3.66	212.41
GW-9I	DESTROYED					
GW-9S	DESTROYED					
GW-10I	9/21/2004	210.24	210.21	29.20	4.52	205.69
	12/6/2004				5.07	205.14
	3/21/2005				5.13	205.08
	6/13/2005				5.05	205.16
	8/18/2005				4.42	205.79
	11/29/2005				5.15	205.06
	2/27/2006				4.79	205.42
	6/5/2006				5.76	204.45
	12/5/2006				6.32	203.89
	6/5/2007				5.69	204.52

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-10I (cont'd)	12/11/2007	210.24	210.21	29.20	6.14	204.07
	6/9/2008				5.63	204.58
	2/2/2009				5.17	205.04
	6/29/2009				5.21	205.00
	12/7/2009				4.76	205.45
	11/28/2011	210.57	210.42		5.99	204.43
	12/10/2012				6.35	204.07
	1/12/2014				2.29	208.13
	12/3/2015				5.07	205.35
	12/5/2016				6.50	203.92
	9/7/2017				5.12	205.30
GW-10S	9/21/2004	210.07	209.84	13.65	6.98	202.86
	12/6/2004				7.23	202.61
	3/21/2005				6.88	202.96
	6/13/2005				7.00	202.84
	8/18/2005				6.71	203.13
	11/29/2005				7.14	202.70
	2/27/2006				6.76	203.08
	6/5/2006				7.56	202.28
	12/5/2006				8.00	201.84
	6/5/2007				7.43	202.41
	12/11/2007				7.68	202.16
	6/9/2008				7.36	202.48
	2/2/2009				7.23	202.61
	6/29/2009				10.09	199.75
	12/7/2009				6.88	202.96
	11/28/2011	210.30	210.05		7.68	202.37
	12/10/2012				7.76	202.29
	1/12/2014				7.14	202.91
	12/3/2015				6.90	203.15
	12/5/2016				8.28	201.77
	9/7/2017				6.77	203.28
GW-11D	9/21/2004	208.92	208.84	71.00	68.47	140.37
	12/6/2004				68.42	140.42
	3/21/2005				68.41	140.43
	6/13/2005				68.49	140.35
	8/18/2005				68.48	140.36
	11/29/2005				68.51	140.33
	2/27/2006				68.47	140.37
	6/5/2006				NG	NG
	12/5/2006				DRY	DRY
	6/5/2007				54.72	154.12
	12/11/2007				56.34	152.50
	6/9/2008				57.56	151.28
	2/2/2009				58.50	150.34
	6/29/2009				60.04	148.80
	12/7/2009				60.48	148.36

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-11D (cont'd)	11/28/2011	209.20	209.02	71.00	66.06	142.96
	12/10/2012				DRY	DRY
	1/12/2014				DRY	DRY
	12/3/2015				7.46	201.56
	12/5/2016				DRY	DRY
	9/7/2017				56.48	152.54
GW-11I	9/21/2004	208.94	208.78	23.73	7.86	200.92
	12/6/2004				8.29	200.49
	3/21/2005				7.70	201.08
	6/13/2005				8.26	200.52
	8/18/2005				7.90	200.88
	11/29/2005				8.25	200.53
	2/27/2006				7.44	201.34
	6/5/2006				8.89	199.89
	12/5/2006				9.53	199.25
	6/5/2007				8.43	200.35
	12/11/2007				9.00	199.78
	6/9/2008				8.98	199.80
	2/2/2009				8.02	200.76
	6/29/2009				8.41	200.37
	12/7/2009				7.43	201.35
	11/28/2011	209.39	209.12		8.44	200.68
	12/10/2012				9.07	200.05
	1/12/2014				7.70	201.42
	12/3/2015				7.61	201.51
	12/5/2016				8.85	200.27
	9/7/2017				7.64	201.48
GW-11S	9/21/2004	208.96	208.52	12.52	8.01	200.51
	12/6/2004				8.14	200.38
	3/21/2005				7.59	200.93
	6/13/2005				7.98	200.54
	8/18/2005				7.71	200.81
	11/29/2005				8.24	200.28
	2/27/2006				7.50	201.02
	6/5/2006				8.39	200.13
	12/5/2006				8.87	199.65
	6/5/2007				8.71	199.81
	12/11/2007				8.59	199.93
	6/9/2008				8.60	199.92
	2/2/2009				7.69	200.83
	6/29/2009				8.21	200.31
	12/7/2009				7.71	200.81
	11/28/2011	209.18	208.81		8.38	200.43
	12/10/2012				8.42	200.39
	1/12/2014				7.80	201.01
	12/3/2015				7.16	201.65
	12/5/2016				8.41	200.40
	9/7/2017				7.54	201.27

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-12D	9/21/2004	203.41	203.09	58.32	22.69	180.40
	12/6/2004				22.02	181.07
	3/21/2005				21.84	181.25
	6/13/2005				22.52	180.57
	8/18/2005				22.55	180.54
	11/29/2005				22.96	180.13
	2/27/2006				21.59	181.50
	6/5/2006				23.67	179.42
	12/5/2006				25.73	177.36
	6/5/2007				24.24	178.85
	12/11/2007				25.35	177.74
	6/9/2008				23.09	180.00
	2/2/2009				21.90	181.19
	6/29/2009				22.17	180.92
	12/7/2009				22.63	180.46
	11/28/2011	203.66	203.51		24.70	178.81
	12/10/2012				24.79	178.72
	1/12/2014				23.28	180.23
	12/3/2015				23.78	179.73
	12/5/2016				24.59	178.92
	9/7/2017				23.69	179.82
GW-12I	9/21/2004	203.49	203.31	35.98	1.60	201.71
	12/6/2004				1.84	201.47
	3/21/2005				2.05	201.26
	6/13/2005				1.48	201.83
	8/18/2005				8.24	195.07
	11/29/2005				2.41	200.90
	2/27/2006				2.77	200.54
	6/5/2006				2.48	200.83
	12/5/2006				3.02	200.29
	6/5/2007				5.49	197.82
	12/11/2007				3.01	200.30
	6/9/2008				2.02	201.29
	2/2/2009				1.82	201.49
	6/29/2009				1.85	201.46
	12/7/2009				1.90	201.41
	11/28/2011	203.87	203.78		2.34	201.44
	12/10/2012				2.89	200.89
	1/12/2014				2.29	201.49
	12/3/2015				1.98	201.80
	12/5/2016				3.61	200.17
	9/7/2017				1.84	201.94
GW-12S	9/21/2004	203.16	202.71	15.25	1.62	201.09
	12/6/2004				1.53	201.18
	3/21/2005				1.45	201.26
	6/13/2005				0.73	201.98
	8/18/2005				1.56	201.15

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-12S (cont'd)	11/29/2005	203.16	202.71	15.25	1.63	201.08
	2/27/2006				2.56	200.15
	6/5/2006				1.76	200.95
	12/5/2006				2.37	200.34
	6/5/2007				1.87	200.84
	12/11/2007				2.76	199.95
	6/9/2008				3.62	199.09
	2/2/2009				4.15	198.56
	6/29/2009				1.33	201.38
	12/7/2009				3.00	199.71
	11/28/2011	203.60	203.13		1.52	201.61
	12/10/2012				1.40	201.73
	1/12/2014				1.78	201.35
	12/3/2015				1.40	201.73
	12/5/2016				2.68	200.45
	9/7/2017				1.64	201.49
GW-13I	9/21/2004	202.17	201.78	30.73	2.91	198.87
	12/6/2004				3.45	198.33
	3/21/2005				3.33	198.45
	6/13/2005				3.33	198.45
	8/18/2005				NG	NG
	11/29/2005				3.73	198.05
	2/27/2006				3.22	198.56
	6/5/2006				3.65	198.13
	12/5/2006				3.98	197.80
	6/5/2007				2.86	198.92
	12/11/2007				3.22	198.56
	6/9/2008				3.32	198.46
	2/2/2009				3.56	198.22
	6/29/2009				2.12	199.66
	12/7/2009				3.32	198.46
	11/28/2011	202.52	202.17		3.77	198.40
	12/10/2012				3.94	198.23
	1/12/2014				3.48	198.69
	12/3/2015				3.42	198.75
	12/5/2016				4.19	197.98
	9/7/2017				3.34	198.83
GW-13S	9/21/2004	202.20	201.76	11.22	3.88	197.88
	12/6/2004				4.11	197.65
	3/21/2005				3.70	198.06
	6/13/2005				4.20	197.56
	8/18/2005				4.13	197.63
	11/29/2005				3.80	197.96
	2/27/2006				3.07	198.69
	6/5/2006				4.66	197.10
	12/5/2006				4.72	197.04
	6/5/2007				3.19	198.57

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-13S (cont'd)	12/11/2007	202.20	201.76	11.22	3.80	197.96
	6/9/2008				3.58	198.18
	2/2/2009				4.13	197.63
	6/29/2009				4.44	197.32
	12/7/2009				3.63	198.13
	11/28/2011	202.45	202.19		4.52	197.67
	12/10/2012				4.61	197.58
	1/12/2014				3.75	198.44
	12/3/2015				3.27	198.92
	12/5/2016				5.18	197.01
	9/7/2017				4.40	197.79
GW-14I	9/21/2004	205.29	204.93	29.40	0.85	204.08
	12/6/2004				1.01	203.92
	3/21/2005				0.40	204.53
	6/13/2005				NG	NG
	8/18/2005				2.18	202.75
	11/29/2005				2.94	201.99
	2/27/2006				1.97	202.96
	6/5/2006				3.89	201.04
	12/5/2006				5.10	199.83
	6/5/2007				3.55	201.38
	12/11/2007				4.50	200.43
	6/9/2008				2.64	202.29
	2/2/2009				2.18	202.75
	6/29/2009				3.30	201.63
	12/7/2009				2.55	202.38
	11/28/2011	206.94	206.66		3.30	203.36
	12/10/2012				3.85	202.81
	1/12/2014				2.07	204.59
	12/3/2015				2.64	204.02
	12/5/2016				4.83	201.83
	9/7/2017				3.14	203.52
GW-14S	9/21/2004	205.38	205.04	11.62	1.21	203.83
	12/6/2004				0.82	204.22
	3/21/2005				0.45	204.59
	6/13/2005				NG	NG
	8/18/2005				2.65	202.39
	11/29/2005				2.55	202.49
	2/27/2006				1.38	203.66
	6/5/2006				3.53	201.51
	12/5/2006				4.91	200.13
	6/5/2007				2.86	202.18
	12/11/2007				4.07	200.97
	6/9/2008				2.45	202.59
	2/2/2009				1.92	203.12
	6/29/2009				0.89	204.15
	12/7/2009				2.05	202.99

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-14S (cont'd)	11/28/2011	206.94	206.66	11.62	3.04	203.62
	12/10/2012				3.49	203.17
	1/12/2014				1.53	205.13
	12/3/2015				2.49	204.17
	12/5/2016				4.43	202.23
	9/7/2017				3.07	203.59
GW-15I	9/21/2004	212.06	211.89	30.25	NG	NG
	12/6/2004				NG	NG
	3/21/2005				NG	NG
	6/13/2005				2.30	209.59
	8/18/2005				2.26	209.63
	11/29/2005				2.40	209.49
	2/27/2006				2.45	209.44
	6/5/2006				2.49	209.40
	12/5/2006				3.36	208.53
	6/5/2007				NG	NG
	12/11/2007				2.43	209.46
	6/9/2008				1.95	209.94
	2/2/2009				2.24	209.65
	6/29/2009				2.65	209.24
	12/7/2009				2.0*	NA
	11/28/2011	201.86	201.17		2.42	198.75
	12/10/2012				3.28	197.89
	1/12/2014				2.13	199.04
	12/3/2015				2.04	199.13
	12/5/2016				3.52	197.65
	9/7/2017				2.62	198.55
GW-15S	9/21/2004	201.18	200.76	12.04	1.58	199.18
	12/6/2004				1.80	198.96
	3/21/2005				1.25	199.51
	6/13/2005				NG	NG
	8/18/2005				1.45	199.31
	11/29/2005				2.05	198.71
	2/27/2006				1.11	199.65
	6/5/2006				1.82	198.94
	12/5/2006				2.95	197.81
	6/5/2007				NG	NG
	12/11/2007				1.59	199.17
	6/9/2008				0.89	199.87
	2/2/2009				1.97	198.79
	6/29/2009				2.58	198.18
	12/7/2009				2.35	198.41
	11/28/2011	201.76	201.61		2.79	198.82
	12/10/2012				2.82	198.79
	1/12/2014				2.10	199.51
	12/3/2015				1.90	199.71
	12/5/2016				3.70	197.91
	9/7/2017				2.21	199.40

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-16I	9/21/2004	207.15	206.92	30.22	2.61	204.31
	12/6/2004				3.22	203.70
	3/21/2005				1.84	205.08
	6/13/2005				3.28	203.64
	8/18/2005				2.85	204.07
	11/29/2005				2.81	204.11
	2/27/2006				1.22	205.70
	6/5/2006				4.80	202.12
	12/5/2006				6.32	200.60
	6/5/2007				2.60	204.32
	12/11/2007				6.04	200.88
	6/9/2008				4.81	202.11
	2/2/2009				2.53	204.39
	6/29/2009				3.37	203.55
	12/7/2009				1.51	205.41
	11/28/2011	207.45	207.35		4.85	202.50
	12/10/2012				5.56	201.79
	1/12/2014				1.88	205.47
	12/3/2015				1.55	205.80
	12/5/2016				6.70	200.65
	9/7/2017				3.65	203.70
GW-16S	9/21/2004	207.16	206.73	11.55	2.06	204.67
	12/6/2004				2.87	203.86
	3/21/2005				1.30	205.43
	6/13/2005				2.90	203.83
	8/18/2005				2.00	204.73
	11/29/2005				3.09	203.64
	2/27/2006				0.71	206.02
	6/5/2006				4.57	202.16
	12/5/2006				5.93	200.80
	6/5/2007				1.74	204.99
	12/11/2007				5.78	200.95
	6/9/2008				4.55	202.18
	2/2/2009				2.01	204.72
	6/29/2009				3.73	203.00
	12/7/2009				<1	NA
	11/28/2011	207.45	207.18		4.78	202.40
	12/10/2012				5.34	201.84
	1/12/2014				1.13	206.05
	12/3/2015				1.07	206.11
	12/5/2016				6.51	200.67
	9/7/2017				3.30	203.88
GW-17I	9/21/2004	209.80	209.62	31.42	0.92	208.70
	12/6/2004				1.44	208.18
	3/21/2005				1.52	208.10
	6/13/2005				1.56	208.06
	8/18/2005				2.05	207.57

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-17I (cont'd)	11/29/2005	209.80	209.62	31.42	1.76	207.86
	2/27/2006				1.40	208.22
	6/5/2006				2.05	207.57
	12/5/2006				2.34	207.28
	6/5/2007				2.34	207.28
	12/11/2007				2.22	207.40
	6/9/2008				2.11	207.51
	2/2/2009				1.74	207.88
	6/29/2009				3.00	206.62
	12/7/2009				1.08	208.54
	11/28/2011	210.06	209.91		2.11	207.80
	12/10/2012				2.20	207.71
	1/12/2014				1.39	208.52
	12/3/2015				1.39	208.52
	12/5/2016				2.45	207.46
	9/7/2017				1.45	208.46
GW-17S	9/21/2004	209.78	209.51	13.75	1.94	207.57
	12/6/2004				2.22	207.29
	3/21/2005				1.57	207.94
	6/13/2005				2.41	207.10
	8/18/2005				2.08	207.43
	11/29/2005				1.94	207.57
	2/27/2006				1.10	208.41
	6/5/2006				3.47	206.04
	12/5/2006				3.30	206.21
	6/5/2007				2.57	206.94
	12/11/2007				3.25	206.26
	6/9/2008				3.32	206.19
	2/2/2009				2.29	207.22
	6/29/2009				2.88	206.63
	12/7/2009				1.47	208.04
	11/28/2011	210.05	209.79		3.08	206.71
	12/10/2012				3.15	206.64
	1/12/2014				1.68	208.11
	12/3/2015				1.36	208.43
	12/5/2016				3.08	206.71
	9/7/2017				2.40	207.39
GW-18I	9/21/2004	209.03	208.50	38.60	4.63	203.87
	12/6/2004				5.26	203.24
	3/21/2005				5.00	203.50
	6/13/2005				5.01	203.49
	8/18/2005				4.83	203.67
	11/29/2005				4.84	203.66
	2/27/2006				4.77	203.73
	6/5/2006				5.41	203.09
	12/5/2006				5.82	202.68
	6/5/2007				5.78	202.72

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-18I (cont'd)	12/11/2007	209.03	208.50	38.60	5.97	202.53
	6/9/2008				6.14	202.36
	2/2/2009				6.13	202.37
	6/29/2009				7.03	201.47
	12/7/2009				4.83	203.67
	11/28/2011	209.25	208.72		6.12	202.60
	12/10/2012				6.37	202.35
	1/12/2014				5.08	203.64
	12/3/2015				5.14	203.58
	12/5/2016				6.18	202.54
	9/7/2017				4.85	203.87
GW-18S	9/21/2004	208.96	208.79	13.66	5.94	202.85
	12/6/2004				6.52	202.27
	3/21/2005				5.73	203.06
	6/13/2005				NG	NG
	8/18/2005				6.00	202.79
	11/29/2005				NG	NG
	2/27/2006				5.59	203.20
	6/5/2006				7.06	201.73
	12/5/2006				6.87	201.92
	6/5/2007				7.06	201.73
	12/11/2007				7.10	201.69
	6/9/2008				7.04	201.75
	2/2/2009				6.22	202.57
	6/29/2009				6.73	202.06
	12/7/2009				6.28	202.51
	11/28/2011	209.18	208.99		6.63	202.36
	12/10/2012				6.84	202.15
	1/12/2014				6.04	202.95
	12/3/2015				6.32	202.67
	12/5/2016				7.11	201.88
	9/7/2017				6.26	202.73
GW-19I	9/21/2004	211.13	210.93	32.72	4.68	206.25
	12/6/2004				5.06	205.87
	3/21/2005				4.83	206.10
	6/13/2005				4.97	205.96
	8/18/2005				6.78	204.15
	11/29/2005				5.11	205.82
	2/27/2006				5.52	205.41
	6/5/2006				5.67	205.26
	12/5/2006				7.39	203.54
	6/5/2007				6.41	204.52
	12/11/2007				5.22	205.71
	6/9/2008				5.61	205.32
	2/2/2009				5.01	205.92
	6/29/2009				5.40	205.53
	12/7/2009				4.75	206.18

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-19I (cont'd)	11/28/2011	211.44	211.17	32.72	5.68	205.49
	12/10/2012				6.15	205.02
	1/12/2014				5.36	205.81
	12/3/2015				5.21	205.96
	12/5/2016				6.45	204.72
	9/7/2017				5.15	206.02
GW-19S	9/21/2004	211.42	211.24	14.00	6.10	205.14
	12/6/2004				6.32	204.92
	3/21/2005				6.03	205.21
	6/13/2005				6.28	204.96
	8/18/2005				6.12	205.12
	11/29/2005				6.33	204.91
	2/27/2006				5.79	205.45
	6/5/2006				6.66	204.58
	12/5/2006				6.64	204.60
	6/5/2007				6.25	204.99
	12/11/2007				6.72	204.52
	6/9/2008				6.58	204.66
	2/2/2009				6.23	205.01
	6/29/2009				6.37	204.87
	12/7/2009				6.02	205.22
	11/28/2011	211.69	211.48		6.79	204.69
	12/10/2012				7.01	204.47
	1/12/2014				6.30	205.18
	12/3/2015				6.43	205.05
	12/5/2016				7.16	204.32
	9/7/2017				6.34	205.14
GW-20I	9/21/2004	213.20	213.02	34.20	1.40	211.62
	12/6/2004				2.07	210.95
	3/21/2005				1.09	211.93
	6/13/2005				2.51	210.51
	8/18/2005				2.30	210.72
	11/29/2005				3.77	209.25
	2/27/2006				0.77	212.25
	6/5/2006				4.15	208.87
	12/5/2006				7.22	205.80
	6/5/2007				4.24	208.78
	12/11/2007				7.09	205.93
	6/9/2008				3.81	209.21
	2/2/2009				1.77	211.25
	6/29/2009				1.74	211.28
	12/7/2009				2.12	210.90
	11/28/2011	213.37	213.36		5.06	208.30
	12/10/2012				4.45	208.91
	1/12/2014				2.19	211.17
	12/3/2015				2.58	210.78
	12/5/2016				5.60	207.76
	9/7/2017				3.20	210.16
	12/18/2017				**3.54**	**209.82**
	3/12/2018				**1.47**	**211.89**

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-20S	9/21/2004	213.17	212.92	14.25	2.44	210.48
	12/6/2004				2.25	210.67
	3/21/2005				1.84	211.08
	6/13/2005				1.25	211.67
	8/18/2005				5.10	207.82
	11/29/2005				5.40	207.52
	2/27/2006				1.25	211.67
	6/5/2006				2.64	210.28
	12/5/2006				7.57	205.35
	6/5/2007				3.99	208.93
	12/11/2007				7.28	205.64
	6/9/2008				4.57	208.35
	2/2/2009				2.81	210.11
	6/29/2009				1.19	211.73
	12/7/2009				2.50	210.42
	11/28/2011	213.45	213.24		5.19	208.05
	12/10/2012				4.78	208.46
	1/12/2014				2.97	210.27
	12/3/2015				3.00	210.24
	12/5/2016				4.85	208.39
	9/7/2017				2.63	210.61
	12/18/2017				**4.37**	**208.87**
	3/12/2018				**1.54**	**211.70**
GW-21I	9/21/2004	211.66	213.70	49.30	5.03	208.67
	12/6/2004				5.36	208.34
	3/21/2005				4.86	208.84
	6/13/2005				6.11	207.59
	8/18/2005				4.80	208.90
	11/29/2005				7.34	206.36
	2/27/2006				4.53	209.17
	6/5/2006				7.95	205.75
	12/5/2006				11.98	201.72
	6/5/2007				7.92	205.78
	12/11/2007				10.79	202.91
	6/9/2008				7.28	206.42
	2/2/2009				5.29	208.41
	6/29/2009				5.87	207.83
	12/7/2009				5.61	208.09
	11/28/2011	212.12	213.94		8.75	205.19
	12/10/2012				8.49	205.45
	1/12/2014				5.79	208.15
	12/3/2015				3.42	210.52
	12/5/2016				9.68	204.26
	9/7/2017				7.16	206.78
GW-21S	9/21/2004	211.35	212.84	13.60	2.55	210.29
	12/6/2004				2.65	210.19
	3/21/2005				2.20	210.64
	6/13/2005				3.43	209.41
	8/18/2005				2.58	210.26

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-21S (cont'd)	11/29/2005	211.35	212.84	13.60	5.02	207.82
	2/27/2006				2.21	210.63
	6/5/2006				5.97	206.87
	12/5/2006				10.92	201.92
	6/5/2007				4.85	207.99
	12/11/2007				9.29	203.55
	6/9/2008				5.00	207.84
	2/2/2009				2.66	210.18
	6/29/2009				3.01	209.83
	12/7/2009				2.59	210.25
	11/28/2011	211.59	213.03		7.15	205.88
	12/10/2012				6.35	206.68
	1/12/2014				3.08	209.95
	12/3/2015				6.45	206.58
	12/5/2016				8.16	204.87
	9/7/2017				5.57	207.46
GW-22D	9/21/2004	211.11	211.69	53.55	4.96	206.73
	12/6/2004				5.04	206.65
	3/21/2005				4.78	206.91
	6/13/2005				5.55	206.14
	8/18/2005				NG	NG
	11/29/2005				4.53	207.16
	2/27/2006				1.81	209.88
	6/5/2006				7.97	203.72
	12/5/2006				13.71	197.98
	6/5/2007				7.79	203.90
	12/11/2007				9.71	201.98
	6/9/2008				6.52	205.17
	2/2/2009				5.81	205.88
	6/29/2009				6.03	205.66
	12/7/2009				5.71	205.98
	11/28/2011	211.22	211.11		8.14	202.97
	12/10/2012				7.17	203.94
	1/12/2014				6.55	204.56
	12/3/2015				6.15	204.96
	12/5/2016				8.59	202.52
	9/7/2017				6.23	204.88
GW-22I	9/21/2004	NS	NS	23.85	2.75	NS
	12/6/2004				3.60	NS
	3/21/2005				2.11	NS
	6/13/2005				NG	NG
	8/18/2005				3.55	NS
	11/29/2005				3.92	NS
	2/27/2006				1.59	NS
	6/5/2006				NG	NG
	12/5/2006				9.62	NS
	6/5/2007				4.00	NS

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-22I (cont'd)	12/11/2007	NS	NS	23.85	9.00	NS
	6/9/2008				6.58	NS
	2/2/2009				3.67	NS
	6/29/2009				NG	NG
	12/7/2009				1.70	NS
	11/28/2011	210.93	211.09		6.88	204.21
	12/10/2012				7.22	203.87
	1/12/2014				2.07	209.02
	12/3/2015				1.65	209.44
	12/5/2016				7.97	203.12
	9/7/2017				5.87	205.22
GW-23I	9/21/2004	202.77	202.39	28.48	29.05	173.34
	12/6/2004				0.53	201.86
	3/21/2005				0.37	202.02
	6/13/2005				0.34	202.05
	8/18/2005				NG	NG
	11/29/2005				0.51	201.88
	2/27/2006				2.48	199.91
	6/5/2006				0.99	201.40
	12/5/2006				1.40	200.99
	6/5/2007				0.83	201.56
	12/11/2007				1.08	201.31
	6/9/2008				1.06	201.33
	2/2/2009				1.24	201.15
	6/29/2009				3.32	199.07
	12/7/2009				<0.5	NA
	12/1/2011	203.24	202.82		1.06	201.76
	12/10/2012				1.20	201.62
	1/12/2014				0.52	202.30
	12/3/2015				0.48	202.34
	12/5/2016				1.16	201.66
	9/7/2017				0.03	202.79
GW-23S	9/21/2004	202.85	202.29	13.91	2.67	199.62
	12/6/2004				2.91	199.38
	3/21/2005				2.80	199.49
	6/13/2005				2.94	199.35
	8/18/2005				NG	NG
	11/29/2005				0.30	201.99
	2/27/2006				0.22	202.07
	6/5/2006				3.78	198.51
	12/5/2006				3.88	198.41
	6/5/2007				2.76	199.53
	12/11/2007				3.69	198.60
	6/9/2008				3.91	198.38
	2/2/2009				3.26	199.03
	6/29/2009				0.50	201.79
	12/7/2009				2.68	199.61

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-23S (cont'd)	12/1/2011	203.09	202.56	13.91	3.47	199.09
	12/10/2012				3.75	198.81
	1/12/2014				2.73	199.83
	12/3/2015				1.64	200.92
	12/5/2016				3.62	198.94
	9/7/2017				2.35	200.21
GW-24I	9/21/2004	206.99	206.83	35.20	4.80	202.03
	12/6/2004				5.00	201.83
	3/21/2005				6.62	200.21
	6/13/2005				4.69	202.14
	8/18/2005				4.63	202.20
	11/29/2005				4.63	202.20
	2/27/2006				2.79	204.04
	6/5/2006				5.50	201.33
	12/5/2006				7.12	199.71
	6/5/2007				5.38	201.45
	12/11/2007				5.73	201.10
	6/9/2008				5.12	201.71
	2/2/2009				3.52	203.31
	6/29/2009				4.48	202.35
	12/7/2009				4.22	202.61
	11/28/2011	207.24	207.25		5.56	201.69
	12/10/2012				5.48	201.77
	1/12/2014				3.16	204.09
	12/3/2015				3.36	203.89
	12/5/2016				6.96	200.29
	9/7/2017				5.10	202.15
	12/18/2017				**5.28**	**201.97**
	3/12/2018				**4.32**	**202.93**
GW-24S	9/21/2004	207.87	206.56	14.80	3.48	203.08
	12/6/2004				4.26	202.30
	3/21/2005				3.20	203.36
	6/13/2005				4.24	202.32
	8/18/2005				3.64	202.92
	11/29/2005				4.40	202.16
	2/27/2006				3.05	203.51
	6/5/2006				5.21	201.35
	12/5/2006				6.61	199.95
	6/5/2007				4.14	202.42
	12/11/2007				6.10	200.46
	6/9/2008				5.30	201.26
	2/2/2009				4.06	202.50
	6/29/2009				2.57	203.99
	12/7/2009				2.77	203.79
	11/28/2011	207.08	206.92		5.20	201.72
	12/10/2012				5.85	201.07
	1/12/2014				3.19	203.73
	12/3/2015				2.70	204.22
	12/5/2016				6.70	200.22
	9/7/2017				4.77	202.15

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-25I	9/21/2004	208.13	207.62	29.72	3.72	203.90
	12/6/2004				4.22	203.40
	3/21/2005				3.13	204.49
	6/13/2005				4.64	202.98
	8/18/2005				4.35	203.27
	11/29/2005				4.92	202.70
	2/27/2006				2.24	205.38
	6/5/2006				6.00	201.62
	12/5/2006				7.61	200.01
	6/5/2007				4.68	202.94
	12/11/2007				6.78	200.84
	6/9/2008				5.43	202.19
	2/2/2009				4.02	203.60
	6/29/2009				4.47	203.15
	12/7/2009				3.11	204.51
	11/28/2011	208.05	208.56		5.33	203.23
	12/10/2012				6.08	202.48
	1/12/2014				3.03	205.53
	12/3/2015				2.94	205.62
	12/5/2016				7.23	201.33
	9/7/2017				4.59	203.97
GW-25S	9/21/2004	207.39	207.40	14.20	2.92	204.48
	12/6/2004				3.39	204.01
	3/21/2005				2.10	205.30
	6/13/2005				4.07	203.33
	8/18/2005				3.60	203.80
	11/29/2005				4.25	203.15
	2/27/2006				3.47	203.93
	6/5/2006				5.36	202.04
	12/5/2006				6.93	200.47
	6/5/2007				4.01	203.39
	12/11/2007				6.11	201.29
	6/9/2008				5.14	202.26
	2/2/2009				3.17	204.23
	6/29/2009				3.83	203.57
	12/7/2009				2.27	205.13
	11/28/2011	207.75	207.83		4.88	202.95
	12/10/2012				5.43	202.40
	1/12/2014				1.71	206.12
	12/3/2015				1.80	206.03
	12/5/2016				7.02	200.81
	9/7/2017				4.15	203.68
GW-26I	9/21/2004	210.26	210.77	29.17	4.74	206.03
	12/6/2004				5.62	205.15
	3/21/2005				4.10	206.67
	6/13/2005				5.82	204.95
	8/18/2005				5.05	205.72

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-26I (cont'd)	11/29/2005	210.26	210.77	29.17	5.92	204.85
	2/27/2006				1.55	209.22
	6/5/2006				7.73	203.04
	12/5/2006				10.16	200.61
	6/5/2007				7.21	203.56
	12/11/2007				9.62	201.15
	6/9/2008				8.19	202.58
	2/2/2009				4.92	205.85
	6/29/2009				5.61	205.16
	12/7/2009				3.66	207.11
	11/28/2011	210.67	211.21		8.76	202.45
	12/10/2012				8.45	202.76
	1/12/2014				4.02	207.19
	12/3/2015				2.57	208.64
	12/5/2016				9.85	201.36
	9/7/2017				6.84	204.37
GW-26S	9/21/2004	210.56	210.54	14.0	14.00	196.54
	12/6/2004				4.46	206.08
	3/21/2005				2.86	207.68
	6/13/2005				4.76	205.78
	8/18/2005				4.45	206.09
	11/29/2005				5.46	205.08
	2/27/2006				3.47	207.07
	6/5/2006				7.05	203.49
	12/5/2006				9.96	200.58
	6/5/2007				4.76	205.78
	12/11/2007				9.35	201.19
	6/9/2008				7.10	203.44
	2/2/2009				4.33	206.21
	6/29/2009				5.46	205.08
	12/7/2009				2.49	208.05
	11/28/2011	211.09	210.97		7.48	203.49
	12/10/2012				8.11	202.86
	1/12/2014				2.98	207.99
	12/3/2015				3.96	207.01
	12/5/2016				9.26	201.71
	9/7/2017				6.30	204.67
GW-27I	9/21/2004	208.37	209.00	29.82	3.71	205.29
	12/6/2004				4.72	204.28
	3/21/2005				2.96	206.04
	6/13/2005				4.68	204.32
	8/18/2005				3.23	205.77
	11/29/2005				4.93	204.07
	2/27/2006				2.69	206.31
	6/5/2006				6.02	202.98
	12/5/2006				7.68	201.32
	6/5/2007				5.71	203.29

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-27I (cont'd)	12/11/2007	208.37	209.00	29.82	6.31	202.69
	6/9/2008				5.29	203.71
	2/2/2009				3.50	205.50
	6/29/2009				3.83	205.17
	12/7/2009				2.68	206.32
	11/28/2011	208.71	209.39		5.88	203.51
	12/10/2012				5.94	203.45
	1/12/2014				2.65	206.74
	12/3/2015				3.20	206.19
	12/5/2016				8.11	201.28
	9/7/2017				4.09	205.30
	12/18/2017				**5.60**	**203.79**
	3/12/2018				**3.88**	**205.51**
GW-27S	9/21/2004	208.64	208.45	14.10	3.14	205.31
	12/6/2004				4.17	204.28
	3/21/2005				2.34	206.11
	6/13/2005				4.16	204.29
	8/18/2005				3.27	205.18
	11/29/2005				4.32	204.13
	2/27/2006				2.19	206.26
	6/5/2006				5.50	202.95
	12/5/2006				7.58	200.87
	6/5/2007				4.25	204.20
	12/11/2007				7.04	201.41
	6/9/2008				5.48	202.97
	2/2/2009				3.64	204.81
	6/29/2009				4.34	204.11
	12/7/2009				1.57	206.88
	11/28/2011	208.67	208.82		5.81	203.01
	12/10/2012				6.51	202.31
	1/12/2014				1.74	207.08
	12/3/2015				2.50	206.32
	12/5/2016				7.47	201.35
	9/7/2017				**4.49**	**204.33**
GW-28D	11/28/2011	208.65	208.84	65.50	43.98	164.86
	12/10/2012				44.16	164.68
	1/12/2014				43.64	165.20
	12/3/2015				43.41	165.43
	12/5/2016				44.10	164.74
	9/7/2017				**43.07**	**165.77**
GW-28I	12/3/2015	NS	208.49	29.33	2.06	206.43
	12/5/2016				7.49	201.00
	9/7/2017				4.34	204.15
	12/18/2017				**4.35**	**204.14**
	3/12/2018				**3.33**	**205.16**
GW-29I	11/28/2011	212.05	211.87	34.50	5.96	205.91
	12/10/2012				5.83	206.04
	1/12/2014				2.43	209.44
	12/3/2015				2.83	209.04
	12/5/2016				6.28	205.59
	9/7/2017				3.68	208.19

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
GW-29S	11/28/2011	212.01	211.91	15.10	7.56	204.35
	12/10/2012				7.96	203.95
	1/12/2014				5.04	206.87
	12/3/2015				5.55	206.36
	12/5/2016				8.81	203.10
	9/7/2017				6.03	205.88
	12/18/2017				**7.21**	**204.70**
	3/12/2018				**3.83**	**208.08**
GW-30I	11/28/2011	211.26	210.88	34.40	5.90	204.98
	12/10/2012				5.66	205.22
	1/12/2014				2.62	208.26
	12/3/2015				2.97	207.91
	12/5/2016				6.07	204.81
	9/7/2017				3.74	207.14
GW-30S	11/28/2011	211.18	210.97	14.90	7.07	203.90
	12/10/2012				7.88	203.09
	1/12/2014				4.32	206.65
	12/3/2015				4.91	206.06
	12/5/2016				8.69	202.28
	9/7/2017				5.93	205.04
GW-31I	11/28/2011	212.58	212.19	35.30	4.94	207.25
	12/10/2012				2.73	209.46
	1/12/2014				2.10	210.09
	12/3/2015				2.32	209.87
	12/5/2016				5.77	206.42
	9/7/2017				3.05	209.14
	12/18/2017				**4.09**	**208.10**
	3/12/2018				**1.85**	**210.34**
GW-31S	11/28/2011	212.64	212.40	15.20	5.98	206.42
	12/10/2012				4.22	208.18
	1/12/2014				4.55	207.85
	12/3/2015				3.91	208.49
	12/5/2016				6.16	206.24
	9/7/2017				2.71	209.69
GW-32I	11/28/2011	208.19	208.17	35.00	5.35	202.82
	12/10/2012				6.00	202.17
	1/12/2014				3.50	204.67
	12/3/2015				3.58	204.59
	12/5/2016				6.97	201.20
	9/7/2017				3.84	204.33
	12/18/2017				**4.72**	**203.45**
	3/12/2018				**3.55**	**204.62**
GW-33I	11/28/2011	208.27	207.88	35.30	5.36	202.52
	12/10/2012				6.02	201.86
	1/12/2014				2.24	205.64
	12/3/2015				2.30	205.58
	12/5/2016				7.09	200.79
	9/7/2017				4.51	203.37
	12/18/2017				**4.72**	**203.16**
	3/12/2018				**3.38**	**204.50**
TW-34I	ABANDONED					
TW-35I	ABANDONED					
TW-36I	ABANDONED					

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
TW-37I	12/21/2012	NS	NS	35	9.75	NA
	9/7/2017				7.80	-7.80
TW-38I	12/21/2012	NS	NS	30	9.66	NA
	9/7/2017				8.21	-8.21
TW-39I	12/21/2012	NS	NS	35	NG	NG
	9/7/2017				8.11	-8.11
TW-40S / PZ-1	12/21/2012	202.35	205.32	10	6.35	198.97
	9/7/2017				5.93	199.39
GW-41S	12/3/2015	NS	209.34	15.5	2.79	**206.55**
	12/5/2016				7.81	**201.53**
	9/7/2017				4.73	204.61
	12/18/2017				**5.05**	**204.29**
	3/12/2018				**3.48**	
GW-42I	12/3/2015	NS	210.7	30.5	2.32	**208.38**
	12/5/2016				4.60	**206.10**
	9/7/2017				2.64	208.06
	12/18/2017				**3.32**	**207.38**
	3/12/2018				**1.49**	**209.21**
GW-43I	12/3/2015	NS	208.82	30.5	2.54	206.28
	12/5/2016				5.30	203.52
	9/7/2017				3.20	205.62
	12/18/2017				**3.99**	204.83
	3/12/2018				**2.52**	**206.30**
GW-44I	12/3/2015	NS	207.07	30.71	4.88	202.19
	12/5/2016				7.07	200.00
	9/7/2017				4.16	202.91
	12/18/2017				**4.95**	**202.12**
	3/12/2018				**4.30**	**202.77**
GW-45S	9/7/2017	206.48	206.14	15.00	2.21	203.93
GW-46S	9/7/2017	203.97	203.71	15.07	1.55	202.16
GW-47S	9/7/2017	202.53	202.31	15.21	2.75	199.56
PZ-2	9/7/2017	207.09	210.13	18.39	10.07	200.06
PZ-3	9/7/2017	206.37	209.66	18.77	8.38	201.28
PZ-4	9/7/2017	201.17	203.85	10.11	5.24	198.61
TP1	9/21/2004	210.21	211.91	15.00	3.31	208.60
	12/6/2004				3.59	208.32
	3/21/2005				2.87	209.04
	6/13/2005				4.00	207.91
	8/18/2005				3.40	208.51
	11/29/2005				4.70	207.21
	2/27/2006				1.70	210.21
	6/5/2006				6.32	205.59
	12/5/2006				10.07	201.84

Table 1
Well Construction Data and Historical Groundwater Elevations
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Date	Ground Elevation (ft msl)	Top of Casing Elevation (ft msl)	Total Well Depth (ft)	Depth to Water (ft BTOC)	Adjusted Groundwater Elevation (Potentiometric Surface)
TP-1 (cont'd)	6/5/2007	210.21	211.91	15.00	4.80	207.11
	12/11/2007				8.84	203.07
	6/9/2008				6.00	205.91
	2/2/2009				3.95	207.96
	6/29/2009				NG	NG
	12/7/2009				NG	NG
	11/28/2011	210.51	212.35		3.24	209.11
	12/10/2012				6.71	205.64
	12/3/2015				2.95	209.40
	12/5/2016				8.18	204.17
	9/7/2017				6.03	206.32

Notes:
ft msl - feet above mean aea level
ft BTOC - feet below top of casing
NA - Not Applicable
NG - Not Gauged
NS - Not Surveyed
* - Suspect Water Level
DRY - Well Gauged Dry

Table 2
Breakdown of Analytical Parameters
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	March 2005			Sampling			August 2005			Sampling			Sampling			June 2006			December 2006			June 2007		
	VOCs	SVOCs	NA	VOCs	SVOCs	NA	VOCs	SVOCs	NA	VOCs	SVOCs	NA	VOCs	SVOCs	NA	VOCs	SVOCs	NA	VOCs	SVOCs	NA	VOCs	SVOCs	NA
GW-01I	X	X		X	X											X	X					X	X	
GW-01S	X	X		X	X											X	X					X	X	
GW-03D					X																			
GW-03I		X	X	X	X	X	X	X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-03S		X	X	X	X	X	X	X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-05I		X	X	X	X	X		X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-05S		X	X	X	X	X		X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-06I	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GW-06S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GW-06D	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GW-07I				X	X											X	X					X	X	
GW-08D				X	X											X	X					X	X	
GW-08S				X	X											X	X					X	X	
GW-10I																X	X					X	X	
GW-10S																X	X					X	X	
GW-11I	X	X	X				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GW-11S	X	X	X				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GW-11D																						X	X	
GW-12D	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X
GW-12I	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X
GW-12S	X	X	X	X	X	X		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X
GW-13I				X	X											X	X					X	X	
GW-13S				X	X											X	X					X	X	
GW-14I		X	X	X	X	X		X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-14S		X	X	X	X	X		X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-15I		X	X	X	X	X		X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-15S		X	X	X	X	X		X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-16I				X	X											X	X					X	X	
GW-16S				X	X											X	X					X	X	
GW-17I																X	X					X	X	
GW-17S																X	X					X	X	
GW-18I																X	X					X	X	
GW-18S																X	X					X	X	
GW-19I				X	X											X	X					X	X	
GW-19S				X	X											X	X					X	X	
GW-20I	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GW-20S		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GW-21I				X	X											X	X					X	X	
GW-21S				X	X											X	X	X				X	X	X
GW-22D				X	X	X		X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-22S		X	X	X	X	X		X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-23I		X	X	X	X	X		X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-23S		X	X	X	X	X		X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-24I	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GW-24S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GW-25I		X	X	X	X	X		X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-25S		X	X	X	X	X		X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-26I		X	X	X	X	X		X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-26S		X	X	X	X	X		X	X		X	X		X	X	X	X	X		X	X	X	X	X
GW-27I	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GW-27S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GW-28D																								
GW-28I																								
GW-29I																								
GW-29S																								
GW-30I																								
GW-30S																								
GW-31I																								
GW-31S																								
GW-32I																								
GW-33I																								
GW-41S																								
GW-42I																								
GW-43I																								
GW-44I																								
GW-45																								
GW-46																								
GW-47																								
PZ-1																								
PZ-2																								
PZ-3																								
PZ-4																								
SW-1																								
SW-2																								
SW-3																								
SW-4																								
SW-5																								
SW-6																								
SW-7																								
SW-8																								
Totals	**15**	**31**	**29**	**41**	**42**	**28**	**15**	**28**	**28**	**14**	**30**	**30**	**11**	**30**	**30**	**49**	**49**	**31**	**14**	**30**	**30**	**50**	**50**	**31**

Table 2
Breakdown of Analytical Parameters
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	December 2007 Sampling			June 2008 Sampling			February 2009 Sampling			June 2009 Sampling		
	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	VOCs (Method 8260B)	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	VOCs (Method 8260B)	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	VOCs (Method 8260B)	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	VOCs (Method 8260B)
GW-01I			X			X			X			X
GW-01S												
GW-03D												
GW-03I		X			X			X			X	
GW-03S												
GW-05I												
GW-05S												
GW-06I	X	X		X	X		X	X		X	X	
GW-06S	X	X		X	X		X	X		X	X	
GW-06D	X	X		X			X			X	X	
GW-07I												
GW-08D												
GW-08S												
GW-10I												
GW-10S												
GW-11I	X	X		X	X		X	X		X	X	
GW-11S		X			X			X			X	
GW-11D												
GW-12D		X			X			X			X	
GW-12I	X	X		X	X		X	X		X	X	
GW-12S	X	X		X	X		X	X		X	X	
GW-13I												
GW-13S		X			X			X			X	
GW-14I												
GW-14S												
GW-15I												
GW-15S												
GW-16I		X			X			X			X	
GW-16S												
GW-17I		X			X			X			X	
GW-17S												
GW-18I		X			X			X			X	
GW-18S		X			X			X			X	
GW-19I												
GW-19S												
GW-20I	X	X		X	X		X	X		X	X	
GW-20S	X	X		X	X		X	X		X	X	
GW-21I												
GW-21S												
GW-22D												
GW-22S												
GW-23I		X			X			X			X	
GW-23S		X			X			X			X	
GW-24I	X	X		X	X		X	X		X	X	
GW-24S	X	X		X	X		X	X		X	X	
GW-25I												
GW-25S		X			X			X			X	
GW-26I		X			X			X			X	
GW-26S												
GW-27I	X	X		X	X		X	X		X	X	
GW-27S	X	X		X	X		X	X		X	X	
GW-28D												
GW-28I												
GW-29I												
GW-29S												
GW-30I												
GW-30S												
GW-31I												
GW-31S												
GW-32I												
GW-33I												
GW-41S												
GW-42I												
GW-43I												
GW-44I												
GW-45												
GW-46												
GW-47												
PZ-1												
PZ-2												
PZ-3												
PZ-4												
SW-1												
SW-2												
SW-3												
SW-4												
SW-5												
SW-6												
SW-7												
SW-8												
Totals	**12**	**24**	**1**	**12**	**23**	**1**	**12**	**23**	**1**	**12**	**24**	**1**

Table 2
Breakdown of Analytical Parameters
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	December 2009 Sampling			Nov/Dec 2011 Sampling			December 2012 Sampling			January 2014 Sampling		
	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	VOCs (Method 8260B)	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	VOCs (Method 8260B)	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	VOCs (Method 8260B)	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	VOCs (Method 8260B)
GW-01I			X			X			X			X
GW-01S												
GW-03D												
GW-03I	X	X		X	X		X	X		X	X	
GW-03S												
GW-05I												
GW-05S												
GW-06I	X	X		X	X		X	X		X	X	
GW-06S	X	X		X	X		X	X		X	X	
GW-06D		X			X			X			X	
GW-07I												
GW-08D												
GW-08S												
GW-10I												
GW-10S												
GW-11I	X	X		X	X		X	X		X	X	
GW-11S		X			X			X			X	
GW-11D												
GW-12D		X			X			X			X	
GW-12I	X	X		X	X		X	X		X	X	
GW-12S	X	X		X	X		X	X		X	X	
GW-13I												
GW-13S		X			X			X			X	
GW-14I												
GW-14S												
GW-15I												
GW-15S												
GW-16I		X			X			X			X	
GW-16S												
GW-17I		X			X			X			X	
GW-17S												
GW-18I		X			X			X			X	
GW-18S		X			X			X			X	
GW-19I												
GW-19S												
GW-20I	X	X		X	X		X	X		X	X	
GW-20S	X	X		X	X		X	X		X	X	
GW-21I												
GW-21S												
GW-22D												
GW-22S												
GW-23I	X	X		X	X		X	X		X	X	
GW-23S		X			X			X			X	
GW-24I	X	X		X	X		X	X		X	X	
GW-24S	X	X		X	X		X	X		X	X	
GW-25I												
GW-25S		X			X			X			X	
GW-26I		X			X			X			X	
GW-26S												
GW-27I	X	X		X	X		X	X		X	X	
GW-27S	X	X		X	X		X	X		X	X	
GW-28D				X	X		X	X		X	X	
GW-28I												
GW-29I				X	X		X	X		X	X	
GW-29S				X	X		X	X		X	X	
GW-30I				X	X		X	X		X	X	
GW-30S				X	X		X	X		X	X	
GW-31I				X	X		X	X		X	X	
GW-31S				X	X		X	X		X	X	
GW-32I				X	X		X	X		X	X	
GW-33I				X	X		X	X		X	X	
GW-41S												
GW-42I												
GW-43I												
GW-44I												
GW-45												
GW-46												
GW-47												
PZ-1												
PZ-2												
PZ-3												
PZ-4												
SW-1												
SW-2												
SW-3												
SW-4												
SW-5												
SW-6												
SW-7												
SW-8												
Totals	**13**	**24**	**1**	**22**	**33**	**1**	**22**	**33**	**1**	**22**	**33**	**1**

Table 2
Breakdown of Analytical Parameters
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	December 2015 Sampling			April 2016 Sampling					
	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	VOCs (Method 8260B)	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	Total Metals (Method 6010C)	Cr^{+6} (Method 3500-Cr B)	Ion Scan (Method 9056A)	VOCs (Method 8260B)
GW-01I			X						
GW-01S									
GW-03D									
GW-03I	X	X							
GW-03S									
GW-05I									
GW-05S									
GW-06I	X	X							
GW-06S	X	X							
GW-06D		X							
GW-07I									
GW-08D									
GW-08S									
GW-10I									
GW-10S									
GW-11I	X	X							
GW-11S		X							
GW-11D									
GW-12D		X							
GW-12I	X	X							
GW-12S	X	X							
GW-13I									
GW-13S		X							
GW-14I									
GW-14S									
GW-15I									
GW-15S									
GW-16I		X							
GW-16S									
GW-17I		X							
GW-17S									
GW-18I		X							
GW-18S		X							
GW-19I									
GW-19S									
GW-20I	X	X		X	X	X	X	X	X
GW-20S	X	X		X	X	X	X	X	X
GW-21I									
GW-21S									
GW-22D									
GW-22S									
GW-23I	X	X							
GW-23S		X							
GW-24I	X	X		X	X	X	X	X	X
GW-24S	X	X							
GW-25I									
GW-25S		X							
GW-26I		X							
GW-26S									
GW-27I	X	X		X	X	X	X	X	X
GW-27S	X	X							
GW-28D	X	X							
GW-28I	X	X		X	X	X	X	X	X
GW-29I	X	X							
GW-29S	X	X		X	X	X	X	X	X
GW-30I	X	X							
GW-30S	X	X							
GW-31I	X	X		X	X	X	X	X	X
GW-31S	X	X							
GW-32I	X	X		X	X	X	X	X	X
GW-33I	X	X		X	X	X	X	X	X
GW-41S	X	X		X	X	X	X	X	X
GW-42I	X	X		X	X	X	X	X	X
GW-43I	X	X		X	X	X	X	X	X
GW-44I	X	X		X	X	X	X	X	X
GW-45									
GW-46									
GW-47									
PZ-1									
PZ-2									
PZ-3									
PZ-4									
SW-1									
SW-2									
SW-3									
SW-4									
SW-5									
SW-6									
SW-7									
SW-8									
Totals	**27**	**38**	**1**	**13**	**13**	**13**	**13**	**13**	**13**

Table 2
Breakdown of Analytical Parameters
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	May 2016 Sampling						October 2016 Sampling					
	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	Total Metals (Method 6010C)	Cr^{+6} (Method 3500-Cr B)	Ion Scan (Method 9056A)	VOCs (Method 8260B)	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	Total Metals (Method 6010C)	Cr^{+6} (Method 3500-Cr B)	Ion Scan (Method 9056A)	VOCs (Method 8260B)
GW-01I												
GW-01S												
GW-03D												
GW-03I												
GW-03S												
GW-05I												
GW-05S												
GW-06I												
GW-06S												
GW-06D												
GW-07I												
GW-08D												
GW-08S												
GW-10I												
GW-10S												
GW-11I												
GW-11S												
GW-11D												
GW-12D												
GW-12I												
GW-12S												
GW-13I												
GW-13S												
GW-14I												
GW-14S												
GW-15I												
GW-15S												
GW-16I												
GW-16S												
GW-17I												
GW-17S												
GW-18I												
GW-18S												
GW-19I												
GW-19S												
GW-20I	X	X	X	X	X	X	X	X	X	X	X	X
GW-20S	X	X	X	X	X	X	X	X	X	X	X	X
GW-21I												
GW-21S												
GW-22D												
GW-22S												
GW-23I												
GW-23S												
GW-24I	X	X	X	X	X	X	X	X	X	X	X	X
GW-24S												
GW-25I												
GW-25S												
GW-26I												
GW-26S												
GW-27I	X	X	X	X	X	X	X	X	X	X	X	X
GW-27S												
GW-28D												
GW-28I	X	X	X	X	X	X	X	X	X	X	X	X
GW-29I												
GW-29S	X	X	X	X	X	X	X	X	X	X	X	X
GW-30I												
GW-30S												
GW-31I	X	X	X	X	X	X	X	X	X	X	X	X
GW-31S												
GW-32I	X	X	X	X	X	X	X	X	X	X	X	X
GW-33I	X	X	X	X	X	X	X	X	X	X	X	X
GW-41S	X	X	X	X	X	X	X	X	X	X	X	X
GW-42I	X	X	X	X	X	X	X	X	X	X	X	X
GW-43I	X	X	X	X	X	X	X	X	X	X	X	X
GW-44I	X	X	X	X	X	X	X	X	X	X	X	X
GW-45												
GW-46												
GW-47												
PZ-1												
PZ-2												
PZ-3												
PZ-4												
SW-1												
SW-2												
SW-3												
SW-4												
SW-5												
SW-6												
SW-7												
SW-8												
Totals	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**	**13**

Table 2
Breakdown of Analytical Parameters
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	December 2016 Sampling			September 2017 Sampling				December 2017 Sampling					
	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	VOCs (Method 8260B)	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	VOCs (Method 8260B)	Total Metals (Method 6010C)	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	Total Metals (Method 6010C)	Cr^{+6} (Method 3500-Cr B)	Hg (Method 7470A)	Ion Scan (Method 9056A)
GW-01I			X			X							
GW-01S													
GW-03D													
GW-03I	X	X		X	X								
GW-03S													
GW-05I													
GW-05S													
GW-06I	X	X		X	X								
GW-06S	X	X		X	X								
GW-06D		X			X								
GW-07I													
GW-08D													
GW-08S													
GW-10I													
GW-10S													
GW-11I	X	X		X	X								
GW-11S		X			X								
GW-11D													
GW-12D		X			X								
GW-12I	X	X		X	X								
GW-12S	X	X		X	X								
GW-13I													
GW-13S		X			X								
GW-14I				X	X								
GW-14S				X	X								
GW-15I				X	X								
GW-15S				X	X								
GW-16I		X			X								
GW-16S													
GW-17I		X			X								
GW-17S													
GW-18I		X			X								
GW-18S		X			X								
GW-19I													
GW-19S													
GW-20I	X	X		X	X		X	X	X	X	X	X	X
GW-20S	X	X		X	X		X	X	X	X	X	X	X
GW-21I													
GW-21S													
GW-22D													
GW-22S													
GW-23I	X	X		X	X								
GW-23S		X			X								
GW-24I	X	X		X	X		X	X	X	X	X	X	X
GW-24S	X	X		X	X								
GW-25I													
GW-25S		X			X								
GW-26I		X			X								
GW-26S													
GW-27I	X	X		X	X		X	X	X	X	X	X	X
GW-27S	X	X		X	X								
GW-28D	X	X		X	X								
GW-28I	X	X		X	X		X	X	X	X	X	X	X
GW-29I	X	X		X	X								
GW-29S	X	X		X	X		X	X	X	X	X	X	X
GW-30I	X	X		X	X		X						
GW-30S	X	X		X	X								
GW-31I	X	X		X	X			X	X	X	X	X	X
GW-31S	X	X		X	X								
GW-32I	X	X		X	X		X	X	X	X	X	X	X
GW-33I	X	X		X	X		X	X	X	X	X	X	X
GW-41S	X	X		X	X		X	X	X	X	X	X	X
GW-42I	X	X		X	X		X	X	X	X	X	X	X
GW-43I	X	X		X	X		X	X	X	X	X	X	X
GW-44I	X	X		X	X		X	X	X	X	X	X	X
GW-45					X	X							
GW-46					X	X							
GW-47					X	X							
PZ-1				X	X								
PZ-2				X	X								
PZ-3				X	X								
PZ-4				X	X								
SW-1					X								
SW-2					X								
SW-3					X								
SW-4					X								
SW-5					X								
SW-6					X								
SW-7					X								
SW-8					X								
Totals	**27**	**38**	**1**	**35**	**56**	**4**	**13**	**13**	**13**	**13**	**13**	**13**	**13**

Table 2
Breakdown of Analytical Parameters
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	March 2018 Sampling				
	BTEX (Method 8260B)	PAHs (Method 8270C + SIM)	Total Metals (Method 6010C)	Cr^{+6} (Method 3500-Cr B)	Ion Scan (Method 9056A)
GW-01I					
GW-01S					
GW-03D					
GW-03I					
GW-03S					
GW-05I					
GW-05S					
GW-06I					
GW-06S					
GW-06D					
GW-07I					
GW-08D					
GW-08S					
GW-10I					
GW-10S					
GW-11I					
GW-11S					
GW-11D					
GW-12D					
GW-12I					
GW-12S					
GW-13I					
GW-13S					
GW-14I					
GW-14S					
GW-15I					
GW-15S					
GW-16I					
GW-16S					
GW-17I					
GW-17S					
GW-18I					
GW-18S					
GW-19I					
GW-19S					
GW-20I	X	X	X	X	X
GW-20S	X	X	X	X	X
GW-21I					
GW-21S					
GW-22D					
GW-22S					
GW-23I					
GW-23S					
GW-24I	X	X	X	X	X
GW-24S					
GW-25I					
GW-25S					
GW-26I					
GW-26S					
GW-27I	X	X	X	X	X
GW-27S					
GW-28D					
GW-28I	X	X	X	X	X
GW-29I					
GW-29S	X	X	X	X	X
GW-30I					
GW-30S					
GW-31I	X	X	X	X	X
GW-31S					
GW-32I	X	X	X	X	X
GW-33I	X	X	X	X	X
GW-41S	X	X	X	X	X
GW-42I	X	X	X	X	X
GW-43I	X	X	X	X	X
GW-44I	X	X	X	X	X
GW-45					
GW-46					
GW-47					
PZ-1					
PZ-2					
PZ-3					
PZ-4					
SW-1					
SW-2					
SW-3					
SW-4					
SW-5					
SW-6					
SW-7					
SW-8					
Totals	**13**	**13**	**13**	**13**	**13**

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-01I	GW-01I	µg/L	14-Dec-94							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-01I		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-01I		30-Dec-97							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-01I		14-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-001I		19-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW01I		28-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-O1I		15-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW1I		31-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP4		14-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW01I		14-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 01I		12-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW01I		12-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
GW-01S	GW-01S	µg/L	7-Dec-94							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-01S		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	6	<5	<5
	GW-01S		30-Dec-97							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	**71**	<5	<5
	GW-01S		14-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	**29**	<5	<5
	GW-01S		28-Jun-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	**27**	<5	<5
	WS-W-GW1S		13-Feb-03		<10	<10	<10	<10	<10	<0.5	<1	<0.05	<0.05	<0.05	<0.1	<0.1	<0.05	<10		<10	<0.05	<0.1	<10	<10	<0.1	<0.1	<0.05	**21**	<0.05	<0.05
	WS-W-GW-001S		12-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	11	<10	<10
	WST-G-GW01S		28-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-O1S		15-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW1S		31-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	13	<10	<10
	WST-G-GW01S		14-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	16	<10	<10
	WST-G-GW 01S		12-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW01S		12-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
GW-03D	GW-03D	µg/L	14-Dec-94							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-03D		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-03D		16-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-03D		9-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	17	<5	<5
	GW-03D		28-Jun-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-03I	GW-03I	µg/L	28-Jun-00							10	<5	<5		<5	<5	<5	<5				<5				7	8	<5	14	**8**	<5
	WS-W-GW-3I		19-Feb-03		<10	<10	<10	<10	<10	<0.5	<1	<10	<0.05	<0.05	<0.1	<0.1	<0.05	<10		<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<0.5	<10	<10
	WS-W-GW-003I		13-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW03IR		22-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-03IR		13-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW03IR		23-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP1		15-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW03I		15-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW03IR		19-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 03IR		30-Nov-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 03IR		28-Feb-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	**0.38**	0.1	0.15	<10	<10	<10	<10	<10	**0.2**	0.1	<10	<10	<10	<10	0.12	<10	<10	<10
	WSFG-GW03IR		8-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-DUP 1		8-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 03IR		8-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW03IR		12-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 03 IR		11-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	0.05	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-DUP2		11-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW03IR		11-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	DUPE-2		5-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW3I		5-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.32**	0.15	**0.31**	<10	<10	NA	NA	NA	0.13	0.14	NA	NA	<10	<10	0.15	<10	<10	<10
	Dupe-2		2-Jul-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.28**	<0.050	<0.10	<10	<10	NA	NA	NA	0.15	<0.10	NA	NA	<10	<10	0.05	<10	<10	<10
	WST-G-GW3IR		2-Jul-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.34**	0.1	0.12	<10	<10	NA	NA	NA	0.18	0.11	NA	NA	<10	<10	0.12	19	<10	<10
	DUP-2		10-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.11**	0.05	<0.10	<10	<10	NA	NA	NA	0.1	<0.10	NA	NA	<10	<10	<0.050	10	<10	<10
	WST-G-GW 3I		10-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.11**	<0.050	<0.10	<10	<10	NA	NA	NA	0.07	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-3I		2-Dec-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	0.66	<0.050	<0.050
	DUP-3		2-Dec-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	<0.50	<0.050	<0.050
	GW-3I		12-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	DUP-2		12-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-3I		15-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	0.05	0.074	<0.10	<10	<10	NA	NA	NA	0.078	0.13	NA	NA	<10	<10	0.15	<10	<10	<10
	GW-3I		8-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-3I		6-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-3I		18-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-03S	GW-03S	µg/L	5-Oct-94							**7600**	<5	88		<5	<5	<5	<5				<5				**3000**	**5400**	<5	**5400**	**8800**	210
	GW-03S		23-Mar-95							600	37	39		<5	<5	<5	<5				<5				<5	550	<5	**7000**	**550**	<5
	GW-03S		7-Jan-98							120	<5	<5		<5	<5	<5	<5				<5				<5	77	<5	**1100**	**85**	<5
	GW-03S		10-Feb-00							490	9	10		<5	<5	<5	<5				<5				6	150	<5	**8800**	**160**	<5
	GW-03SR		28-Jun-00							690	25	22		<5	<5	<5	<5				<5				39	380	<5	**6100**	**320**	20
	WS-W-GW-003S		13-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW03SR		22-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	0.07	0.1	<10	<10	<10	<10	<10	<0.05	0.26	<10	<10	<10	<10	0.27	<10	<10	<10
	WST-G-GW-03SR		14-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW03SR		23-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW03SR		15-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW03SR		19-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 03SR		30-Nov-05	<10	<10	**15**	20	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 03SR		28-Feb-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 035R		8-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 03SR		8-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW03SR		12-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-05I	GW-05I	µg/L	7-Nov-94							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-05I		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-05I		15-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-05I		2-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-005I		13-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW05IR		28-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP1		14-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-05IR		14-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW05IR		23-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW05IR		14-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW05IR		22-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 05IR		30-Nov-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 05IR		28-Feb-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	**0.18**	<0.050	<0.10	<10	<10	<10	<10	<10	0.06	<0.10	<10	<10	<10	<10	0.06	<10	<10	<10
	WST-G-GW-05IR		8-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 05IR		7-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-DUP 3		11-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW05IR		11-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
GW-05S	GW-05S		5-Oct-94							9	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	18	**10**	<5
	GW-05S		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-05S		31-Dec-97							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-05S		15-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-05S		2-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-005S		13-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-DUP1		28-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW05SR		28-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-05SR		14-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW05SR		23-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	0.12	<10	<10	<10
	WST-G-GW05SR		14-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW05SR		22-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 05SR		30-Nov-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 05SR		28-Feb-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-05SR		8-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 05SR		7-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-DUP-02		7-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW- 05 SR		7-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10

Table 3
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Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-06D	GW-06D	µg/L	15-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-06D		6-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-GW06DR		23-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW06DR		15-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW06DR		22-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 06DR		1-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 06DR		1-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 06DR		7-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-DUP-02		11-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	**0.41**	<10	<10	<10	<10	0.23	<10	<10	<10
	WST-G-GW-06 DR		11-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-06-DR		5-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	0.07	<0.10	<10	<10	<10	<10	<10	<0.050	**0.4**	<10	<10	<10	<10	0.38	<10	<10	<10
	WST-G-DUP 1		12-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.52**	**0.49**	**0.57**	<10	<10	<10	NA	NA	NA	**0.52**	**0.51**	NA	NA	<10	<10	**0.51**	<10	<10	<10
	WST-G-GW 6DR		12-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	0.07	0.07	<0.10	<10	<10	<10	NA	NA	NA	0.08	<0.10	NA	NA	<10	<10	0.07	<10	<10	<10
	WST-G-GW-06DR		10-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	0.05	<0.10	<10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW6D		4-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW6DR		2-Jul-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW6D		9-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.13**	0.12	0.11	<10	<10	<10	NA	NA	NA	0.13	0.12	NA	NA	<10	<10	0.12	<10	<10	<10
	GW-6D		30-Nov-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	<0.50	<0.050	<0.050
	GW-6D		13-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-6D		16-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	0.06	<10	<10	<10
	GW-6D		10-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-6D		6-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-6D		20-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-06I	GW-06I	µg/L	7-Nov-94							88	<5	12		<5	<5	<5	<5				<5				25	76	<5	**4000**	**170**	14
	GW-06I		23-Mar-95							200	<5	<5		<5	<5	<5	<5				<5				<5	93	<5	**7000**	**66**	<5
	GW-06I		15-Apr-98							660	10	9		<5	<5	<5	<5				<5				10	290	<5	**9700**	**190**	8
	GW-06I		9-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				8	6	<5	**1700**	**14**	<5
	WS-W-GW6I		13-Feb-03		<10	<10	<10	<10	<10	440	<1	<10	<0.05	<0.05	<0.1	<0.1	<0.05	10		390	<0.05	<0.1	250	<10	<10	180	<0.05	**9100**	**150**	<10
	WS-W-GW 006I		14-Apr-04							61	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	41	<10	**1400**	**49**	<10
	WST-G-GW6IR		23-Sep-04	15	<10	<10	<10	<10	<10	12	<10	<10	**0.24**	0.05	<0.1	<10	<10	<10	<10	<10	**0.22**	<0.1	36	<10	11	17	<0.05	**2100**	**43**	<10
	WST-G-GW-06IR		9-Dec-04	24	<10	<10	<10	<10	<10	14	<10	<10	**0.12**	<0.05	<0.1	<10	<10	<10	<10	<10	0.13	<0.1	47	<10	11	20	<0.05	**2100**	**49**	<10
	WST-G-GW06IR		24-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	**0.27**	<0.05	<0.1	<10	<10	<10	<10	<10	0.07	<0.1	21	<10	<10	12	<0.05	**1100**	**21**	<10
	WST-G-GW06IR		15-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	0.08	0.05	<0.1	<10	<10	<10	<10	<10	0.06	<0.1	<10	<10	<10	<10	<0.05	**390**	<10	<10
	WST-G-GW06IR		23-Aug-05	10	<10	<10	<10	<10	<10	<10	<10	<10	**0.19**	<0.05	<0.1	<10	<10	<10	<10	<10	0.15	<0.1	33	<10	<10	15	<0.05	**1400**	**29**	<10
	WST-G-GW 06IR		1-Dec-05	19	<10	<10	<10	<10	<10	<10	<10	<10	**0.16**	<0.050	<0.10	<10	<10	<10	<10	<10	0.1	<0.10	39	<10	<10	13	<0.050	**1300**	**38**	<10
	WST-G-GW 06IR		1-Mar-06	16	<10	<10	<10	<10	<10	<10	<10	<10	**0.41**	0.05	**0.29**	<10	<10	<10	<10	<10	0.19	0.28	29	<10	<10	11	0.36	**1200**	**23**	<10
	WST-G-GW 06IR		7-Jun-06	12	<10	<10	<10	<10	<10	<10	<10	<10	**0.17**	<0.050	<0.10	<10	<10	<10	<10	<10	0.14	<0.10	38	<10	<10	12	<0.050	**1800**	**28**	<10
	WST-G-GW-06 IR		11-Dec-06	18	<10	<10	<10	<10	<10	<10	<10	<10	**0.16**	<0.050	<0.10	<10	<10	<10	<10	<10	0.11	<0.10	38	<10	<10	<10	0.05	**1400**	**31**	<10
	WST-G-GW-06-IR		5-Jun-07	30	<10	<10	<10	<10	<10	55	<10	<10	**0.83**	0.06	0.17	<10	<10	<10	<10	29	**0.44**	<0.10	60	<10	<10	28	<0.050	**4100**	**39**	<10
	WST-G-GW 6IR		12-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.24**	<0.050	0.11	<10	<10	NA	NA	NA	**0.24**	<0.10	NA	NA	<10	<10	<0.050	**1500**	**20**	<10
	WST-G-DUP1		10-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	19	**0.47**	<0.050	<0.10	<10	<10	NA	NA	NA	0.14	<0.10	NA	NA	<10	10	<0.050	**870**	**18**	<10
	WST-G-GW-06IR		10-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.86**	**0.41**	**0.35**	<10	<10	NA	NA	NA	**0.4**	**0.34**	NA	NA	<10	10	0.39	**990**	**20**	<10
	DUPE-1		4-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.34**	0.07	0.11	<10	<10	NA	NA	NA	**0.35**	<0.10	NA	NA	<10	<10	0.09	**1200**	**23**	<10
	WST-G-GW6I		4-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.41**	0.06	<0.10	<10	<10	NA	NA	NA	**0.32**	<0.10	NA	NA	<10	13	<0.050	**1100**	**28**	<10
	Dupe-1		1-Jul-09	NA	NA	NA	NA	NA	NA	160	<10	<10	**0.6**	<0.050	<0.10	<10	<10	NA	NA	NA	**0.28**	<0.10	NA	NA	<10	63	<0.050	**5700**	**57**	<10
	WST-G-GW6I		1-Jul-09	NA	NA	NA	NA	NA	NA	150	<10	<10	**0.89**	0.1	0.14	<10	<10	NA	NA	NA	**0.45**	<0.10	NA	NA	10	62	0.08	**5200**	**61**	<10
	WST-G-GW6I		9-Dec-09	NA	NA	NA	NA	NA	NA	11	<10	<10	**0.27**	<0.050	<0.10	<10	<10	NA	NA	NA	0.18	<0.10	NA	NA	<10	15	<0.050	**2200**	**38**	<10
	GW-6I		30-Nov-11	NA	NA	NA	NA	NA	NA	85	2.9	0.47	**0.24**	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	0.18	<0.10	NA	NA	4.4	53	<0.050	**4500**	**39**	2.0
	DUP-2		30-Nov-11	NA	NA	NA	NA	NA	NA	88	<10	<0.50	<0.50	<0.050	<1.0	<1.0	<0.50	NA	NA	NA	<0.50	<1.0	NA	NA	3.8	62	<0.50	**5100**	**45**	1.9
	GW-6I		14-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**21**	<10	<10
	DUP-3		14-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**39**	<10	<10
	GW-6I		16-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**310**	<10	<10
	GW-6I		10-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-6I		6-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-6I		20-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-06S	GW-06S	µg/L	23-Mar-95							300	7	<5		<5	<5	<5	<5				<5				<5	76	<5	**7000**	**60**	<5
	GW-06S		21-Apr-98							89	<5	<5		<5	<5	<5	<5				<5				<5	35	<5	**1800**	**25**	<5
	GW-06S		8-Feb-00							160	5	<5		<5	<5	<5	<5				<5				<5	32	<5	**1400**	**12**	<5
	WS-W-GW 006S		14-Apr-04							180	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	62	<10	**3300**	**23**	<10
	WST-G-GW6SR		23-Sep-04	35	300	<10	<10	47	30	240	<10	<10	**0.11**	<0.05	<0.1	<10	<10	<10	<10	120	<0.05	<0.1	110	<10	<10	85	<0.05	**5900**	**52**	<10
	WST-G-GW-6SR		10-Dec-04	64	280	<10	<10	48	35	300	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	110	<0.05	<0.1	130	<10	<10	110	<0.05	**6400**	**89**	<10
	WST-G-DUP2		23-Mar-05	<10	210	<10	<10	34	23	150	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	60	<10	<10	58	<0.05	**2400**	**35**	<10
	WST-G-GW06SR		23-Mar-05	13	210	<10	<10	<10	25	160	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	44	<0.05	<0.1	64	<10	<10	60	0.06	**2800**	**32**	<10
	WST-G-GW06SR		15-Jun-05	<10	250	<10	<10	35	25	110	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	35	<0.05	<0.1	38	<10	<10	43	<0.05	**2700**	**27**	<10
	WST-G-GW06SR		22-Aug-05	<10	130	<10	<10	30	16	110	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	63	<0.05	<0.1	47	<10	<10	47	<0.05	**1500**	**30**	<10
	WST-G-DUP 01		1-Dec-05	18	270	<10	<10	32	<10	150	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	140	<0.050	<0.10	75	<10	<10	66	<0.050	**5000**	**40**	<10
	WST-G-GW 06SR		1-Dec-05	<10	340	<10	<10	35	<10	160	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	150	<0.050	<0.10	77	<10	<10	70	<0.050	**6000**	**43**	<10
	WST-G-GW 06SR		1-Mar-06	14	260	<10	<10	23	<10	180	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	66	<10	<10	63	<0.050	**3700**	**42**	<10
	WST-G-GW 06SR		7-Jun-06	<10	300	<10	<10	24	20	240	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	67	<10	<10	74	<0.050	**4200**	**43**	<10
	WST-G-GW-06 SR		11-Dec-06	<10	50	<10	<10	<10	<10	57	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	21	<10	<10	23	0.06	**760**	**17**	<10
	WST-G-GW- 06 SR		7-Jun-07	11	49	<10	<10	<10	<10	65	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	21	<10	<10	24	<0.050	**410**	**11**	<10
	WST-G-GW 6SR		12-Dec-07	NA	NA	NA	NA	NA	NA	110	<10	<10	0.08	0.06	<0.10	<10	<10	NA	NA	NA	0.08	<0.10	NA	NA	<10	41	0.06	**2200**	**25**	<10
	WST-G-GW-06SR		10-Jun-08	NA	NA	NA	NA	NA	NA	67	<10	<10	0.09	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	36	<0.050	**1100**	**13**	<10
	WST-G-GW6S		4-Feb-09	NA	NA	NA	NA	NA	NA	27	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	0.05	<0.10	NA	NA	<10	15	<0.050	**370**	**12**	<10
	WST-G-GW6S		1-Jul-09	NA	NA	NA	NA	NA	NA	58	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	26	<0.050	**120**	<10	<10
	WST-G-GW6S		9-Dec-09	NA	NA	NA	NA	NA	NA	70	<10	<10	**0.35**	**0.29**	**0.31**	<10	<10	NA	NA	NA	**0.29**	**0.32**	NA	NA	<10	38	0.29	**700**	**17**	<10
	GW-6S		30-Nov-11	NA	NA	NA	NA	NA	NA	32	<1.0	1.1	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	0.99	12	<0.050	**290**	**15**	0.45
	GW-6S		14-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**22**	<10	<10
	GW-6S		16-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**28**	<10	<10
	GW-6S		10-Dec-15	NA	NA	NA	NA	NA	NA	30	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**170**	**16**	<10
	GW-6S		8-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**<10**	<10	<10
	GW-6S		20-Sep-17	NA	NA	NA	NA	NA	NA	24	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	DUP-3		20-Sep-17	NA	NA	NA	NA	NA	NA	21	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-07I	GW-07I	µg/L	14-Dec-94							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-07I		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-07I		22-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW 007I		14-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW7IR		23-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-07IR		8-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP5		20-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW07IR		20-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 07IR		7-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW07IR		6-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
GW-08D	GW-08D	µg/L	14-Dec-94							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-08D		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-08D Dup		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-08D		14-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-GW08D		14-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-8D		9-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW08D		12-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GWDUP 5		12-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-08S	GW-08S	µg/L	7-Dec-94							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-08S		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-08S		14-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-GW08S		14-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-8S		9-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-DUP-4		8-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW- 8 S		8-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
GW-09I	GW-09I	µg/L	7-Nov-94							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-09I		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-09I		8-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
GW-09S	GW-09S	µg/L	7-Nov-94							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-09S		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-09S		16-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-09S		8-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	**26**	<5	<5
	GW-09S		28-Jun-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-09S Dup		28-Jun-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
GW-10I	GW-10I	µg/L	3-Nov-94							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	5	<5	<5
	GW-10I		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-10I		30-Dec-97							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-GW10I		21-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 10I		14-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW10I		12-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
GW-10S	GW-10S	µg/L	3-Nov-94							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	13	<5	<5
	GW-10S		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-10S		22-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-GW10S		21-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP 5		14-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 10S		14-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW- 10 S		8-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
GW-11D	WST-G-GW11D	µg/L	12-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	**0.27**	0.07	**0.26**	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	0.1	<10	<10	<10

Table 3
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Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-11I	GW-11I	µg/L	7-Nov-94							12	<5	<5		<5	<5	<5	<5				<5				<5	32	<5	**1100**	**47**	<5
	GW-11I		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	28	<5	**1900**	**43**	<5
	GW-11I		31-Dec-97							<5	<5	<5		<5	<5	<5	<5				<5				<5	33	<5	**2400**	**60**	<5
	GW-11I		22-Apr-98							6	<5	<5		<5	<5	<5	<5				<5				<5	37	<5	**3000**	**66**	<5
	GW-11I		4-Feb-00							6	<5	<5		<5	<5	<5	<5				<5				<5	30	<5	**4200**	**96**	<5
	WS-W-GW11I		14-Feb-03		<10	<10	<10	<10	<10	12	<10	<10	<10	<10	<10	<10	<10	<10		26	<10	<10	97	<10	<10	34	<10	**2300**	**71**	<10
	WS-W-GW-11I		13-Apr-04							21	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	35	<10	**2800**	**60**	<10
	WST-G-GW11I		29-Sep-04	18	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	0.05	<0.1	<10	<10	<10	<10	21	<0.05	<0.1	40	<10	<10	16	0.07	**1300**	**28**	<10
	WST-G-DUP2		16-Dec-04	36	<10	<10	<10	<10	<10	19	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	26	<0.05	<0.1	74	<10	<10	29	<0.05	**2100**	**45**	<10
	WST-G-GW-11I		16-Dec-04	36	<10	<10	<10	<10	<10	19	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	26	<0.05	<0.1	75	<10	<10	29	<0.05	**2300**	**45**	<10
	WST-G-GW11I		29-Mar-05	23	<10	<10	<10	<10	<10	18	<10	<10	0.05	0.08	0.16	<10	<10	<10	<10	28	0.08	<0.1	58	<10	1.7	21	0.1	**1800**	**35**	<10
	WST-G-GW11I		21-Jun-05	46	<10	<10	<10	<10	<10	33	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	45	<0.05	<0.1	94	<10	<10	38	<0.05	**3000**	**54**	<10
	WST-G-GW11I		29-Aug-05	38	<10	<10	<10	<10	<10	30	<10	<10	<0.05	<0.05	0.1	<10	<10	<10	<10	41	0.06	<0.1	85	<10	<10	34	0.05	**2500**	**51**	<10
	WST-G-GW 11I		6-Dec-05	42	<10	<10	<10	<10	<10	33	<10	<10	**0.13**	0.11	**0.28**	<10	<10	<10	<10	40	0.13	<0.10	91	<10	<10	37	0.16	**2700**	**58**	<10
	WST-G-GW 11I		7-Mar-06	40	<10	<10	<10	<10	<10	35	<10	<10	<0.050	<0.050	0.19	<10	<10	<10	<10	38	0.07	<0.10	89	<10	<10	37	0.13	**2100**	**50**	<10
	WST-G-GW-11I		15-Jun-06	36	<10	<10	<10	<10	<10	34	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	33	<0.050	<0.10	73	<10	<10	32	<0.050	**1500**	**41**	<10
	WST-G-GW 11I		14-Dec-06	38	<10	<10	<10	<10	<10	38	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	31	<0.050	<0.10	86	<10	<10	36	0.05	**1600**	**49**	<10
	WST-G-GW 11I		13-Jun-07	40	<10	<10	<10	<10	<10	43	<10	<10	0.09	0.14	**0.34**	<10	<10	<10	<10	35	0.16	<0.10	87	<10	<10	39	0.14	**2900**	**48**	<10
	WST-G-GW 11I		13-Dec-07	NA	NA	NA	NA	NA	NA	35	<10	<10	**0.1**	0.13	**0.25**	<10	<10	NA	NA	NA	0.15	<0.10	NA	NA	<10	33	0.14	**2000**	**45**	<10
	WST-G-GW11I		12-Jun-08	NA	NA	NA	NA	NA	NA	66	<10	<10	**0.18**	0.12	**0.21**	<10	<10	NA	NA	NA	0.1	<0.10	NA	NA	<10	66	0.13	**3100**	**81**	<10
	WST-G-GW11I		3-Feb-09	NA	NA	NA	NA	NA	NA	52	<10	<10	**0.63**	**0.54**	**0.65**	<10	<10	NA	NA	NA	**0.61**	**0.51**	NA	NA	<10	48	**0.57**	**1500**	**65**	<10
	WST-G-GW11I		30-Jun-09	NA	NA	NA	NA	NA	NA	43	<10	<10	**0.29**	0.17	0.18	<10	<10	NA	NA	NA	0.16	**0.31**	NA	NA	<10	41	0.27	**1900**	**51**	<10
	WST-G-GW 11I		9-Dec-09	NA	NA	NA	NA	NA	NA	53	<10	<10	0.05	0.1	**0.2**	<10	<10	NA	NA	NA	0.12	<0.10	NA	NA	<10	54	0.12	**1100**	**64**	<10
	GW-11I		29-Nov-11	NA	NA	NA	NA	NA	NA	35	1.4	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	2.8	38	<0.050	**1400**	**36**	0.17
	GW-11I		11-Dec-12	NA	NA	NA	NA	NA	NA	51	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	56	<0.050	**1500**	**56**	<10
	GW-11I		14-Jan-14	NA	NA	NA	NA	NA	NA	31	<10	<1.0	<0.050	0.052	0.13	<10	<10	NA	NA	NA	0.083	<0.10	NA	NA	<10	40	0.053	**530**	**24**	<10
	GW-11I		8-Dec-15	NA	NA	NA	NA	NA	NA	39	<10	<10	0.053	0.065	0.19	<10	<10	NA	NA	NA	0.16	<0.10	NA	NA	<10	52	0.061	**1300**	**39**	<10
	DUP-1		8-Dec-15	NA	NA	NA	NA	NA	NA	<1000	<10	<10	<0.050	<0.050	0.14	<10	<10	NA	NA	NA	0.095	<0.10	NA	NA	<10	<1000	<0.050	**1400**	<1000	<10
	GW-11I		7-Dec-16	NA	NA	NA	NA	NA	NA	36	<10	<10	0.064	0.11	**0.26**	<10	<10	NA	NA	NA	0.18	<0.10	NA	NA	<10	43	0.1	**750**	**26**	<10
	GW-11I		20-Sep-17	NA	NA	NA	NA	NA	NA	23	<10	<10	0.057	0.079	0.13	<10	<10	NA	NA	NA	0.092	<0.10	NA	NA	<10	36	0.1	**610**	**20**	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-11S	GW-11S	µg/L	7-Nov-94							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-11S		23-Mar-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-11S		22-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-11S		4-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-DUP 2		29-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	0.05	0.14	<10	<10	<10	<10	<10	0.08	<0.1	<10	<10	<10	<10	0.06	<10	<10	<10
	WST-G-GW11S		29-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-11S		16-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW11S		29-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	0.09	<0.1	<10	<10	<10	<10	<10	<0.05	0.19	<10	<10	<10	<10	0.15	<10	<10	<10
	WST-G-GW11S		21-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW11S		29-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 11S		6-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 11S		7-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-11S		15-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 11S		14-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-11S		13-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 11S			NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW11S		12-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.13**	0.13	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW11S		3-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	0.06	0.07	<0.10	<10	<10	NA	NA	NA	0.06	<0.10	NA	NA	<10	<10	0.08	<10	<10	<10
	WST-G-GW11S		30-Jun-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW11S		9-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.1**	0.08	0.11	<10	<10	NA	NA	NA	0.09	<0.10	NA	NA	<10	<10	0.1	<10	<10	<10
	GW-11S		29-Nov-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	<0.50	<0.050	<0.050
	GW-11S		11-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-11S		14-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-11S		8-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.18**	**0.29**	**0.51**	<10	<10	NA	NA	NA	**0.31**	<0.10	NA	NA	<10	<10	0.15	<10	<10	<10
	GW-11S		8-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	**<0.050**	**<0.050**	**<0.10**	<10	<10	NA	NA	NA	**0.057**	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-11S		21-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.14**	0.17	**0.38**	<10	<10	NA	NA	NA	**0.28**	<0.10	NA	NA	<10	<10	0.14	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-12D	GW-12D	µg/L	9-Feb-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-12D		6-Jan-97							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-12D		3-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW 012D		14-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW12DR		30-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	**0.1**	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-12DR		14-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW12DR		30-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW12DR		22-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW12DR		30-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP 2		6-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 12DR		6-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 12DR		8-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-12DR		13-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 12 DR MS/MSD		13-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-12D		14-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 12D		13-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW DUP 3 120		13-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.48**	**0.5**	**0.51**	<10	<10	NA	NA	NA	**0.52**	**0.58**	NA	NA	<10	<10	**0.55**	<10	<10	<10
	WST-G-GW12DR		12-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	**1.2**	**0.64**	**0.51**	<10	<10	NA	NA	NA	**0.67**	**0.61**	NA	NA	<10	<10	**0.67**	<10	<10	<10
	WST-G-GW12D		4-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.25**	**0.21**	**0.24**	<10	<10	NA	NA	NA	**0.27**	0.18	NA	NA	<10	<10	0.19	18	<10	<10
	WST-G-12DR		1-Jul-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.46**	0.17	0.19	<10	<10	NA	NA	NA	**0.27**	0.17	NA	NA	<10	<10	0.18	<10	<10	<10
	WST-G-GW12D		8-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-12D		1-Dec-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	<0.50	<0.050	<0.050
	GW-12D		11-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-12D		14-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-12D		7-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-12D		7-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-12D		19-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10

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Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-12I	GW-12I	µg/L	3-Nov-94							700	18	32		<5	<5	<5	<5				<5				55	350	<5	**5000**	**350**	28
	GW-12I		6-Jan-97							240	13	15		<5	<5	<5	<5				<5				35	170	<5	**1900**	**220**	16
	GW-12I		21-Apr-98							240	17	16		<5	<5	<5	<5				<5				43	170	<5	**2200**	**220**	20
	GW-12I		3-Feb-00							330	20	15		<5	<5	<5	<5				<5				45	160	<5	**4400**	**300**	20
	WS-W-GW12I		14-Feb-03		<10	<10	<10	<10	<10	120	<10	<10	<10	<10	<10	<0.1	<10	10		80	<10	<0.1	99	<10	28	89	<0.05	**1200**	**110**	13
	WS-W-GW-012I		15-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW12IR		30-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-12IR		13-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	11	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW12IR		31-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW12IR		22-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW12IR		30-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 12IR		6-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 12IR		8-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-12IR		13-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 12 IR		13-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-12IR		13-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 12IR		13-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.88**	**0.91**	**0.99**	<10	<10	NA	NA	NA	**0.88**	**1**	NA	NA	<10	<10	**0.98**	<10	<10	<10
	WST-G-GW12IR		12-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.14**	0.14	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW12I		4-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.10	<0.10	<0.20	<10	<10	NA	NA	NA	0.1	<0.20	NA	NA	<10	<10	<0.10	<10	<10	<10
	WST-G-12IR		1-Jul-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.42**	0.05	<0.10	<10	<10	NA	NA	NA	**0.2**	<0.10	NA	NA	<10	<10	0.05	<10	<10	<10
	WST-G-GW12I		8-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-12I		1-Dec-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	<0.50	<0.050	<0.050
	GW-12I		11-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<0.10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-12I		14-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	0.053	0.051	<0.10	<0.10	<10	NA	NA	NA	0.053	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-12I		7-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-12I		7-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-12 I		19-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-12S	GW-12S	µg/L	3-Nov-94							550	20	24		<5	<5	<5	<5				<5				65	300	<5	**3000**	**350**	33
	GW-12S		6-Jan-97							280	7	12		<5	<5	<5	<5				<5				24	130	<5	**1900**	**150**	13
	GW-12S		22-Apr-98							440	18	17		<5	<5	<5	<5				<5				47	220	<5	**3800**	**240**	24
	GW-12S		3-Feb-00							43	<5	<5		<5	<5	<5	<5				<5				6	25	<5	**180**	**42**	<5
	WS-W-GW 012S		14-Apr-04							250	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	99	<10	**2800**	**63**	<10
	WST-G-GW12SR		29-Sep-04	30	<10	<10	<10	<10	<10	130	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	89	<10	<10	64	<0.05	**2900**	**59**	<10
	WST-G-GW-12SR		14-Dec-04	79	<10	<10	<10	<10	<10	330	12	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	120	<0.05	<0.1	220	<10	<10	130	<0.05	**5200**	**110**	<10
	WST-G-GW12SR		30-Mar-05	85	<10	<10	<10	<10	<10	320	13	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	220	<0.05	<0.1	210	<10	<10	120	<0.05	**5000**	**100**	<10
	WST-G-GW12SR		22-Jun-05	69	<10	<10	<10	<10	<10	270	13	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	210	<0.05	<0.1	190	<10	<10	120	<0.05	**3800**	**110**	<10
	WST-G-GW12SR		30-Aug-05	69	<10	<10	<10	<10	<10	310	14	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	210	0.07	0.11	210	<10	<10	120	0.05	**4800**	**110**	<10
	WST-G-GW 12SR		6-Dec-05	72	<10	<10	<10	<10	<10	300	12	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	230	<0.050	<0.10	200	<10	<10	110	<0.050	**5400**	**99**	<10
	WST-G-GW 12SR		8-Mar-06	83	<10	<10	<10	<10	<10	380	14	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	100	<0.050	<0.10	230	<10	<10	130	<0.050	**5500**	**100**	<10
	WST-G-GW-12SR		13-Jun-06	45	<10	<10	<10	<10	<10	370	10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	130	<0.050	<0.10	130	<10	<10	98	<0.050	**4800**	**83**	<10
	WST-G-GW 12 SR		13-Dec-06	46	<10	<10	<10	<10	<10	240	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	120	<0.050	<0.10	130	<10	<10	92	<0.050	**3100**	**69**	<10
	WST-G-GW-12SR		13-Jun-07	69	<10	<10	<10	<10	<10	290	12	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	160	<0.050	<0.10	180	<10	<10	140	<0.050	**2600**	**99**	<10
	WST-G-GW 12S		13-Dec-07	NA	NA	NA	NA	NA	NA	260	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	110	<0.050	**3000**	**87**	<10
	WST-G-GW12SR		12-Jun-08	NA	NA	NA	NA	NA	NA	360	<10	<10	**0.16**	0.15	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	180	<0.050	**4900**	**140**	<10
	WST-G-GW12S		4-Feb-09	NA	NA	NA	NA	NA	NA	340	12	<10	0.09	0.07	<0.10	<10	<10	NA	NA	NA	0.1	<0.10	NA	NA	<10	160	0.08	**4100**	**110**	<10
	WST-G-GW12SR		1-Jul-09	NA	NA	NA	NA	NA	NA	270	12	<10	**0.36**	**0.26**	**0.25**	<10	<10	NA	NA	NA	**0.23**	0.28	NA	NA	<10	140	0.31	**3500**	**110**	<10
	WST-G-GW12S		8-Dec-09	NA	NA	NA	NA	NA	NA	340	12	<10	0.09	0.07	<0.10	<10	<10	NA	NA	NA	0.09	<0.10	NA	NA	<10	150	0.07	**3800**	**120**	<10
	GW-12S		1-Dec-11	NA	NA	NA	NA	NA	NA	250	<10	3.3	<0.50	<0.050	<0.10	<1.0	<0.50	NA	NA	NA	<0.50	<0.10	NA	NA	4.1	110	<0.050	**4600**	**98**	1.6
	GW-12S		11-Dec-12	NA	NA	NA	NA	NA	NA	320	11	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	150	<0.050	**5500**	**140**	<10
	GW-12S		14-Jan-14	NA	NA	NA	NA	NA	NA	190	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	0.09	NA	NA	<10	100	0.18	**2700**	**91**	<10
	GW-12S		7-Dec-15	NA	NA	NA	NA	NA	NA	450	10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	200	<0.050	**7000**	**190**	<10
	GW-12S		7-Dec-16	NA	NA	NA	NA	NA	NA	330	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	150	<0.050	**3100**	**120**	<10
	GW-12S		19-Sep-17	NA	NA	NA	NA	NA	NA	340	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	150	<0.050	**4300**	**130**	<10
GW-13I	GW-13I	µg/L	9-Feb-95							18	<5	9		<5	<5	<5	<5				<5				<5	21	<5	<5	**19**	<5
	GW-13IA dup		9-Feb-95							18	<5	8		<5	<5	<5	<5				<5				<5	19	<5	<5	**15**	<5
	GW-13I		7-Jan-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-13I		3-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW 013I		14-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW13I		30-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-13I		20-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW13I		22-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 13I		14-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-13I		14-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-13S	GW-13S	µg/L	9-Feb-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-13S		7-Jan-98							6	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-13S		21-Apr-98							7	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-13S		3-Feb-00							11	<5	5		<5	<5	<5	<5				<5				<5	12	<5	<5	15	<5
	WS-W-GW 013S		14-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW13S		30-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-13S		20-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW13S		22-Jun-05	<10	<10	<10	<10	<10	<10	11	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 13S		14-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	0.06	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-13S		14-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 13S		13-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW13S		11-Jun-08	NA	NA	NA	NA	NA	NA	12	<10	<10	**0.1**	0.08	<0.10	<10	<10	NA	NA	NA	0.06	<0.10	NA	NA	<10	<10	0.07	<10	<10	<10
	WST-G-GW13S		4-Feb-09	NA	NA	NA	NA	NA	NA	16	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	0.05	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW13S		1-Jul-09	NA	NA	NA	NA	NA	NA	11	<10	<10	**0.48**	**0.36**	**0.37**	<10	<10	NA	NA	NA	**0.32**	**0.44**	NA	NA	<10	<10	**0.43**	<10	<10	<10
	WST-G-GW13S		8-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.18**	0.09	0.1	<10	<10	NA	NA	NA	0.09	0.1	NA	NA	<10	<10	0.11	<10	<10	<10
	GW-13S		1-Dec-11	NA	NA	NA	NA	NA	NA	22	<1.0	1.5	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	1.6	1.1	<0.050	0.79	**2.3**	0.71
	GW-13S		11-Dec-12	NA	NA	NA	NA	NA	NA	17	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-13S		13-Jan-14	NA	NA	NA	NA	NA	NA	15	<1.0	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-13S		8-Dec-15	NA	NA	NA	NA	NA	NA	19	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-13S		7-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-13S		19-Sep-17	NA	NA	NA	NA	NA	NA	16	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-14I	GW-14I	µg/L	9-Feb-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-14I		21-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-14I		3-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-014I		15-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-DUP3		30-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW14I		30-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-14I		20-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW14I		30-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW14I		24-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW14I		29-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 14I		8-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 14I		7-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	0.11	<10	<10	<10	<10	0.13	<10	<10	<10
	WST-G-GW-14I		13-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW- 14 I		12-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-14I		13-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-14S	GW-14S	µg/L	9-Feb-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-14S		21-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-14S		3-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-014S		15-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW14S		30-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-14S		17-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP3		30-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	0.12	<0.1	<10	<10	<10	<10	<10	0.05	0.2	<10	<10	<10	<10	0.2	<10	<10	<10
	WST-G-GW14S		30-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP 03		23-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW14S		23-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW14S		29-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 14S		6-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-DUP2		7-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 14S		7-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW DUP-02		13-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-14S		13-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW- 14 S		12-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-14S		13-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	GW-14S		19-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-15I	GW-15I	µg/L	9-Feb-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-15I		21-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G_GW15I		31-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW15I		22-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW15I		30-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 15I		6-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 15I		7-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-15I		13-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW- 15 I		12-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-15I		13-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	GW-15I		19-Sep-17	NA	NA	NA	NA	NA	NA	<10	NA	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-15S	GW-15S	µg/L	9-Feb-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-15S		21-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-GW15S		29-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-15S		17-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW15S		30-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW15S		22-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP2		30-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW15S		30-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 15S		6-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 15S		7-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-15S		13-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW- 15 S		12-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-15S		13-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	GW-15S		19-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-16I	GW-16I	µg/L	9-Feb-95							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-16I		16-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-16I		5-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-016I		16-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW16I		28-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-16I		8-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW16I		16-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-16I		6-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW- 16 I		7-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 16I		11-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.13**	0.13	0.15	<10	<10	NA	NA	NA	0.13	0.12	NA	NA	<10	<10	0.14	<10	<10	<10
	WST-G-GW-16I		10-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW16I		5-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.27**	**0.22**	**0.26**	<10	<10	NA	NA	NA	**0.3**	0.18	NA	NA	<10	<10	0.21	<10	<10	<10
	WST-G-GW16I		2-Jul-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	13	<10	<10
	WST-G-GW 16 I		10-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-16 I		29-Nov-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	0.26	<0.050	0.56	**0.082**	<0.050
	GW-16I		12-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-16I		14-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-16I		8-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-16I		6-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-16I		21-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-16S	GW-16S	µg/L	9-Feb-95							8	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-16S		31-Dec-97							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-16S		16-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-16S		5-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-016S		15-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW16S		28-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP4		8-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-16S		8-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW16S		20-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-16S		6-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW- 16 S		7-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-17I	GW-17I	µg/L	22-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-17I		4-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-017I		13-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-DUP4		29-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW17I		29-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	0.07	<0.1	<10	<10	<10	<10	<10	<0.05	0.19	<10	<10	<10	<10	0.21	<10	<10	<10
	WST-G-GW-17I		15-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW17I		21-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 17I		14-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-17I		14-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 17I		13-Dec-07	`	`	NA	NA	`	NA	<10	<10	<10	**1.1**	**1.2**	**1.4**	<10	<10	NA	NA	NA	**1.2**	**1.2**	NA	NA	<10	<10	**1.2**	<10	<10	<10
	WST-G-GW17I		11-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.29**	**0.32**	**0.22**	<10	<10	NA	NA	NA	**0.28**	0.24	NA	NA	<10	<10	0.26	<10	<10	<10
	WST-G-GW17I		3-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	12	<10	<10
	WST-G-GW17I		30-Jun-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.85**	**0.55**	**0.63**	<10	<10	NA	NA	NA	**0.64**	**0.56**	NA	NA	<10	<10	**0.57**	<10	<10	<10
	WST-G-GW 17 I		10-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-17 I		29-Nov-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	<0.50	<0.050	<0.050
	GW-17I		10-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-17I		13-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-17I		8-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-17I		7-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-17I		20-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-17S	GW-17S	µg/L	22-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-17S		4-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-017S		13-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW17S		28-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-17S		15-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW17S		21-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 17S		14-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-17S		14-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10

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Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-18I	GW-18I	µg/L	22-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-18I		8-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	19	<5	<5
	GW-18I		28-Jun-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-018I		12-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW18I		29-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-18I		16-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW18I		21-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-18I		15-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	0.05	<10	<10	<10
	WST-G-GW-18I		13-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 18I		14-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	0.05	<0.10	<10	<10	NA	NA	NA	0.05	<0.10	NA	NA	<10	<10	0.06	<10	<10	<10
	WST-G-DUP3		12-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW18I		12-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	DUPE-3		3-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW18I		3-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.13**	0.1	0.11	<10	<10	NA	NA	NA	0.15	<0.10	NA	NA	<10	<10	0.11	<10	<10	<10
	Dupe-3		30-Jun-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW18I		30-Jun-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	DUP-3		8-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW18I		8-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	0.05	<10	<10	<10
	GW-18I		29-Nov-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	0.97	<0.050	<0.050
	DUP-1		29-Nov-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	<0.50	<0.050	<0.050
	GW-18I		11-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	DUP-1		11-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-18I		15-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-18I		8-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-18I		7-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-18I		20-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-18S	GW-18S	µg/L	22-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-18S		4-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-018S		12-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW18S		29-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	**0.1**	0.17	**0.37**	<10	<10	<10	<10	<10	**0.25**	<0.1	<10	<10	<10	<10	0.15	<10	<10	<10
	WST-G-GW-18S		16-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	0.13	**0.26**	<10	<10	<10	<10	<10	0.17	<0.1	<10	<10	<10	<10	0.11	<10	<10	<10
	WST-G-GW18S		21-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-18S		15-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 18S		13-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	**0.32**	0.08	**0.32**	<10	<10	<10	<10	<10	0.17	<0.10	<10	<10	<10	<10	0.12	<10	<10	<10
	WST-G-GW 18S		14-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW18S		12-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.74**	**0.34**	**0.66**	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	0.3	<10	<10	<10
	WST-G-GW18S		3-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.65**	**0.44**	**0.69**	<10	<10	NA	NA	NA	**0.65**	**0.46**	NA	NA	<10	<10	**0.48**	<10	<10	<10
	WST-G-GW18S		30-Jun-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	10	<10	<10
	WST-G-GW18S		8-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-18S		29-Nov-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	0.092	**0.29**	**0.81**	0.41	0.22	NA	NA	NA	**0.4**	<0.10	NA	NA	0.57	<0.10	**0.41**	<0.50	**0.1**	0.41
	GW-18S		11-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	0.063	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-18S		15-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	0.057	<10	<10	<10
	GW-18S		8-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	0.089	**0.35**	<10	<10	NA	NA	NA	**0.21**	<0.10	NA	NA	<10	<10	0.11	<10	<10	<10
	GW-18S		7-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	0.092	0.17	**0.48**	<10	<10	NA	NA	NA	**0.29**	<0.10	NA	NA	<10	<10	0.19	<10	<10	<10
	GW-18S		20-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	0.063	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-19I	GW-19I	µg/L	22-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-GW19I		20-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 19I		12-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW19I		12-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
GW-19S	GW-19S	µg/L	22-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-GW19S		20-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 19S		12-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW- 19 S		8-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
GW-20I	GW-20I	µg/L	14-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-20I		5-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-GW20IR		22-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	0.14	<10	<10	<10	<10	0.15	<10	<10	<10
	WST-G-GW-20IR		9-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW20IR		24-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	0.16	<10	<10	<10	<10	0.22	**49**	<10	<10
	WST-G-GW20I		16-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW20IR		23-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	**56**	<10	<10
	WST-G-GW 20IR		1-Dec-05	<10	<10	<10	<10	<10	<10	13	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	16	<10	<10	13	<0.050	**210**	**24**	<10
	WST-G-DUP 1		1-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	**29**	<10	<10
	WST-G-GW 20I		1-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 20IR		7-Jun-06	<10	<10	<10	<10	<10	<10	10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	12	<0.050	**270**	**16**	<10
	WST-G-GW-20 I R		6-Dec-06	<10	<10	<10	<10	<10	<10	11	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	15	<10	<10	11	<0.050	**120**	**20**	<10
	WST-G-GW20IR		11-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	0.05	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	10	<10	<10	<10	<0.050	**100**	**12**	<10
	WST-G-GW 20I		12-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	0.06	<0.050	<0.10	<10	<10	NA	NA	NA	0.07	<0.10	NA	NA	<10	11	0.05	**120**	**20**	<10
	WST-G-GW20IR		11-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.22**	0.15	0.12	<10	<10	NA	NA	NA	0.18	0.11	NA	NA	<10	<10	0.12	**88**	**11**	<10
	WST-G-GW20I		5-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.35**	**0.29**	**0.34**	<10	<10	NA	NA	NA	**0.36**	0.23	NA	NA	<10	<10	0.28	<10	<10	<10
	WST-G-GW20IR		1-Jul-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 20 I		10-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.1**	0.06	<0.10	<10	<10	NA	NA	NA	0.09	<0.10	NA	NA	<10	10	0.07	**98**	**22**	<10
	GW-20 I		30-Nov-11	NA	NA	NA	NA	NA	NA	9.1	<10	<0.50	<0.050	<0.050	<0.10	<0.10	<0.50	NA	NA	NA	<0.050	<0.10	NA	NA	1.7	8.3	<0.50	**160**	**13**	0.69
	GW-20 I		12-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**230**	**16**	<10
	GW-20 I		14-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.051	<10	<10	<10
	GW-20I		9-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**97**	<10	<10
	GW-20I		27-Apr-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	NA	NA	NA	<0.05	<0.1	NA	NA	<10	<10	<0.05	<10	<10	<10
	GW-20I		18-May-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-20I		4-Oct-16	NA	NA	NA	NA	NA	NA	<1000	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<1000	<0.050	**78**	<1000	<10
	GW-20I		8-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**<10**	<10	<10
	GW-20I		19-Sep-17	NA	NA	NA	NA	NA	NA	<1000	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<1000	<0.050	**110**	**12**	<10
	DUP-2		19-Sep-17	NA	NA	NA	NA	NA	NA	16	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	0.06	<0.10	NA	NA	<10	14	0.055	**170**	**20**	<10
	GW-20I		18-Dec-17	NA	NA	NA	NA	NA	NA	<10	<10	12	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**47**	**12**	<10
	GW-20I		12-Mar-18	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	0.053	<0.10	NA	NA	<10	<10	<0.050	14	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-20S	GW-20S	µg/L	14-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-20S		5-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	7	<5	<5
	WS-W-GW-020S		15-Apr-04							100	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	71	<10	**3100**	**34**	<10
	WST-G-GW20SR		22-Sep-04	46	<10	<10	<10	<10	<10	130	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	33	<0.05	<0.1	130	<10	<10	76	<0.05	**3800**	**74**	<10
	WST-G-GW-20SR		9-Dec-04	<10	<10	<10	<10	<10	<10	100	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	42	<0.05	<0.1	98	<10	<10	63	<0.05	**4400**	**52**	<10
	WST-G-GW20SR		24-Mar-05	12	<10	<10	<10	<10	<10	77	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	23	<0.05	<0.1	81	<10	<10	50	0.1	**2500**	**52**	<10
	WST-G-GW20S		16-Jun-05	23	<10	<10	<10	<10	<10	81	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	21	<0.05	<0.1	87	<10	<10	57	<0.05	**2600**	**66**	<10
	WST-G-GW20SR		23-Aug-05	28	<10	<10	<10	<10	<10	69	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	23	<0.05	<0.1	89	<10	<10	55	<0.05	**2800**	**71**	<10
	WST-G-GW 20SR		1-Dec-05	20	<10	<10	<10	<10	<10	57	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	16	<0.050	<0.10	65	<10	<10	46	<0.050	**2400**	**50**	<10
	WST-G-GW 20SR		2-Mar-06	50	<10	<10	<10	<10	<10	100	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	25	<0.050	<0.10	97	<10	<10	72	<0.050	**4700**	**63**	<10
	WST-G-GW 20SR		7-Jun-06	16	<10	<10	<10	<10	<10	57	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	16	<0.050	<0.10	52	<10	<10	41	<0.050	**1400**	**34**	<10
	WST-G-GW-20SR		6-Dec-06	19	<10	**100**	<10	<10	<10	36	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	10	<0.050	<0.10	53	<10	<10	33	0.05	**640**	**48**	<10
	WST-G-GW- 20 SR		7-Jun-07	63	<10	<10	<10	<10	<10	120	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	33	<0.050	<0.10	140	<10	<10	94	<0.050	**3600**	**120**	<10
	WST-G-GW 20S		12-Dec-07	NA	NA	NA	NA	NA	NA	38	<10	<10	**0.34**	**0.29**	**0.34**	<10	<10	NA	NA	NA	**0.31**	**0.32**	NA	NA	<10	44	0.27	**580**	**64**	<10
	WST-G-GW20SR		11-Jun-08	NA	NA	NA	NA	NA	NA	99	<10	<10	**0.1**	0.08	<0.10	<10	<10	NA	NA	NA	0.06	<0.10	NA	NA	<10	96	0.09	**1400**	**83**	<10
	WST-G-GW20S		5-Feb-09	NA	NA	NA	NA	NA	NA	95	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	87	<0.050	**3200**	**57**	<10
	WST-G-GW20SR		1-Jul-09	NA	NA	NA	NA	NA	NA	73	<10	<10	**0.17**	0.07	<0.10	<10	<10	NA	NA	NA	0.07	<0.10	NA	NA	<10	79	0.09	**1300**	**59**	<10
	WST-G-GW 20 S		10-Dec-09	NA	NA	NA	NA	NA	NA	56	<10	<10	**0.27**	**0.23**	**0.23**	<10	<10	NA	NA	NA	**0.25**	0.21	NA	NA	<10	60	0.19	**920**	**26**	<10
	GW-20 S		30-Nov-11	NA	NA	NA	NA	NA	NA	35	<10	1.0	<0.50	<0.050	<0.10	<1.0	<0.50	NA	NA	NA	<0.050	<0.10	NA	NA	2.7	50	<0.050	**490**	**29**	0.95
	GW-20 S		13-Dec-12	NA	NA	NA	NA	NA	NA	50	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	59	<0.050	**430**	**37**	<10
	GW-20 S		14-Jan-14	NA	NA	NA	NA	NA	NA	46	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	49	<0.050	**740**	**16**	<10
	GW-20S		9-Dec-15	NA	NA	NA	NA	NA	NA	58	<10	<10	**0.19**	<0.050	<0.10	<10	<10	NA	NA	NA	0.058	<0.10	NA	NA	<10	71	<0.050	**840**	**38**	<10
	GW-20S		27-Apr-16	NA	NA	NA	NA	NA	NA	20	<10	<10	<0.05	<0.05	<0.1	<10	<10	NA	NA	NA	<0.05	<0.1	NA	NA	<10	19	<0.05	**170**	<10	<10
	GW-20S		18-May-16	NA	NA	NA	NA	NA	NA	47	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	53	<0.050	**950**	**21**	<10
	GW-20S		3-Oct-16	NA	NA	NA	NA	NA	NA	49	<10	<10	0.094	<0.050	<0.10	<10	<10	NA	NA	NA	0.071	<0.10	NA	NA	<10	60	<0.050	**280**	**23**	<10
	GW-20S		8-Dec-16	NA	NA	NA	NA	NA	NA	13	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	12	<0.050	**21**	<10	<10
	GW-20S		21-Sep-17	NA	NA	NA	NA	NA	NA	23	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	25	<0.050	<10	<10	<10
	GW-20S		18-Dec-17	NA	NA	NA	NA	NA	NA	47	<10	<10	0.05	<0.050	<0.10	<10	<10	NA	NA	NA	0.056	<0.10	NA	NA	<10	48	<0.050	**380**	**11**	<10
	GW-20S		12-Mar-18	NA	NA	NA	NA	NA	NA	29	<10	<10	<0.050	0.06	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	29	0.077	**140**	<10	<10
GW-21I	GW-21I	µg/L	15-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-21I		6-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-GW21I		17-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-21I		6-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW- 21 I		7-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
GW-21S	GW-21S	µg/L	14-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-GW21S		17-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP 4		6-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-21S		6-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW21S		6-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-22D	GW-22D	µg/L	15-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-22D		7-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-GW-22D		15-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW22D		29-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW22D		16-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW22D		25-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 22D		7-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 22D		2-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-22D		6-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-22 D		6-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW22D		6-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
GW-22I	GW-22I	µg/L	15-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
GW-22S	WST-G-GW22S	µg/L	23-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	**0.1**	0.11	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-22S		10-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW22S		29-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW22S		20-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW22S		25-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 22S		7-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 22S		3-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-22S		6-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-22 S		6-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW22S		6-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
GW-23I	GW-23I	µg/L	21-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-23I		8-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	19	<5	<5
	WS-W-GW-023I		20-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW23I		30-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP3		21-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-23I		21-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW23I		29-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	0.08	<0.1	<10	<10	<10	<10	<10	<0.05	0.23	<10	<10	<10	<10	0.19	<10	<10	<10
	WST-G-GW23I		22-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW23I		31-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 23I		8-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 23I		3-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 23I		14-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-23 I		11-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-23I		14-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 23I		13-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.11**	0.11	0.12	<10	<10	NA	NA	NA	0.12	<0.10	NA	NA	<10	<10	0.08	<10	<10	<10
	WST-G-GW23I		11-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.5**	**0.54**	**0.29**	<10	<10	NA	NA	NA	**0.5**	0.26	NA	NA	<10	<10	0.29	<10	<10	<10
	WST-G-GW23I		4-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.14**	0.1	<0.10	<10	<10	NA	NA	NA	0.15	<0.10	NA	NA	<10	<10	0.09	<10	<10	<10
	WST-G-GW23I		1-Jul-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.18**	0.08	<0.10	<10	<10	NA	NA	NA	0.09	0.1	NA	NA	<10	<10	0.09	<10	<10	<10
	WST-G-GW23I		8-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	0.12	NA	NA	<10	<10	0.15	<10	<10	<10
	GW-23I		1-Dec-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	<0.50	<0.050	<0.050
	GW-23I		11-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-23I		14-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-23I		7-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-23I		7-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-23I		19-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10

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Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-23S	GW-23S	µg/L	21-Apr-98							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	GW-23S		8-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-023S		19-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW23S		30-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-23S		21-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW23S		29-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW23S		22-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW23S		31-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 23S		8-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 23S		8-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	0.1	<10	<10	<10
	WST-G-GW 23S		14-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-23 S		11-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-23S		14-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 23S		13-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.17**	0.15	0.17	<10	<10	NA	NA	NA	0.16	0.15	NA	NA	<10	<10	0.16	<10	<10	<10
	WST-G-GW23S		11-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.55**	**0.42**	**0.3**	<10	<10	NA	NA	NA	**0.3**	**0.3**	NA	NA	<10	<10	0.34	<10	<10	<10
	WST-G-GW23S		4-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	16	<10	<10
	WST-G-GW23S		1-Jul-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.63**	**0.51**	**0.61**	<10	<10	NA	NA	NA	**0.45**	**0.66**	NA	NA	<10	<10	**0.62**	<10	<10	<10
	WST-G-GW23S		8-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	16	<10	<10
	GW-23S		1-Dec-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	0.33	<0.10	<0.050	0.80	**0.083**	0.21
	GW-23S		10-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	0.059	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-23S		13-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-23S		7-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-23S		7-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-23S		19-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-24I	GW-24I	µg/L	8-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				8	110	<5	**2800**	**180**	<5
	WS-W-GW-24I		19-Feb-03		<10	<10	<10	<10	<10	<10	<1	<0.05	<0.05	<0.05	<0.1	<0.1	<0.05	<10		<10	<0.05	<0.1	150	<10	<10	110	<0.05	**1000**	<0.05	<0.05
	WS-W-GW-024I		15-Apr-04							180	11	<10	<10	<10	<10	<10	<10				<10	<10			32	120	<10	**1300**	**150**	20
	WST-G-GW24IR		28-Sep-04	79	<10	<10	<10	<10	<10	320	17	21	**9.5**	**1.6**	**3.1**	<10	<10	<10	<10	130	**7.5**	<0.1	290	<10	120	250	0.23	**2600**	**430**	70
	WST-G-GW-24IR		10-Dec-04	66	<10	<10	<10	<10	<10	320	15	14	**1.4**	0.17	**0.36**	<10	<10	<10	<10	120	**1.2**	<0.1	290	<10	38	230	<0.05	**3000**	**280**	19
	WST-G-GW24IR		28-Mar-05	<10	<10	<10	<10	<10	<10	270	15	11	**0.29**	0.05	<0.1	<10	<10	<10	<10	76	0.17	<0.1	250	<10	18	190	0.07	**2300**	**210**	<10
	WST-G-GW24I		15-Jun-05	19	<10	<10	<10	<10	<10	190	15	<10	**0.46**	0.05	0.14	<10	<10	<10	<10	95	**0.35**	<0.1	150	<10	14	120	<0.05	**1900**	**130**	<10
	WST-G-GW24IR		23-Aug-05	46	<10	<10	<10	<10	<10	230	13	10	**0.33**	<0.05	<0.1	<10	<10	<10	<10	89	**0.23**	<0.1	220	<10	19	140	0.07	**2000**	**200**	<10
	WST-G-GW 24IR		30-Nov-05	63	<10	<10	<10	<10	<10	310	17	15	**0.61**	<0.050	<0.10	<10	<10	<10	<10	77	**0.3**	<0.10	280	<10	26	220	<0.050	**2500**	**270**	12
	WST-G-GW 24IR		1-Mar-06	<10	<10	<10	<10	<10	<10	240	13	10	**1**	0.11	0.19	<10	<10	<10	<10	16	**0.48**	<0.10	200	<10	21	180	0.05	**880**	**190**	11
	WST-G-GW-24IR		8-Jun-06	38	<10	<10	<10	<10	<10	280	16	15	**1.9**	0.17	**0.45**	<10	<10	<10	<10	56	**1**	<0.10	250	<10	36	210	<0.050	**1400**	**240**	20
	WST-G-GW 24I		7-Dec-06	37	<10	<10	<10	<10	<10	260	12	12	**0.94**	0.09	**0.23**	<10	<10	<10	<10	31	**0.66**	<0.10	240	<10	25	200	<0.050	**1400**	**260**	14
	WST-G-GW- 24 IR		7-Jun-07	42	<10	<10	<10	<10	<10	220	12	18	**3.7**	**0.39**	**0.9**	<10	<10	<10	<10	69	**2.1**	<0.10	190	<10	55	180	0.06	**1500**	**270**	27
	WST-G-GW 24I		12-Dec-07	NA	NA	NA	NA	NA	NA	210	12	13	**1**	**0.28**	**0.45**	<10	<10	NA	NA	NA	**0.81**	0.18	NA	NA	26	160	0.23	**1400**	**180**	14
	WST-G-GW-24IR		10-Jun-08	NA	NA	NA	NA	NA	NA	200	10	15	**1.5**	**0.25**	**0.32**	<10	<10	NA	NA	NA	**0.66**	0.14	NA	NA	34	170	0.17	**980**	**210**	16
	WST-G-GW24I		5-Feb-09	NA	NA	NA	NA	NA	NA	280	12	27	**9.8**	**1.6**	**3**	<10	<10	NA	NA	NA	**7.7**	0.23	NA	NA	91	240	**0.46**	**1600**	**350**	52
	WST-G-GW24IR		1-Jul-09	NA	NA	NA	NA	NA	NA	480	24	34	**29**	**5.4**	**9.3**	<10	<10	NA	NA	NA	**19**	<0.10	NA	NA	280	380	**1.1**	**2000**	**710**	150
	WST-G-GW 24 I		10-Dec-09	NA	NA	NA	NA	NA	NA	<10	15	10	**2.2**	**0.35**	**1.4**	<10	<10	NA	NA	NA	**1.4**	<0.10	NA	NA	44	200	0.1	**6200**	**270**	29
	GW-24 I		1-Dec-11	NA	NA	NA	NA	NA	NA	220	<10	9.5	<0.50	<0.50	<1.0	<1.0	<0.50	NA	NA	NA	<0.50	<1.0	NA	NA	23	170	<0.50	**1800**	**220**	13
	GW-24 I		13-Dec-12	NA	NA	NA	NA	NA	NA	150	<10	<10	**0.92**	0.09	**0.25**	<10	<10	NA	NA	NA	**0.76**	<0.10	NA	NA	32	120	<0.050	**1400**	**210**	13
	GW-24 I		16-Jan-14	NA	NA	NA	NA	NA	NA	300	12	12.0	**0.38**	<0.050	<1.0	<10	<10	NA	NA	NA	**0.24**	<0.10	NA	NA	24	220	<0.050	**2200**	**260**	12
	GW-24I		9-Dec-15	NA	NA	NA	NA	NA	NA	180	<10	<10	**0.61**	<0.050	<0.10	<10	<10	NA	NA	NA	**0.31**	<0.10	NA	NA	21	130	<0.050	**1300**	**180**	16
	GW-24I		28-Apr-16	NA	NA	NA	NA	NA	NA	130	<10	<10	**0.68**	0.058	0.14	<10	<10	NA	NA	NA	**0.47**	<0.1	NA	NA	19	110	<0.05	**37**	**80**	12
	GW-24I		19-May-16	NA	NA	NA	NA	NA	NA	150	<10	<10	**0.71**	0.067	0.15	<10	<10	NA	NA	NA	**0.46**	<0.10	NA	NA	17	130	<0.050	**580**	**130**	10
	GW-24I		5-Oct-16	NA	NA	NA	NA	NA	NA	110	<10	<10	**0.77**	<0.050	0.14	<10	<10	NA	NA	NA	**0.57**	<0.10	NA	NA	25	110	<0.050	**390**	**140**	14
	GW-24I		8-Dec-16	NA	NA	NA	NA	NA	NA	100	<10	<10	**0.66**	<0.050	0.14	<10	<10	NA	NA	NA	**0.53**	<0.10	NA	NA	24	110	<0.050	**58**	**140**	13
	GW-24I		22-Sep-17	NA	NA	NA	NA	NA	NA	100	<10	<10	**0.59**	<0.050	0.12	<10	<10	NA	NA	NA	**0.55**	<0.10	NA	NA	19	78	<0.050	<10	**140**	14
	GW-24I		21-Dec-17	NA	NA	NA	NA	NA	NA	100	<10	<10	**0.45**	<0.050	<0.10	<10	<10	NA	NA	NA	**0.42**	<0.10	NA	NA	20	72	<0.050	**160**	**140**	14
	GW-24I		14-Mar-18	NA	NA	NA	NA	NA	NA	66	<10	<10	**0.27**	<0.050	<0.10	<10	<10	NA	NA	NA	**0.24**	<0.10	NA	NA	12	47	<0.050	**120**	**88**	8.4

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Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-24S	GW-24S	µg/L	7-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-024S		15-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW24SR		22-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	0.07	0.14	**0.2**	<10	<10	<10	<10	<10	0.06	**0.44**	<10	<10	<10	<10	**0.47**	<10	<10	<10
	WST-G-GW-24SR		10-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP1		28-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	0.06	0.07	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	0.08	<10	<10	<10
	WST-G-GW24SR		28-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW24S		15-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW24SR		23-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 24SR		30-Nov-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 24SR		1-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	0.07	<10	<10	<10
	WST-G-GW-24SR		8-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	0.05	0.07	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	0.08	<10	<10	<10
	WST-G-GW 24S		7-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW- 24 SR		7-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 24S		12-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-24SR		10-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	0.08	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW24S		5-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	0.06	<10	<10	<10
	WST-G-GW24SR		1-Jul-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.46**	**0.3**	**0.29**	<10	<10	NA	NA	NA	**0.27**	**0.36**	NA	NA	<10	<10	0.36	<10	<10	<10
	WST-G-GW 24 S		10-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.16**	0.12	0.13	<10	<10	NA	NA	NA	0.14	0.12	NA	NA	<10	<10	0.12	<10	<10	<10
	GW-24 S		1-Dec-11	NA	NA	NA	NA	NA	NA	250	17	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	NA	NA	NA	<0.50	<1.0	NA	NA	15	130	<0.50	**7100**	**250**	1.6
	GW-24 S		13-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-24 S		15-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-24S		9-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	DUP-2		9-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-24S		6-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-24S		20-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-25I	GW-25I	µg/L	7-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-025I		16-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW25I		28-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-GW-25I		7-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW25I		24-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP2		16-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW25I		16-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW25I		25-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 25I		7-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 25I		2-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-DUP3		7-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 25I		7-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-DUP 3		6-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-25 I		6-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW25I MS/MSD		6-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-25S	GW-25S	µg/L	2-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-025S		16-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW25S		24-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	**0.16**	**0.39**	**0.62**	<10	<10	<10	<10	<10	0.07	**1.3**	<10	<10	<10	<10	**1.4**	<10	<10	<10
	WST-G-GW-25S		7-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	0.08	<10	<10	<10
	WST-G-GW25S		28-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW25S		16-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-DUP3		29-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW25S		29-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 25S		7-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 25S		2-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 25S		7-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-25 S		6-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW25S		6-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 25S		12-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-25S		10-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW25S		5-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.2**	0.17	0.19	<10	<10	NA	NA	NA	**0.21**	0.14	NA	NA	<10	<10	0.16	<10	<10	<10
	WST-G-GW25S		2-Jul-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 25S		10-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	0.07	0.06	<0.10	<10	<10	NA	NA	NA	0.05	<0.10	NA	NA	<10	<10	0.06	<10	<10	<10
	GW-25S		29-Nov-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	<0.50	**0.13**	<0.050
	GW-25S		11-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-25S		14-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-25S		8-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-25S		6-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-25S		21-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-26I	GW-26I	µg/L	2-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-GW26I		29-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-26I		7-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW26I		25-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW26I		16-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW26I		25-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 26I		2-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 26I		2-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 26I		7-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-26 I MS/MSD		6-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW- 26 I		7-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 26I		11-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW DUP 2		11-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-26I		10-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.5**	**0.45**	**0.63**	<10	<10	NA	NA	NA	**0.37**	**0.31**	NA	NA	<10	<10	0.35	<10	<10	<10
	WST-G-GW26I		4-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW26I		2-Jul-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**22**	<10	<10
	WST-G-GW 26 I		10-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.28**	**0.3**	**0.26**	<10	<10	NA	NA	NA	**0.25**	0.28	NA	NA	<10	<10	0.26	<10	<10	<10
	GW-26 I		30-Nov-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	<0.50	<0.050	<0.050
	GW-26I		12-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-26I		14-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-26I		8-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-26I		5-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-26I		21-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-26S	GW-26S	µg/L	2-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WST-G-GW26S		24-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-26S		7-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW26S		24-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW26S		16-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW26S		25-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 26S		2-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GWDUP 03		2-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 26S		2-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GWDUP3		2-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 26S		7-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-26 S		6-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-26 S		7-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
GW-27I	GW-27I	µg/L	8-Feb-00							420	9	8		<5	<5	<5	<5				<5				<5	180	<5	**1100**	**180**	<5
	WS-W-GW27I		14-Feb-03		<10	<10	<10	<10	<10	410	13	11	<10	<0.05	<0.1	<0.1	<0.05	<10		160	<10	<0.1	210	<10	12	210	<0.05	**6100**	**150**	<10
	WS-W-GW-027I		19-Apr-04							230	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	100	<10	**5900**	**79**	<10
	WST-G-GW27I		23-Sep-04	68	<10	<10	<10	<10	<10	470	<10	10	**0.2**	<0.05	<0.1	<10	<10	<10	<10	290	0.18	<0.1	310	<10	11	270	<0.05	**11000**	**150**	<10
	WST-G-GW-27I		8-Dec-04	59	<10	<10	<10	<10	<10	400	<10	11	**0.14**	<0.05	<0.1	<10	<10	<10	<10	220	0.12	<0.1	250	<10	11	200	<0.05	**7900**	**130**	<10
	WST-G-GW27I		24-Mar-05	61	<10	<10	<10	<10	<10	200	<10	<10	**0.22**	<0.05	<0.1	<10	<10	<10	<10	150	0.05	<0.1	120	<10	<10	130	<0.05	**5000**	**88**	<10
	WST-G-GW27I		15-Jun-05	68	<10	<10	<10	<10	<10	310	<10	<10	0.09	<0.05	<0.1	<10	<10	<10	<10	240	0.06	<0.1	160	<10	<10	130	<0.05	**7700**	**88**	<10
	WST-G-GW27I		25-Aug-05	90	<10	<10	<10	<10	<10	350	<10	<10	**0.20**	<0.05	<0.1	<10	<10	<10	<10	220	0.14	<0.1	230	<10	<10	180	<0.05	**8800**	**130**	<10
	WST-G-GW 27I		7-Dec-05	85	<10	<10	<10	<10	<10	400	<10	<10	**0.24**	<0.050	<0.10	<10	<10	<10	<10	230	0.11	<0.10	260	<10	<10	150	<0.050	**8800**	**120**	<10
	WST-G-GW 27I		6-Mar-06	95	<10	<10	<10	<10	<10	440	<10	11	**0.39**	**0.29**	**0.33**	<10	<10	<10	<10	150	**0.21**	**0.97**	300	<10	10	160	**0.84**	**8100**	**120**	<10
	WST-G-GW-27I		8-Jun-06	130	<10	<10	<10	<10	<10	380	11	11	**0.21**	<0.050	<0.10	<10	<10	<10	<10	190	0.11	<0.10	240	<10	10	200	<0.050	**11000**	**140**	<10
	WST-G-GW 27I		7-Dec-06	110	<10	<10	<10	<10	<10	450	<10	12	**0.2**	<0.050	<0.10	<10	<10	<10	<10	190	0.15	<0.10	270	<10	10	210	<0.050	**8600**	**170**	<10
	WST-G-GW27I		6-Jun-07	92	<10	<10	<10	<10	<10	620	<10	<10	**0.2**	<0.050	<0.10	<10	<10	<10	<10	350	0.11	<0.10	360	<10	<10	290	0.07	**10000**	**120**	<10
	WST-G-GW 27I		12-Dec-07	NA	NA	NA	NA	NA	NA	340	<10	11	**0.25**	0.12	**0.23**	<10	<10	NA	NA	NA	**0.24**	<0.10	NA	NA	<10	170	0.09	**7500**	**160**	<10
	WST-G-GW-27I		10-Jun-08	NA	NA	NA	NA	NA	NA	370	<10	11	**0.33**	0.11	0.1	<10	<10	NA	NA	NA	0.13	0.12	NA	NA	<10	160	0.07	**8100**	**120**	<10
	WST-G-GW27I		5-Feb-09	NA	NA	NA	NA	NA	NA	530	11	14	**0.55**	**0.41**	**0.39**	<10	<10	NA	NA	NA	**0.49**	**0.31**	NA	NA	<10	260	0.34	**10000**	**180**	<10
	WST-G-GW27I		2-Jul-09	NA	NA	NA	NA	NA	NA	360	10	12	**0.29**	<0.050	<0.10	<10	<10	NA	NA	NA	0.14	<0.10	NA	NA	13	180	<0.050	**6500**	**150**	<10
	WST-G-GW 27I		10-Dec-09	NA	NA	NA	NA	NA	NA	24	<10	12	**0.2**	0.07	<0.10	<10	<10	NA	NA	NA	0.16	<0.10	NA	NA	12	200	0.06	**7900**	**180**	<10
	GW-27 I		30-Nov-11	NA	NA	NA	NA	NA	NA	280	6.8	7.0	0.084	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	6.3	140	<0.050	**8000**	**110**	3.0
	GW-27 I		12-Dec-12	NA	NA	NA	NA	NA	NA	360	<10	11.0	**0.13**	<0.050	<0.10	<10	<10	NA	NA	NA	0.1	<0.10	NA	NA	<10	180	<0.050	**7700**	**130**	<10
	GW-27 I		16-Jan-14	NA	NA	NA	NA	NA	NA	370	<10	12.0	**0.22**	<0.050	<0.10	<10	<10	NA	NA	NA	0.13	<0.10	NA	NA	12	210	<0.050	**8700**	**170**	<10
	GW-27I		10-Dec-15	NA	NA	NA	NA	NA	NA	510	<10	11	**0.21**	<0.050	<0.10	<10	<10	NA	NA	NA	0.16	<0.10	NA	NA	<10	240	<0.050	**8700**	**180**	<10
	GW-27I		29-Apr-16	NA	NA	NA	NA	NA	NA	190	<10	<10	**0.77**	0.11	**0.41**	<10	<10	NA	NA	NA	**0.85**	<0.1	NA	NA	12	98	0.064	**3100**	**98**	<10
	GW-27I		20-May-16	NA	NA	NA	NA	NA	NA	200	<10	<10	**0.63**	0.054	0.18	<10	<10	NA	NA	NA	**0.48**	<0.10	NA	NA	18	120	<0.050	**110**	**98**	10
	GW-27I		5-Oct-16	NA	NA	NA	NA	NA	NA	160	<10	<10	**0.49**	<0.050	0.14	<10	<10	NA	NA	NA	**0.41**	<0.10	NA	NA	15	110	<0.050	**530**	**81**	<10
	GW-27I		8-Dec-16	NA	NA	NA	NA	NA	NA	230	<10	<10	**0.51**	<0.050	0.1	<10	<10	NA	NA	NA	**0.43**	<0.10	NA	NA	19	140	<0.050	**950**	**130**	<10
	GW-27I		22-Sep-17	NA	NA	NA	NA	NA	NA	350	<10	10	**0.35**	<0.050	<0.10	<10	<10	NA	NA	NA	**0.36**	<0.10	NA	NA	16	200	<0.050	**2700**	**170**	<10
	GW-27I		20-Dec-17	NA	NA	NA	NA	NA	NA	320	<10	11	**0.37**	<0.050	<0.10	<10	<10	NA	NA	NA	**0.38**	<0.10	NA	NA	15	170	<0.050	**2200**	**150**	<10
	GW-27I		15-Mar-18	NA	NA	NA	NA	NA	NA	290	<10	<10	**0.22**	<0.050	<0.10	<10	<10	NA	NA	NA	**0.22**	<0.10	NA	NA	10	140	<0.050	**2200**	**110**	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-27S	GW-27S	µg/L	7-Feb-00							<5	<5	<5		<5	<5	<5	<5				<5				<5	<5	<5	<5	<5	<5
	WS-W-GW-027S		19-Apr-04							<10	<10	<10	<10	<10	<10	<10	<10				<10	<10			<10	<10	<10	<10	<10	<10
	WST-G-GW27S		22-Sep-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW-27S		9-Dec-04	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW27S		25-Mar-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW27S		15-Jun-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW27S		23-Aug-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	<10	<10	<10	<0.05	<0.1	<10	<10	<10	<10	<0.05	<10	<10	<10
	WST-G-GW 27S		7-Dec-05	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 27S		6-Mar-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-27S		8-Jun-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-DUP 01		7-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 27S		7-Dec-06	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-DUP01		6-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	<0.050	<0.050	0.12	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW27S		6-Jun-07	<10	<10	<10	<10	<10	<10	<10	<10	<10	0.05	<0.050	0.11	<10	<10	<10	<10	<10	<0.050	<0.10	<10	<10	<10	<10	<0.050	<10	<10	<10
	WST-G-GW 27S		12-Dec-07	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	WST-G-GW-27S		10-Jun-08	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.42**	**0.36**	**0.36**	<10	<10	NA	NA	NA	**0.26**	0.26	NA	NA	<10	<10	0.32	<10	<10	<10
	WST-G-GW27S		5-Feb-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	0.08	<0.050	<0.10	<10	<10	NA	NA	NA	0.08	<0.10	NA	NA	<10	<10	<0.050	12	<10	<10
	WST-G-GW27S		2-Jul-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.25**	0.13	0.15	<10	<10	NA	NA	NA	0.13	0.16	NA	NA	<10	<10	0.17	<10	<10	<10
	WST-G-GW 27 S		10-Dec-09	NA	NA	NA	NA	NA	NA	<10	<10	<10	0.07	0.06	<0.10	<10	<10	NA	NA	NA	0.06	<0.10	NA	NA	<10	<10	0.07	<10	<10	<10
	GW-27 S		30-Nov-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	0.17	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	1.1	<0.050	<0.050
	GW-27 S		12-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-27 S		16-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-27S		10-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-27S		6-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-27S		20-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-28S	WS-W-GW28S	µg/L	13-Feb-03		<10	<10	<10	<10	<10	110	<10	<10	<10	<0.05	<0.1	<0.1	<10	26		36	<10	<0.1	70	<10	23	84	<0.05	**450**	**110**	12
GW-28D	GW-28D	µg/L	2-Dec-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	1.1	<0.050	<0.050
	GW-28D		13-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-28D		16-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.051	<10	<10	<10
	GW-28D		9-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-28D		7-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-28D		21-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-28I	GW-28I	µg/L	9-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<50	42	<0.050	**550**	**100**	<10
	GW-28I		28-Apr-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	NA	NA	NA	<0.05	<0.1	NA	NA	<10	<10	<0.05	<10	<10	<10
	GW-28I		19-May-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-28I		4-Oct-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-28I		6-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	0.055	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-28I		21-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-28I		20-Dec-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-28I		14-Mar-18	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-29I	GW-29I	µg/L	2-Dec-11	NA	NA	NA	NA	NA	NA	52	<10	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	NA	NA	NA	<0.50	<1.0	NA	NA	12	66	<0.50	**1200**	**140**	3.6
	GW-29I		13-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-29I		16-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**45**	<10	<10
	GW-29I		10-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**30**	<10	<10
	GW-29I		8-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.34**	0.14	**0.38**	<10	<10	NA	NA	NA	**0.33**	**0.33**	NA	NA	<10	<10	0.085	**<10**	<10	<10
	GW-29I		21-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	**11**	<10
GW-29S	GW-29S	µg/L	2-Dec-11	NA	NA	NA	NA	NA	NA	59	<10	0.69	<0.050	<0.050	<1.0	<1.0	<0.50	NA	NA	NA	<0.50	<1.0	NA	NA	2.9	30	<0.50	**3000**	**57**	0.82
	GW-29S		13-Dec-12	NA	NA	NA	NA	NA	NA	17	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**220**	<10	<10
	GW-29S		16-Jan-14	NA	NA	NA	NA	NA	NA	240	<10	<10	**0.13**	<0.050	<0.10	<10	<10	NA	NA	NA	0.1	<0.10	NA	NA	15	130	<0.050	**3700**	**150**	<10
	GW-29S		10-Dec-15	NA	NA	NA	NA	NA	NA	18	<10	<10	**0.18**	<0.050	<0.10	<10	<10	NA	NA	NA	0.18	<0.10	NA	NA	<10	12	<0.050	**110**	**23**	<10
	GW-29S		28-Apr-16	NA	NA	NA	NA	NA	NA	19	<10	<10	<0.05	<0.05	<0.1	<10	<10	NA	NA	NA	<0.05	<0.1	NA	NA	<10	11	<0.05	**31**	<10	<10
	GW-29S		18-May-16	NA	NA	NA	NA	NA	NA	19	<10	<10	0.05	<0.050	<0.10	<10	<10	NA	NA	NA	0.053	<0.10	NA	NA	<10	<10	<0.050	**300**	<10	<10
	GW-29S		4-Oct-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.96**	**0.27**	**0.52**	<10	<10	NA	NA	NA	**0.99**	<0.10	NA	NA	<10	<10	0.11	<10	<10	<10
	GW-29S		8-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	**1.4**	**0.38**	**0.77**	<10	<10	NA	NA	NA	**1.5**	<0.10	NA	NA	<10	<10	0.11	**31**	<1000	<10
	GW-29S		22-Sep-17	NA	NA	NA	NA	NA	NA	14	<10	<10	**0.3**	0.054	0.12	<10	<10	NA	NA	NA	**0.34**	<0.10	NA	NA	<10	<10	<0.050	**180**	**12**	<10
	GW-29S		19-Dec-17	NA	NA	NA	NA	NA	NA	190	<10	<10	**0.16**	<0.050	<0.10	<10	<10	NA	NA	NA	0.16	<0.10	NA	NA	<10	91	<0.050	**2900**	**95**	<10
	GW-29S		14-Mar-18	NA	NA	NA	NA	NA	NA	76	<10	<10	**0.4**	0.13	**0.3**	<10	<10	NA	NA	NA	**0.43**	<0.10	NA	NA	<10	19	0.079	**790**	**28**	<10
GW-30I	GW-30I	µg/L	2-Dec-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	0.21	2.1	<0.050	**300**	**8.7**	<0.050
	GW-30I		13-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-30I		16-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	0.06	<0.10	<10	<10	NA	NA	NA	0.067	0.11	NA	NA	<10	<10	0.14	<10	<10	<10
	GW-30I		10-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-30I		6-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-30I		18-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	DUP-1		18-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-30S	GW-30S	µg/L	2-Dec-11	NA	NA	NA	NA	NA	NA	22	<1.0	0.28	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	1.5	6.8	<0.050	**170**	**14**	0.56
	GW-30S		13-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-30S		16-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-30S		10-Dec-15	NA	NA	NA	NA	NA	NA	12	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	DUP-3		10-Dec-15	NA	NA	NA	NA	NA	NA	<100	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-30S		8-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-30S		18-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-31I	GW-31I	µg/L	2-Dec-11	NA	NA	NA	NA	NA	NA	40	<10	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	NA	NA	NA	<0.50	<1.0	NA	NA	2.2	16	<0.50	**2700**	**52**	<0.50
	GW-31I		14-Dec-12	NA	NA	NA	NA	NA	NA	81	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	33	<0.050	**4300**	**96**	<10
	GW-31I		15-Jan-14	NA	NA	NA	NA	NA	NA	81	87	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	62	<0.050	**3600**	**100**	<10
	GW-31I		9-Dec-15	NA	NA	NA	NA	NA	NA	77	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	59	<0.050	**3800**	**90**	<10
	GW-31I		27-Apr-16	NA	NA	NA	NA	NA	NA	30	<10	<10	<0.05	<0.05	<0.1	<10	<10	NA	NA	NA	<0.05	<0.1	NA	NA	<10	25	<0.05	**480**	**30**	<10
	GW-31I		19-May-16	NA	NA	NA	NA	NA	NA	39	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	41	<0.050	**1300**	**37**	<10
	GW-31I		4-Oct-16	NA	NA	NA	NA	NA	NA	31	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	33	<0.050	**810**	**29**	<10
	GW-31I		8-Dec-16	NA	NA	NA	NA	NA	NA	57	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	52	<0.050	**1600**	**57**	<10
	GW-31I		22-Sep-17	NA	NA	NA	NA	NA	NA	43	<10	48	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	42	<0.050	**1100**	**47**	<10
	GW-31I		20-Dec-17	NA	NA	NA	NA	NA	NA	50	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	51	<0.050	**1000**	**61**	<10
	GW-31I		13-Mar-18	NA	NA	NA	NA	NA	NA	31	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	28	<0.050	**710**	**27**	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-31S	GW-31S	µg/L	2-Dec-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	1.4	**0.12**	<0.050
	GW-31S		14-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	0.064	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-31S		15-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-31S		9-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-31S		7-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-31S		21-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-32I	GW-32I	µg/L	2-Dec-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	0.12	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	0.14	<0.10	<0.050	<0.50	**0.056**	0.23
	GW-32I		13-Dec-12	NA	NA	NA	NA	NA	NA	220	12	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	14	100	<0.050	**6200**	**220**	<10
	GW-32I		15-Jan-14	NA	NA	NA	NA	NA	NA	250	12	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	13	120	<0.050	**6200**	**230**	<10
	GW-32I		9-Dec-15	NA	NA	NA	NA	NA	NA	190	<10	170	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	100	<0.050	**4600**	**160**	<10
	GW-32I		28-Apr-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	NA	NA	NA	<0.05	<0.1	NA	NA	<10	<10	<0.05	19	<10	<10
	GW-32I		19-May-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-32I		4-Oct-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-32I		6-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-32I		21-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<1000	<10	<10
	GW-32I		19-Dec-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	15	<10	<10
	GW-32I		13-Mar-18	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-33I	GW-33I	µg/L	2-Dec-11	NA	NA	NA	NA	NA	NA	43	<10	3.6	<0.50	<0.050	<1.0	<1.0	<0.50	NA	NA	NA	<0.50	<0.10	NA	NA	13	45	<0.50	**2500**	**140**	5.8
	GW-33I		12-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.32**	<0.050	<0.10	<10	<10	NA	NA	NA	**0.23**	<0.10	NA	NA	15	34	<0.050	**3600**	**170**	<10
	GW-33I		15-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.11**	<0.050	<0.10	<10	<10	NA	NA	NA	0.081	<0.11	NA	NA	<10	32	<0.050	**1500**	**62**	<10
	GW-33I		10-Dec-15	NA	NA	NA	NA	NA	NA	**3400**	<100	920	**690**	**150**	**280**	<100	140	NA	NA	NA	**510**	**11**	NA	NA	**2900**	**2500**	**33**	**9700**	**6400**	**2400**
	GW-33I		29-Apr-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	NA	NA	NA	<0.05	<0.1	NA	NA	<10	<10	<0.05	**35**	<10	<10
	GW-33I		20-May-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	0.053	<0.10	NA	NA	<10	<10	<0.050	**87**	**13**	<10
	GW-33I		5-Oct-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-33I		6-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**55**	<10	<10
	GW-33I		22-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-33I		21-Dec-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**48**	<10	<10
	GW-33I		15-Mar-18	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-41S	GW-41S	µg/L	10-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**23**	<10	<10
	GW-41S		28-Apr-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	NA	NA	NA	<0.05	<0.1	NA	NA	<10	12	<0.05	**20**	**36**	<10
	GW-41S		18-May-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	23	<0.050	**33**	**46**	<10
	GW-41S		4-Oct-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	12	<0.050	<1000	**24**	<10
	GW-41S		8-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	16	<0.050	16	**31**	<10
	GW-41S		22-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	12	<0.050	<10	**30**	<10
	GW-41S		19-Dec-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	11	<0.050	<10	**30**	<10
	GW-41S		13-Mar-18	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	**16**	<10

Table 3
Historical Groundwater and Surface Water Detections of Site COCs - SVOC/PAHs
Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
GW-42I	GW-42I	µg/L	10-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**47**	<10	<10
	GW-42I		27-Apr-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	NA	NA	NA	<0.05	<0.1	NA	NA	<10	<10	<0.05	<10	<10	<10
	GW-42I		19-May-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-42I		3-Oct-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-42I		6-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-42I		19-Sep-17	NA	NA	NA	NA	NA	NA	62	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	28	<0.050	**650**	**30**	<10
	GW-42I		18-Dec-17	NA	NA	NA	NA	NA	NA	27	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	12	<0.050	**190**	**14**	<10
	DUP-1		18-Dec-17	NA	NA	NA	NA	NA	NA	22	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	10	<0.050	**110**	**12**	<10
	GW-42I		13-Mar-18	NA	NA	NA	NA	NA	NA	<10	<10	<10	0.067	<0.050	<0.10	<10	<10	NA	NA	NA	0.069	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-43I	GW-43I	µg/L	10-Dec-15	NA	NA	NA	NA	NA	NA	110	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	97	<0.050	**2500**	**160**	<10
	GW-43I		28-Apr-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.05	<0.05	<0.1	<10	<10	NA	NA	NA	<0.05	<0.1	NA	NA	<10	<10	<0.05	<10	<10	<10
	GW-43I		19-May-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-43I		4-Oct-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	10	<10	<10
	GW-43I		8-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-43I		20-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**120**	**20**	<10
	GW-43I		19-Dec-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**37**	<10	<10
	GW-43I		13-Mar-18	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	**22**	<10	<10
	DUP-1		13-Mar-18	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	13	<10	<10
GW-44I	GW-44I	µg/L	9-Dec-15	NA	NA	NA	NA	NA	NA	460	12	16	**0.56**	<0.050	<0.10	<10	<10	NA	NA	NA	**0.30**	<0.10	NA	NA	20	220	<0.050	**2400**	**170**	14
	GW-44I		28-Apr-16	NA	NA	NA	NA	NA	NA	89	<10	<10	**1.2**	0.11	**0.55**	<10	<10	NA	NA	NA	**1.7**	<0.1	NA	NA	13	38	0.05	15	**19**	<10
	GW-44I		19-May-16	NA	NA	NA	NA	NA	NA	26	<10	<10	**0.58**	0.076	0.18	<10	<10	NA	NA	NA	**0.51**	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	GW-44I		4-Oct-16	NA	NA	NA	NA	NA	NA	94	<10	<10	**0.28**	<0.050	0.12	<10	<10	NA	NA	NA	**0.42**	<0.10	NA	NA	<10	50	<0.050	**310**	**13**	<10
	GW-44I		8-Dec-16	NA	NA	NA	NA	NA	NA	240	<10	<10	**0.39**	0.1	0.2	<10	<10	NA	NA	NA	**0.46**	<0.10	NA	NA	<10	120	0.068	**2000**	**59**	<10
	GW-44I		22-Sep-17	NA	NA	NA	NA	NA	NA	420	<10	<10	**0.23**	<0.050	0.11	<10	<10	NA	NA	NA	**0.29**	<0.10	NA	NA	<10	250	<0.050	**2600**	**200**	<10
	GW-44I		20-Dec-17	NA	NA	NA	NA	NA	NA	310	<10	15	**0.16**	<0.050	<0.10	<10	<10	NA	NA	NA	**0.21**	<0.10	NA	NA	<10	180	<0.050	**1800**	**140**	<10
	GW-44I		14-Mar-18	NA	NA	NA	NA	NA	NA	320	<10	<10	**0.13**	<0.050	<0.10	<10	<10	NA	NA	NA	0.14	<0.10	NA	NA	<10	180	<0.050	**3300**	**130**	<10
GW-45S	GW-45S	µg/L	19-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-46S	GW-46S	µg/L	20-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
GW-47S	GW-47S	µg/L	20-Sep-17	NA	NA	NA	NA	NA	NA	710	<10	15	**0.94**	<0.050	0.11	<10	<10	NA	NA	NA	**1**	<0.10	NA	NA	33	370	<0.050	**1800**	**310**	23
PZ-1	PZ-1	µg/L	21-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
PZ-2	PZ-2	µg/L	21-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.15**	<0.050	<0.10	<10	<10	NA	NA	NA	0.12	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	DUP-4		21-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.13**	<0.050	<0.10	<10	<10	NA	NA	NA	0.11	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
PZ-3	PZ-3	µg/L	21-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
PZ-4	PZ-4	µg/L	20-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10

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Former GDOT Maintenance Facility, Douglas, Georgia

Well or Sample Location ID	Sample ID	UNITS	SAMPLE DATE	1,1'-Biphenyl	2,4-Dimethylphenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Methylphenol	4-Methylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Caprolactam	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Dimethyl phthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Screening Value [1] (Groundwater)					700					2000			0.1	0.2	0.2						0.2	0.3			1000	1000	0.4	20	MDL	1000
ISWQS [2] (Surface Water)						9.1				2700		110,000	0.0311	0.0311	0.0311	5.92					0.0311	0.0311			370	14000	0.0311			11,000
SW-1	SW-1	µg/L	5-Sep-06										**0.050**	**0.17**	**0.21**						**0.060**									
	SW-1		2-Dec-11	NA	NA	NA	NA	NA	NA	<0.50	<0.10	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	<0.50	<0.050	<0.050
	SW-1		14-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-1		17-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-1		3-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-1		9-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-1		6-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.055**	<0.050	<0.10	<10	<10	NA	NA	NA	**0.074**	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
SW-2	SW-2	µg/L	5-Sep-06										0.070	0.060	**0.17**						**0.060**						**0.060**			
	SW-2		14-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.13**	**0.15**	**0.32**	<10	<10	NA	NA	NA	**0.24**	<0.10	NA	NA	<10	<10	**0.14**	<10	<10	<10
	SW-2		17-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	**0.056**	<10	<10	<10
	SW-2		3-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-2		9-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-2		6-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	**0.052**	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
SW-3	SW-3	µg/L	2-Dec-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	<0.10	<0.050	<0.50	<0.050	<0.050
	SW-3		14-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-3		17-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	**0.064**	<0.10	NA	NA	<10	<10	**0.082**	<10	<10	<10
	SW-3		3-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-3		9-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-3		6-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
SW-4	SW-4	µg/L	2-Dec-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	0.18	<0.050	2.3	0.096	<0.050
	SW-4		14-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-4		17-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-4		3-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	**0.12**	**0.098**	**0.16**	<10	<10	NA	NA	NA	**0.22**	**0.20**	NA	NA	<10	<10	**0.23**	<10	<10	<10
	SW-4		9-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-4		6-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
SW-5	SW-5	µg/L	2-Dec-11	NA	NA	NA	NA	NA	NA	<0.50	<1.0	<0.050	<0.050	<0.050	<0.10	<0.10	<0.050	NA	NA	NA	<0.050	<0.10	NA	NA	<0.10	0.13	<0.050	0.53	0.066	<0.050
	SW-5		14-Dec-12	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	**0.056**	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-5		17-Jan-14	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-5		3-Dec-15	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
	SW-5		9-Dec-16	NA	NA	NA	NA	NA	NA	<10	<10	<10	**1**	**0.35**	**0.95**	<10	<10	NA	NA	NA	**0.90**	**0.74**	NA	NA	<10	<10	**0.15**	<10	<10	<10
	SW-5		6-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
SW-6	SW-6	µg/L	6-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
SW-7	SW-7	µg/L	6-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
SW-8	SW-8	µg/L	8-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10
SW-9	SW-9	µg/L	6-Sep-17	NA	NA	NA	NA	NA	NA	<10	<10	<10	<0.050	<0.050	<0.10	<10	<10	NA	NA	NA	<0.050	<0.10	NA	NA	<10	<10	<0.050	<10	<10	<10

Notes:
(1) Until site-specific Risk Reduction Standards (RRS) are calculated, GA HSRA Table 1 Appendix III values are used for screening.
(2) Instream Water Quality Standards (ISWQS) per GA Rules and Regulations for Water Quality Control Chapter 391-3-6-.03.
Bold cell indicates detections above the Groundwater Type 1 Risk Reduction Standards (RRSs).
Bold cell indicates detections above the Georgia In-stream Water Quality Standards (ISWQS) for Surface Water.
NA - Not Analyzed: Groundwater samples were analyzed only for the 18 priority PAHs using Method 8270D SIM.

MDL - Method detection limit. The screening value for Phenanthrene is the MDL.
SVOCs - Semi-volatile organic compounds
PAHs - Polycyclic aromatic hydrocarbons
COCs - Constituents of Concern

Table 4
Historical Groundwater Detections of Site COCs - VOCs
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	1,2-Dichloroethane	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene
Screening Value[1]	µg/L		5	4000	5	700				100	1000
GW-01I	µg/L	14-Dec-94	2		<1	<1					<1
		23-Mar-95			<1	<1					<1
		25-Mar-95	2								
		30-Dec-97	2		<1	<1					<1
		14-Apr-98	1		<1	<1					<1
		19-Apr-04			<5	<5		<10	<5		<5
		28-Sep-04			<5	<5		<10	<5	<5	<5
		15-Dec-04	**6.7**		<5	<5		<10	<5	<5	<5
		31-Mar-05	**7.7**		<5	<5		<10	<5	<5	<5
		14-Jun-05	**8**		<5	<5		<10	<5	<5	<5
		12-Jun-06	**12**	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		12-Jun-07	**12**	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		12-Dec-07	**11**	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		11-Jun-08	**15**	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		03-Feb-09	**5.9**	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		30-Jun-09	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		10-Dec-09	**12**	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		02-Dec-11	**13**	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	16
		12-Dec-12	**13**	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		26-Jan-14	**14**	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Dec-15	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		6-Dec-16	8.4	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		21-Sep-17	**10**	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		21-Sep-17 (DUP-	**11**	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-01S	µg/L	7-Dec-94	<1		1	4					<1
		23-Mar-95			**11**	15					2
		25-Mar-95	<1								
		30-Dec-97	<1		**8**	17					3
		14-Apr-98	<1		4	13					1
		13-Feb-03	<2		<5	<5		<5	<5		<5
		12-Apr-04			<1	1.4		1.1	<1		<1
		28-Sep-04			<5	<5		<10	<5	<5	<5
		15-Dec-04	<5		<5	<5		<10	<5	<5	<5
		31-Mar-05	<5		<5	<5		<10	<5	<5	<5
		14-Jun-05	<5		<5	<5		<10	<5	<5	<5
		12-Jun-06	<5.0	<50	<5.0	<5.0	17	<10	<5.0	<5.0	<5.0
		12-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-03D	µg/L	14-Dec-94	2		<1	<1					<1
		23-Mar-95			<1	<1					<1
		25-Mar-95	<1								
		16-Apr-98	<1		<1	<1					<1

Table 4
Historical Groundwater Detections of Site COCs - VOCs
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	1,2-Dichloroethane	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene
Screening Value[1]	µg/L		5	4000	5	700				100	1000
GW-03I	µg/L	19-Feb-03	<2		<5	<5		<5	<5		<5
		15-Jun-05	<5		<5	<5		<10	<5	<5	<5
		19-Aug-05	<5	<50	<5	<5	<5	<10	<5	<5	<5
		8-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		12-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		2-Jul-09	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		10-Dec-09	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		2-Dec-11	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		02-Dec-11 (DUP-	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		12-Dec-12	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		DUP-2	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		15-Jan-14	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		8-Dec-15	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		6-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		18-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-03S	µg/L	5-Oct-94	<10		**20**	20					20
		23-Mar-95			**58**	34					73
		25-Mar-95	<1								
		7-Jan-98	<1		2	<1					2
		16-Apr-98	<1		1	4					2
		15-Jun-05	<5		<5	<5		<10	<5	<5	<5
		19-Aug-05	<5	<50	<5	<5	<5	<10	<5	<5	<5
		8-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		12-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-05I	µg/L	7-Nov-94	<1		<1	<1					<1
		25-Mar-95	<1								
		15-Apr-98	<1		<1	<1					<1
		13-Apr-04			<1	<1		<1	<1		<1
		28-Sep-04			<5	<5		<10	<5	<5	<5
		14-Dec-04	<5		<5	<5		<10	<5	<5	<5
		14-Jun-05	<5		<5	<5		<10	<5	<5	<5
		8-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		11-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-05S	µg/L	5-Oct-94	<1		<1	<1					<1
		23-Mar-95			<1	<1					<1
		25-Mar-95	<1								
		31-Dec-97	<1		<1	<1					<1
		28-Jun-00			<1	<1					<1
		13-Apr-04			<1	<1		<1	<1		<1
		28-Sep-04			<5	<5		<10	<5	<5	<5
		14-Dec-04	<5		<5	<5		<10	<5	<5	<5
		14-Jun-05	<5		<5	<5		<10	<5	<5	<5
		8-Jun-06	<5.0	51	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-06D	µg/L	15-Apr-98	<1		<1	<1					<1
		23-Mar-05	<5		<5	<5		<10	<5	<5	<5
		15-Jun-05	<5		<5	<5		<10	<5	<5	<5
		22-Aug-05	<5	<50	<5	<5	<5	<10	<5	<5	<5
		1-Dec-05	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		1-Mar-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		11-Dec-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		5-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		12-Dec-07	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0

Table 4
Historical Groundwater Detections of Site COCs - VOCs
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	1,2-Dichloroethane	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene
Screening Value[1]	µg/L		5	4000	5	700				100	1000
GW-06I	µg/L	7-Nov-94	<1		**26**	11					8
		23-Mar-95			**100**	11					40
		25-Mar-95	<1								
		15-Apr-98	<1		**110**	47					39
		13-Feb-03	<2		**150**	61		190	67		31
		24-Mar-05	<5		**19**	<5		18	9.8	<5	11
		15-Jun-05	<5		**14**	<5		14	5.3	<5	<5
		23-Aug-05	<5	<50	<5	<5	<5	<10	<5	<5	<5
		1-Dec-05	<5.0	<50	**15**	<5.0	<5.0	<10	11	<5.0	9.2
		1-Mar-06	<5.0	<50	**17**	<5.0	<5.0	<10	8.9	<5.0	8.1
		7-Jun-06	<5.0	<50	**18**	<5.0	<5.0	<10	9	<5.0	6.1
		11-Dec-06	<5.0	<50	**15**	<5.0	<5.0	<10	8	<5.0	<5.0
		5-Jun-07	<5.0	<50	**39**	24	<5.0	63	31	<5.0	30
		12-Dec-07	NA	NA	**15**	7.8	NA	7.6	11	NA	4.5
		10-Jun-08	NA	NA	**29**	9	NA	8.1	13	NA	8.6
		4-Feb-09	NA	NA	**17**	5.5	NA	2.4	9.2	NA	2.1
		1-Jul-09	NA	NA	**67**	43	NA	110	45	NA	56
		9-Dec-09	NA	NA	**39**	19	NA	34	24	NA	23
		30-Nov-11	NA	NA	**39**	20	NA	39	24	NA	20
		30-Nov-11 (DUP-2)	NA	NA	**38**	20	NA	38	23	NA	19
		14-Dec-12	NA	NA	1.1	<1.0	NA	2.5	1.1	NA	<1.0
		DUP-3	NA	NA	1.2	<1.0	NA	3.3	1.4	NA	<1.0
		16-Jan-14	NA	NA	2.5	1.7	NA	<1.0	<1.0	NA	<1.0
		10-Dec-15	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		6-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		20-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-06S	µg/L	23-Mar-95			**89**	38					140
		25-Mar-95	<1								
		16-Apr-98	<1		**10**	5					15
		23-Mar-05	<5		**130**	26		73	23	<5	62
		15-Jun-05	<5		**160**	27		76	26	<5	82
		22-Aug-05	<5	<50	**110**	18	<5	48	19	<5	62
		1-Dec-05	<5.0	<50	**190**	39	<5.0	120	46	<5.0	120
		1-Mar-06	<5.0	<50	**160**	28	<5.0	69	27	<5.0	74
		7-Jun-06	<5.0	<50	**190**	38	<5.0	96	39	<5.0	100
		11-Dec-06	<5.0	<50	**91**	19	<5.0	40	16	<5.0	62
		7-Jun-07	<5.0	<50	**38**	8.8	<5.0	21	8.7	<5.0	16
		12-Dec-07	NA	NA	**62**	16	NA	33	15	NA	40
		10-Jun-08	NA	NA	**34**	8.4	NA	17	9	NA	3.6
		4-Feb-09	NA	NA	**9.6**	2.4	NA	5	2.6	NA	2.3
		1-Jul-09	NA	NA	**36**	8.4	NA	15	7.9	NA	3.8
		9-Dec-09	NA	NA	**35**	8.9	NA	15	8	NA	4.4
		30-Nov-11	NA	NA	**7.3**	2.4	NA	3.0	1.6	NA	<1.0
		14-Dec-12	NA	NA	4.0	2.2	NA	6.0	2.8	NA	2.2
		16-Jan-14	NA	NA	1.5	<1.0	NA	<1.0	<1.0	NA	<1.0
		10-Dec-15	NA	NA	3.9	<1.0	NA	<1.0	<1.0	NA	<1.0
		8-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		20-Sep-17	NA	NA	3.6	2.6	NA	<1.0	<1.0	NA	<1.0
		20-Sep-17 (DUP-	NA	NA	3.6	2.9	NA	<1.0	<1.0	NA	<1.0

Table 4
Historical Groundwater Detections of Site COCs - VOCs
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	1,2-Dichloroethane	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene
Screening Value[1]	µg/L		5	4000	5	700				100	1000
GW-07I	µg/L	14-Dec-94	<1		<1	<1					<1
		23-Mar-95			<1	<1					<1
		25-Mar-95	<1								
		22-Apr-98	<1		<1	<1					<1
		20-Jun-05	<5		<5	<5		<10	<5	<5	<5
		7-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		6-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-08D	µg/L	14-Dec-94	<1		<1	<1					<1
		23-Mar-95			<1	<1					<1
		25-Mar-95	<1								
		14-Jun-05	<5		<5	<5		<10	<5	<5	<5
		9-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		12-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-08S	µg/L	7-Dec-94	<1		<1	<1					<1
		23-Mar-95			<1	<1					<1
		25-Mar-95	<1								
		28-Jun-00			<1	<1					<1
		14-Jun-05	<5		<5	<5		<10	<5	<5	<5
		9-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		8-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-09I	µg/L	7-Nov-94	<1		<1	<1					<1
		23-Mar-95			<1	<1					<1
		25-Mar-95	<1								
GW-09S	µg/L	7-Nov-94	<1		<1	<1					<1
		23-Mar-95			<1	<1					<1
		25-Mar-95	<1								
GW-10I	µg/L	3-Nov-94	<1		<1	<1					<1
		23-Mar-95			<1	<1					<1
		25-Mar-95	<1								
		30-Dec-97	<1		<1	<1					<1
		21-Jun-05	<5	<20	<5	<5	<5	<10	<5	<5	<5
		14-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		12-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-10S	µg/L	3-Nov-94	<1		<1	<1					<1
		23-Mar-95			<1	<1					<1
		25-Mar-95	<1								
		22-Apr-98	<1		<1	<1					<1
		21-Jun-05	<5	<20	<5	<5	<5	<10	<5	<5	<5
		14-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		8-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-11D	µg/L	7-Nov-94	<1		<1	<1					<1
		12-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0

Table 4
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Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	1,2-Dichloroethane	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene
Screening Value[(1)]	µg/L		5	4000	5	700				100	1000
GW-11I	µg/L	7-Nov-94	<1		3	<1					1
		23-Mar-95			**15**	<1					<1
		25-Mar-95	<1								
		31-Dec-97	<1		**32**	<1					1
		22-Apr-98	<1		**21**	<1					<1
		14-Feb-03	<2		**23**	<5		<5	12		<5
		29-Mar-05	<5		**22**	<5		<10	6.4	<5	<5
		21-Jun-05	<5	<20	**21**	<5	3.5	<10	9.4	<5	<5
		29-Aug-05	<5	<50	**22**	<5	<5	<10	8.6	<5	<5
		6-Dec-05	<5.0	<50	**24**	<5.0	<5.0	<10	12	<5.0	<5.0
		7-Mar-06	<5.0	<50	**24**	<5.0	<5.0	<10	11	<5.0	<5.0
		15-Jun-06	<5.0	<50	**25**	<5.0	<5.0	<10	8.9	<5.0	<5.0
		14-Dec-06	<5.0	<50	**19**	<5.0	<5.0	<10	7.9	<5.0	<5.0
		13-Jun-07	<5.0	<50	**25**	<5.0	<5.0	<10	11	<5.0	<5.0
		13-Dec-07	NA	NA	**21**	<1.0	NA	2.9	11	NA	1
		12-Jun-08	NA	NA	**22**	<1.0	NA	2.2	8	NA	<1.0
		3-Feb-09	NA	NA	**22**	2.6	NA	3.6	10	NA	<1.0
		30-Jun-09	NA	NA	**21**	<1.0	NA	2.9	8.2	NA	1
		9-Dec-09	NA	NA	**21**	<1.0	NA	3.1	9	NA	<1.0
		29-Nov-11	NA	NA	**19**	<1.0	NA	1.5	5.1	NA	<1.0
		11-Dec-12	NA	NA	**15**	<1.0	NA	1.1	4.6	NA	<1.0
		14-Jan-14	NA	NA	**13**	<1.0	NA	1.5	5.1	NA	<1.0
		8-Dec-15	NA	NA	**8.9**	<1.0	NA	<1.0	2.6	NA	<1.0
		08-Dec-15 (DUP-	NA	NA	**8.8**	<1.0	NA	<1.0	2.8	NA	<1.0
		7-Dec-16	NA	NA	**9**	<1.0	NA	<1.0	2.1	NA	<1.0
		20-Sep-17	NA	NA	**5.8**	<1.0	NA	<1.0	1.2	NA	<1.0
GW-11S	µg/L	7-Nov-94	<1		<1	<1					<1
		23-Mar-95			<1	<1					<1
		25-Mar-95	<1								
		29-Mar-05	<5		<5	<5		<10	<5	<5	<5
		21-Jun-05	<5	<20	<5	<5	<5	<10	<5	<5	<5
		29-Aug-05	<5	<50	<5	<5	<5	<10	<5	<5	<5
		6-Dec-05	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Mar-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		15-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		14-Dec-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		13-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-12D	µg/L	9-Feb-95	<1		<1	<1					<1
		6-Jan-97	<1		<1	<1					<1
		30-Mar-05	<5		<5	<5		<10	<5	<5	<5
		22-Jun-05	<5		<5	<5		<10	<5	<5	<5
		6-Dec-05	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		13-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		13-Dec-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		14-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0

Table 4
Historical Groundwater Detections of Site COCs - VOCs
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	1,2-Dichloroethane	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene
Screening Value[1]	µg/L		5	4000	5	700				100	1000
GW-12I	µg/L	3-Nov-94	<1		<1	6					3
		6-Jan-97	<1		<1	3					<1
		21-Apr-98	<1		<1	4					1
		14-Feb-03	<5		<5	<5		7.1	9.6		<5
		31-Mar-05	<5		<5	<5		<10	<5	<5	<5
		22-Jun-05	<5		<5	<5		<10	<5	<5	<5
		6-Dec-05	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		13-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		13-Dec-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		13-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		13-Dec-07	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		12-Jun-08	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		4-Feb-09	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		1-Jul-09	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		8-Dec-09	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		1-Dec-11	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		11-Dec-12	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		14-Jan-14	NA	NA	<1.0	<1.1	NA	<1.0	<1.1	NA	<1.0
		7-Dec-15	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		7-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		19-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-12S	µg/L	3-Nov-94	<1		**9**	9					7
		6-Jan-97	<1		1	4					3
		22-Apr-98	<1		2	6					12
		30-Mar-05	<5		**29**	22		120	54	26	41
		22-Jun-05	<5		**24**	18		120	51	22	35
		6-Dec-05	<5.0	<50	**24**	21	<5.0	130	61	25	32
		13-Jun-06	<5.0	<50	**22**	16	<5.0	100	46	19	26
		13-Dec-06	<5.0	<50	**22**	16	<5.0	73	50	17	25
		13-Jun-07	<5.0	<50	**28**	21	<5.0	82	57	22	31
		13-Dec-07	NA	NA	**23**	18	NA	81	50	NA	25
		12-Jun-08	NA	NA	**23**	19	NA	100	55	NA	27
		4-Feb-09	NA	NA	**21**	18	NA	70	41	NA	23
		1-Jul-09	NA	NA	**20**	16	NA	68	43	NA	24
		8-Dec-09	NA	NA	**22**	22	NA	56	49	NA	27
		1-Dec-11	NA	NA	**23**	16	NA	62	50	NA	29
		11-Dec-12	NA	NA	**20**	18	NA	48	48	NA	23
		14-Jan-14	NA	NA	**19**	20	NA	57	46	NA	25
		7-Dec-15	NA	NA	**15**	14	NA	39	37	NA	18
		7-Dec-16	NA	NA	**23**	29	NA	61	56	NA	31
		19-Sep-17	NA	NA	**17**	20	NA	48	40	NA	25
GW-13I	µg/L	9-Feb-95	<1		<1	<1					<1
		7-Jan-98	<1		<1	<1					<1
		22-Jun-05	<5		<5	<5		<10	<5	<5	<5
		14-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		14-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-13S	µg/L	9-Feb-95	<1		<1	<1					<1
		7-Jan-98	<1		<1	<1					<1
		22-Jun-05	<5		<5	<5		<10	<5	<5	<5
		14-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		14-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0

Table 4
Historical Groundwater Detections of Site COCs - VOCs
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	1,2-Dichloroethane	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene
Screening Value[(1)]	µg/L		5	4000	5	700				100	1000
GW-14I	µg/L	9-Feb-95	<1		<1	<1					<1
		21-Apr-98	<1		<1	<1					<1
		24-Jun-05	<5		<5	<5		<10	<5	<5	<5
		13-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		13-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-14S	µg/L	9-Feb-95	<1		<1	<1					
		21-Apr-98	<1		<1	<1					<1
		23-Jun-05	<5		<5	<5		<10	<5	<5	<5
		13-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		13-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-15I	µg/L	9-Feb-95	<1		<1	<1					<1
		21-Apr-98	<1		<1	<1					<1
		31-Mar-05	<5		<5	<5		<10	<5	<5	<5
		22-Jun-05	<5		<5	<5		<10	<5	<5	<5
		13-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		13-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-15S	µg/L	9-Feb-95	<1		<1	<1					<1
		21-Apr-98	<1		<1	<1					<1
		22-Jun-05	<5		<5	<5		<10	<5	<5	<5
		13-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		13-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-16I	µg/L	9-Feb-95	<1		<1	<1					<1
		16-Apr-98	<1		<1	<1					<1
		16-Jun-05	<5		<5	<5		<10	<5	<5	<5
		6-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-16S	µg/L	9-Feb-95	<1		<1	<1					<1
		31-Dec-97	<1		<1	<1					<1
		16-Apr-98	<1		<1	<1					<1
		20-Jun-05	<5		<5	<5		<10	<5	<5	<5
		6-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-17I	µg/L	22-Apr-98	<1		<1	<1					<1
		21-Jun-05	<5	<20	<5	<5	<5	<10	<5	<5	<5
		14-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		14-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-17S	µg/L	22-Apr-98	<1		<1	<1					<1
		21-Jun-05	<5	<20	<5	<5	<5	<10	<5	<5	<5
		14-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		14-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-18I	µg/L	22-Apr-98	<1		<1	<1					<1
		21-Jun-05	<5	<20	<5	<5	<5	<10	<5	<5	<5
		15-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		13-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-18S	µg/L	22-Apr-98	<1		<1	<1					<1
		21-Jun-05	<5	<20	<5	<5	<5	<10	<5	<5	<5
		15-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		13-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-19I	µg/L	22-Apr-98	1		<1	<1					<1
		20-Jun-05	<5		<5	<5		<10	<5	<5	<5
		12-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		12-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0

Table 4
Historical Groundwater Detections of Site COCs - VOCs
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	1,2-Dichloroethane	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene
Screening Value[1]	µg/L		5	4000	5	700				100	1000
GW-19S	µg/L	22-Apr-98	<1		<1	<1					<1
		20-Jun-05	<5		<5	<5		<10	<5	<5	<5
		12-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		8-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-20I	µg/L	14-Apr-98	<1		<1	<1					<1
		24-Mar-05	<5		<5	<5		<10	<5	<5	<5
		16-Jun-05	<5		<5	<5		<10	<5	<5	<5
		23-Aug-05	<5	<50	<5	<5	<5	<10	<5	<5	<5
		1-Dec-05	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		1-Mar-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		6-Dec-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		11-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		12-Dec-07	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		11-Jun-08	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		5-Feb-09	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		1-Jul-09	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		10-Dec-09	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		30-Nov-11	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		12-Dec-12	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		14-Jan-14	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		9-Dec-15	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		27-Apr-16	<5	<50	<5	<5	<5	<10	<5	<5	<5
		18-May-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		4-Oct-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		8-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		19-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		18-Dec-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		12-Mar-18	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-20S	µg/L	14-Apr-98	<1		<1	<1					<1
		24-Mar-05	<5		<5	<5		12	8.9	<5	9.4
		16-Jun-05	<5		<5	<5		12	5.7	<5	<5
		23-Aug-05	<5	<50	<5	<5	<5	12	6.6	<5	6
		1-Dec-05	<5.0	<50	**5.4**	12	<5.0	32	14	<5.0	16
		2-Mar-06	<5.0	<50	<5.0	10	<5.0	27	10	<5.0	<5.0
		7-Jun-06	<5.0	<50	<5.0	5.1	<5.0	10	<5.0	<5.0	<5.0
		6-Dec-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Jun-07	<5.0	<50	**5.8**	11	<5.0	21	11	<5.0	<5.0
		12-Dec-07	NA	NA	1.6	<1.0	NA	<1.0	1.2	NA	<1.0
		11-Jun-08	NA	NA	3.8	6.6	NA	3.7	4.2	NA	<1.0
		5-Feb-09	NA	NA	4.8	7.6	NA	3.9	7.7	NA	1.1
		1-Jul-09	NA	NA	3.7	5.7	NA	2.5	3.1	NA	<1.0
		10-Dec-09	NA	NA	2.7	4.6	NA	2.6	3.3	NA	<1.0
		30-Nov-11	NA	NA	2.3	<1.0	NA	<1.0	<1.0	NA	<1.0
		13-Dec-12	NA	NA	2.4	<1.0	NA	<1.0	<1.0	NA	<1.0
		14-Jan-14	NA	NA	3.2	2.1	NA	2.5	2.9	NA	<1.0
		9-Dec-15	NA	NA	1.1	<1.0	NA	<1.0	<1.0	NA	<1.0
		27-Apr-16	<5	<50	<5	<5	<5	<10	<5	<5	<5
		18-May-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		4-Oct-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		8-Dec-16	NA	NA	1.5	1.3	NA	<1.0	<1.0	NA	<1.0
		21-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		18-Dec-17	NA	NA	1.5	<1.0	NA	<1.0	<1.0	NA	<1.0
		12-Mar-18	NA	NA	1.2	1.3	NA	1.1	1.3	NA	<1.0

Table 4
Historical Groundwater Detections of Site COCs - VOCs
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	1,2-Dichloroethane	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene
Screening Value[(1)]	µg/L		5	4000	5	700				100	1000
GW-21I	µg/L	15-Apr-98	<1		<1	<1					<1
		17-Jun-05	<5		<5	<5		<10	<5	<5	<5
		6-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-21S	µg/L	14-Apr-98	<1		<1	<1					<1
		17-Jun-05	<5		<5	<5		<10	<5	<5	<5
		6-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		6-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-22D	µg/L	15-Apr-98	<1		<1	<1					<1
		16-Jun-05	<5		<5	<5		<10	<5	<5	<5
		6-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		6-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-22I	µg/L	15-Apr-98	<1		<1	<1					<1
GW-22S	µg/L	20-Jun-05	<5		<5	<5		<10	<5	<5	<5
		6-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		6-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-23I	µg/L	21-Apr-98	<1		<1	<1					<1
		22-Jun-05	<5		<5	<5		<10	<5	<5	<5
		14-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		14-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		8-Dec-09			<1.0	<1.0		<1.0	<1.0		<1.0
		1-Dec-11	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		11-Dec-12	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		14-Jan-14	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		7-Dec-15	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		7-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		19-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-23S	µg/L	21-Apr-98	<1		<1	<1					<1
		22-Jun-05	<5		<5	<5		<10	<5	<5	<5
		14-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		14-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0

Table 4
Historical Groundwater Detections of Site COCs - VOCs
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	1,2-Dichloroethane	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene
Screening Value[1]	µg/L		5	4000	5	700				100	1000
GW-24I	µg/L	19-Feb-03	<2		**7**	<5		<5	<5		<5
		28-Mar-05	<5		<5	<5		<10	<5	<5	<5
		15-Jun-05	<5		<5	<5		<10	<5	<5	<5
		23-Aug-05	<5	<50	<5	<5	<5	<10	<5	<5	<5
		30-Nov-05	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		1-Mar-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		8-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Dec-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		12-Dec-07	NA	NA	**5.9**	<1.0	NA	4.8	2.8	NA	<1.0
		10-Jun-08	NA	NA	<5	<10	NA	22	15	NA	<10
		5-Feb-09	NA	NA	2.7	<1.0	NA	2.5	1.4	NA	<1.0
		1-Jul-09	NA	NA	2.7	1.2	NA	4.6	2.7	NA	<1.0
		10-Dec-09	NA	NA	3.3	1.1	NA	4.2	2.2	NA	<1.0
		1-Dec-11	NA	NA	4.1	<1.0	NA	2.0	1.1	NA	1.5
		13-Dec-12	NA	NA	3.9	1.1	NA	3.5	2.2	NA	<1.0
		16-Jan-14	NA	NA	4	<1.0	NA	3.0	1.6	NA	<1.0
		9-Dec-15	NA	NA	3.2	<1.0	NA	<1.0	<1.0	NA	<1.0
		28-Apr-16	<5	<50	<5	<5	<5	<10	<5	<5	<5
		19-May-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		5-Oct-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		8-Dec-16	NA	NA	1.2	<1.0	NA	<1.0	<1.0	NA	<1.0
		22-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		21-Dec-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		14-Mar-18	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-24S	µg/L	28-Mar-05	<5		<5	<5		<10	<5	<5	<5
		15-Jun-05	<5		<5	<5		<10	<5	<5	<5
		23-Aug-05	<5	<50	<5	<5	<5	<10	<5	<5	<5
		30-Nov-05	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		1-Mar-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		8-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		2-Jan-00	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		12-Dec-07	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		10-Jun-08	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		5-Feb-09	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		1-Jul-09	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		10-Dec-09	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		1-Dec-11	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		13-Dec-12	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		15-Jan-14	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		9-Dec-15	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		09-Dec-15 (DUP-2)	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		6-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		20-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-25I	µg/L	16-Jun-05	<5		<5	<5		<10	<5	<5	<5
		7-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		6-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-25S	µg/L	16-Jun-05	<5		<5	<5		<10	<5	<5	<5
		7-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		6-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		5-Feb-09	NA		<1.0	<1.0		<1.0	<1.0		<1.0
GW-26I	µg/L	16-Jun-05	<5		<5	<5		<10	<5	<5	<5
		7-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0

Table 4
Historical Groundwater Detections of Site COCs - VOCs
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	1,2-Dichloroethane	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene
Screening Value[1]	µg/L		5	4000	5	700				100	1000
GW-26S	µg/L	16-Jun-05	<5		<5	<5		<10	<5	<5	<5
		7-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-27I	µg/L	14-Feb-03	<2		**57**	27		140	58		130
		24-Mar-05	<5		**49**	33		100	42	<5	69
		15-Jun-05	<5		**47**	37		120	46	<5	86
		25-Aug-05	<5	79	**43**	30	<5	91	39	<5	54
		7-Dec-05	<5.0	120	**46**	41	<5.0	140	58	<5.0	63
		6-Mar-06	<5.0	58	**50**	41	<5.0	130	50	<5.0	72
		8-Jun-06	<5.0	110	**51**	44	<5.0	140	55	<5.0	91
		7-Dec-06	<5.0	150	**48**	42	<5.0	130	53	<5.0	82
		6-Jun-07	<5.0	240	**53**	44	<5.0	150	56	<5.0	110
		12-Dec-07	NA	NA	**41**	41	NA	120	52	NA	94
		10-Jun-08	NA	NA	**35**	51	NA	180	58	NA	100
		5-Feb-09	NA	NA	**45**	57	NA	180	58	NA	120
		2-Jul-09	NA	NA	**44**	29	NA	93	41	NA	26
		10-Dec-09	NA	NA	**43**	39	NA	120	53	NA	50
		30-Nov-11	NA	NA	**47**	40	NA	130	53	NA	66
		12-Dec-12	NA	NA	**39**	26	NA	81	35	NA	44
		16-Jan-14	NA	NA	**39**	26	NA	81	37	NA	31
		10-Dec-15	NA	NA	**32**	20	NA	70	30	NA	23
		29-Apr-16	<5	170	<5	8.3	<5	27	11	<5	15
		20-May-16	<5.0	<50	<5.0	<5.0	<5.0	13	<5.0	<5.0	6.7
		5-Oct-16	<5.0	<50	<5.0	<5.0	<5.0	12	5.1	<5.0	7.4
		8-Dec-16	NA	NA	3.2	7.2	NA	17	7.6	NA	13
		22-Sep-17	NA	NA	**6.7**	14	NA	39	15	NA	28
		20-Dec-17	NA	NA	3.9	12	NA	36	14	NA	16
		15-Mar-18	NA	NA	2.9	7.3	NA	24	8.1	NA	12
GW-27S	µg/L	15-Jun-05	<5		<5	<5		<10	<5	<5	<5
		23-Aug-05	<5	<50	<5	<5	<5	<10	<5	<5	<5
		7-Dec-05	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		6-Mar-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		8-Jun-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		7-Dec-06	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		6-Jun-07	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		12-Dec-07	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		10-Jun-08	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		5-Feb-09	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		2-Jul-09	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		10-Dec-09	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		30-Nov-11	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		12-Dec-12	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		16-Jan-14	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		10-Dec-15	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		6-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		20-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-28S	µg/L	28-Jun-00			**6**	36					44
		13-Feb-03	<2		**14**	190		170	15		22
GW-28D	µg/L	2-Dec-11	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		13-Dec-12	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		16-Jan-14	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		9-Dec-15	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		7-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		21-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0

Table 4
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Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	1,2-Dichloroethane	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene
Screening Value[1]	µg/L		5	4000	5	700				100	1000
GW-28I	µg/L	9-Dec-15	NA	NA	1.6	<1.0	NA	<1.0	<1.0	NA	<1.0
		28-Apr-16	<5	680	<5	<5	<5	<10	<5	<5	<5
		19-May-16	<5.0	230	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		24-Oct-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		6-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		21-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		20-Dec-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		14-Mar-18	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-29I	µg/L	2-Dec-11	NA	NA	1.6	<1.0	NA	<1.0	<1.0	NA	<1.0
		13-Dec-12	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		16-Jan-14	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		10-Dec-15	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		8-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		21-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-29S	µg/L	2-Dec-11	NA	NA	**76**	16.0	NA	54	21	NA	18
		13-Dec-12	NA	NA	**5.1**	3.1	NA	9.5	3.5	NA	2.3
		16-Jan-14	NA	NA	**34**	16.0	NA	53	22	NA	7.7
		10-Dec-15	NA	NA	**12**	3.5	NA	2.0	4.3	NA	<1.0
		28-Apr-16	<5	52	**6.9**	<5	<5	<10	<5	<5	<5
		18-May-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		4-Oct-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		8-Dec-16	NA	NA	12	6.4	NA	2.4	4.7	NA	1
		22-Sep-17	NA	NA	**11**	7.2	NA	2.4	4.2	NA	<1.0
		20-Dec-17	NA	NA	**33**	15	NA	26	18	NA	4.7
		14-Mar-18	NA	NA	**19**	11	NA	12	12	NA	2
GW-30I	µg/L	2-Dec-11	NA	NA	**8.5**	<1.0	NA	5.8	2.0	NA	<1.0
		1-Dec-12	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		16-Jan-14	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		10-Dec-15	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		6-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		18-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		18-Sep-17 (DUP-	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-30S	µg/L	2-Dec-11	NA	NA	**20**	2.7	NA	2.6	5.2	NA	1.8
		13-Dec-12	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		16-Jan-14	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		10-Dec-15	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		10-Dec-15 (DUP-	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		8-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		18-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-31I	µg/L	2-Dec-11	NA	NA	**7.6**	7.1	NA	27	13	NA	3.3
		14-Dec-12	NA	NA	**6.4**	8.7	NA	14	11	NA	4.7
		15-Jan-14	NA	NA	**6.4**	8.9	NA	15	9.4	NA	5.1
		9-Dec-15	NA	NA	**5.4**	7.7	NA	17	8.6	NA	3.9
		27-Apr-16	<5	<50	<5	5.3	<5	<10	<5	<5	<5
		19-May-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		4-Oct-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		8-Dec-16	NA	NA	3.8	5.3	NA	1.2	1.1	NA	2.2
		22-Sep-17	NA	NA	3.8	4.6	NA	<1.0	1.5	NA	1.8
		20-Dec-17	NA	NA	4	5.6	NA	<1.0	1.9	NA	1.8
		13-Mar-18	NA	NA	2.7	3.2	NA	<1.0	<1.0	NA	1.3

Table 4
Historical Groundwater Detections of Site COCs - VOCs
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	1,2-Dichloroethane	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene
Screening Value[1]	µg/L		5	4000	5	700				100	1000
GW-31S	µg/L	2-Dec-11	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		14-Dec-12	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		15-Jan-14	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		9-Dec-15	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		7-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		21-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-32I	µg/L	2-Dec-11	NA	NA	**15**	4.0	NA	47	19	NA	4.2
		13-Dec-12	NA	NA	**19**	7.4	NA	58	27	NA	2.0
		15-Jan-14	NA	NA	**14**	7.2	NA	50	22	NA	1.8
		9-Dec-15	NA	NA	**11**	4.9	NA	36	16	NA	2.1
		28-Apr-16	<5	58	<5	<5	<5	<10	<5	<5	<5
		19-May-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		4-Oct-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		6-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		21-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		19-Dec-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		13-Mar-18	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-33I	µg/L	2-Dec-11	NA	NA	**18**	<1.0	NA	5.8	5.1	NA	1.1
		12-Dec-12	NA	NA	**17**	<1.0	NA	3.6	4.2	NA	1.0
		15-Jan-14	NA	NA	**12**	<1.0	NA	3.9	3.7	NA	1.4
		10-Dec-15	NA	NA	**7.0**	2.2	NA	7.0	3.2	NA	1.1
		29-Apr-16	<5	<50	<5	<5	<5	<10	<5	<5	<5
		20-May-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		5-Oct-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		6-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		22-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		21-Dec-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		15-Mar-18	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-41S	µg/L	10-Dec-15	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		28-Apr-16	<5	<50	<5	<5	<5	<10	<5	<5	<5
		18-May-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		4-Oct-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		8-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	3.5
		22-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		19-Dec-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	1.3
		13-Mar-18	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
GW-42I	µg/L	10-Dec-15	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		27-Apr-16	<5	<50	<5	<5	<5	<10	<5	<5	<5
		19-May-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		3-Oct-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		6-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		19-Sep-17	NA	NA	<1.0	<1.0	NA	1.7	<1.0	NA	<1.0
		18-Dec-17	NA	NA	<1.0	<1.0	NA	1.6	<1.0	NA	<1.0
		18-Dec-17 (DUP-	NA	NA	<1.0	<1.0	NA	2	<1.0	NA	<1.0
		13-Mar-18	NA	NA	<1.0	<1.0	NA	2.6	1.1	NA	<1.0
GW-43I	µg/L	10-Dec-15	NA	NA	**7.7**	2.0	NA	9.1	5.6	NA	1.1
		28-Apr-16	<5	92	<5	<5	<5	<10	<5	<5	<5
		19-May-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		4-Oct-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		8-Dec-16	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		20-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		19-Dec-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		13-Mar-18	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		13-Mar18 (DUP-1)	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0

Table 4
Historical Groundwater Detections of Site COCs - VOCs
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	1,2-Dichloroethane	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene
Screening Value[(1)]	µg/L		5	4000	5	700				100	1000
GW-44I	µg/L	9-Dec-15	NA	NA	1.2	3.5	NA	10	4.4	NA	4.4
		28-Apr-16	<5	170	<5	<5	8.3	<10	<5	<5	<5
		19-May-16	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
		4-Oct-16	<5.0	<50	<5.0	<5.0	5.5	<10	<5.0	<5.0	<5.0
		8-Dec-16	NA	NA	<1.0	6.4	NA	16	7.4	NA	3.5
		22-Sep-17	NA	NA	<1.0	4.9	NA	13	5.5	NA	2.6
		20-Dec-17	NA	NA	<1.0	3.3	NA	9	4.4	NA	2.6
		14-Mar-18	NA	NA	<1.0	4.4	NA	13	5.3	NA	2.8
GW-45S	µg/L	19-Sep-17	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-46S	µg/L	20-Sep-17	<5.0	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0
GW-47S	µg/L	20-Sep-17	NA	NA	<1.0	1.6	NA	3.1	1.9	NA	1.4
PZ-1	µg/L	21-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
PZ-2	µg/L	21-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
		21-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
PZ-3	µg/L	21-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0
PZ-4	µg/L	20-Sep-17	NA	NA	<1.0	<1.0	NA	<1.0	<1.0	NA	<1.0

Notes:
(1) Until site-specific Risk Reduction Standards (RRS) are calculated, GA HSRA Table 1 Appendix III values are used for screening.

µg/L - micrograms per liter
NA - Not analyzed
RRS - Risk Reduction Standard

Bold cell indicates detection above the Type 1 RRS.
COCs - Constituents of Concern
VOCs - Volatile organic carbons

Table 5
Historical Groundwater Detections of Site COCs - Metals
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	Arsenic[1]	Barium[1]	Cadmium[1]	Chromium[1]	Chromium, Hexavalent[2]	Lead[1]	Mercury[3]	Selenium[1]	Silver[1]
Screening Value[(4)]	mg/L		0.01	2	0.005	0.1		0.015	0.002	0.05	0.1
GW-20I	mg/L	27-Apr-16	<0.05	0.0217	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.02	<0.01
		18-May-16	<0.0500	<0.0200	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		4-Oct-16	<0.0500	<0.0200	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		19-Sep-17	<0.0500	0.0236	<0.0050	<0.0100	NA	<0.0100	<0.00020	<0.0200	<0.0100
		18-Dec-17	<0.0500	0.0207	<0.0050	<0.0100	<0.01	<0.0100	<0.00020	<0.0200	<0.0100
		12-Mar-18	<0.0500	<0.0200	<0.0050	<0.0100	<0.01	<0.0100	<0.00020	<0.0200	<0.0100
GW-20S	mg/L	27-Apr-16	<0.05	0.115	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.02	<0.01
		18-May-16	<0.0500	0.108	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		4-Oct-16	<0.0500	0.157	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		21-Sep-17	<0.0500	0.149	<0.0050	<0.0100	NA	<0.0100	<0.00020	<0.0200	<0.0100
		18-Dec-17	<0.0500	0.149	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		12-Mar-18	<0.0500	0.15	<0.0050	<0.0100	<0.01	<0.0100	<0.00020	<0.0200	<0.0100
GW-24I	mg/L	28-Apr-16	<0.05	0.151	<0.005	<0.01	<0.01	**0.109**	<0.0002	<0.02	<0.01
		19-May-16	<0.0500	0.115	<0.0050	<0.0100	<0.010	**0.0933**	<0.00020	<0.0200	<0.0100
		5-Oct-16	<0.0500	0.088	<0.0050	<0.0100	<0.010	**0.0478**	<0.00020	<0.0200	<0.0100
		22-Sep-17	<0.0500	0.0728	<0.0050	<0.0100	NA	**0.0231**	<0.00020	<0.0200	<0.0100
		21-Dec-17	<0.0500	0.075	<0.0050	<0.0100	<0.010	**0.0193**	<0.00020	<0.0200	<0.0100
		14-Mar-18	<0.0500	0.0655	<0.0050	<0.0100	<0.010	**0.0161**	<0.00020	<0.0200	<0.0100
GW-27I	mg/L	29-Apr-16	<0.05	0.245	<0.005	0.0168	0.018	**0.0195**	<0.0002	<0.02	<0.01
		20-May-16	<0.0500	0.106	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		5-Oct-16	<0.0500	0.0436	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		22-Sep-17	<0.0500	0.104	<0.0050	<0.0100	NA	**0.025**	<0.00020	<0.0200	<0.0100
		20-Dec-17	<0.0500	0.106	<0.0050	<0.0100	<0.010	**0.0173**	<0.00020	<0.0200	<0.0100
		15-Mar-18	<0.0500	0.0858	<0.0050	<0.0100	<0.010	**0.0174**	<0.00020	<0.0200	<0.0100
GW-28I	mg/L	28-Apr-16	<0.05	0.194	<0.005	0.0119	<0.01	<0.01	0.00036	<0.02	<0.01
		19-May-16	<0.0500	0.171	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		4-Oct-16	<0.0500	0.371	<0.0050	0.0256	<0.100	**0.0518**	<0.00020	<0.0200	<0.0100
		21-Sep-17	<0.0500	0.0433	<0.0050	<0.0100	NA	<0.0100	<0.00020	<0.0200	<0.0100
		20-Dec-17	<0.0500	0.0441	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		14-Mar-18	<0.0500	0.0431	<0.0050	<0.0100	<0.01	<0.0100	<0.00020	<0.0200	<0.0100
GW-29S	mg/L	28-Apr-16	<0.05	0.0501	<0.005	<0.01	<0.01	**0.043**	<0.0002	<0.02	<0.01
		18-May-16	<0.0500	0.0778	<0.0050	<0.0100	0.032	**0.221**	<0.00020	<0.0200	<0.0100
		4-Oct-16	<0.0500	1.08	<0.0050	**0.153**	<0.100	**0.397**	<0.00020	<0.0200	<0.0100
		22-Sep-17	<0.0500	**2.12**	<0.0050	**0.157**	NA	**1.24**	0.00028	<0.0200	<0.0100
		20-Dec-17	<0.0500	0.0843	<0.0050	<0.0100	<0.010	**0.0768**	<0.00020	<0.0200	<0.0100
		14-Mar-18	<0.0500	0.505	<0.0050	0.0294	0.013	**0.24**	0.0003	<0.0200	<0.0100
GW-31I	mg/L	27-Apr-16	<0.05	0.336	<0.005	<0.01	<0.01	**0.0947**	<0.0002	<0.02	<0.01
		19-May-16	<0.0500	0.287	<0.0050	<0.0100	<0.010	**0.0704**	<0.00020	<0.0200	<0.0100
		4-Oct-16	<0.0500	0.18	<0.0050	<0.0100	<0.010	**0.0162**	<0.00020	<0.0200	<0.0100
		20-Dec-17	<0.0500	0.182	<0.0050	<0.0100	<0.010	**0.0283**	<0.00020	<0.0200	<0.0100
		13-Mar-18	<0.0500	0.148	<0.0050	<0.0100	<0.01	<0.0100	<0.00020	<0.0200	<0.0100
GW-32I	mg/L	28-Apr-16	<0.05	0.0412	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.02	<0.01
		19-May-16	<0.0500	0.0356	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		4-Oct-16	<0.0500	0.0507	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		21-Sep-17	<0.0500	0.0884	<0.0050	<0.0100	NA	<0.0100	<0.00020	<0.0200	<0.0100
		19-Dec-17	<0.0500	0.0734	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		13-Mar-18	<0.0500	0.057	<0.0050	<0.0100	<0.01	<0.0100	<0.00020	<0.0200	<0.0100
GW-33I	mg/L	29-Apr-16	<0.05	0.0554	<0.005	<0.01	0.012	<0.01	<0.0002	<0.02	<0.01
		20-May-16	<0.0500	0.0651	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		5-Oct-16	<0.0500	0.0877	<0.0050	<0.0100	<0.010	0.0128	<0.00020	<0.0200	<0.0100
		22-Sep-17	<0.0500	0.0612	<0.0050	<0.0100	NA	0.0101	<0.00020	<0.0200	<0.0100
		21-Dec-17	<0.0500	0.0664	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		15-Mar-18	<0.0500	0.0783	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
GW-41S	mg/L	28-Apr-16	<0.05	0.0653	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.02	<0.01
		18-May-16	<0.0500	0.064	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		4-Oct-16	<0.0500	0.0632	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		22-Sep-17	<0.0500	0.0576	<0.0050	<0.0100	NA	<0.0100	<0.00020	<0.0200	<0.0100
		19-Dec-17	<0.0500	0.0681	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		13-Mar-18	<0.0500	0.0679	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100

Table 5
Historical Groundwater Detections of Site COCs - Metals
Former GDOT Maintenance Facility, Douglas, Georgia

Well ID	Units	Date	Arsenic[1]	Barium[1]	Cadmium[1]	Chromium[1]	Chromium, Hexavalent[2]	Lead[1]	Mercury[3]	Selenium[1]	Silver[1]
Screening Value[(4)]	mg/L		0.01	2	0.005	0.1		0.015	0.002	0.05	0.1
GW-42I	mg/L	27-Apr-16	<0.05	0.075	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.02	<0.01
		19-May-16	<0.0500	0.0426	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		3-Oct-16	<0.0500	<0.0200	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		19-Sep-17	<0.0500	<0.0200	<0.0050	<0.0100	NA	<0.0100	<0.00020	<0.0200	<0.0100
		18-Dec-17	<0.0500	<0.0200	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		18-Dec-17 DUP	<0.0500	<0.0200	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		13-Mar-18	<0.0500	<0.0200	<0.0050	<0.0100	<0.01	<0.0100	<0.00020	<0.0200	<0.0100
GW-43I	mg/L	28-Apr-16	<0.05	<0.02	<0.005	<0.01	<0.01	<0.01	<0.0002	<0.02	<0.01
		19-May-16	<0.0500	<0.0200	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		4-Oct-16	<0.0500	0.0377	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		20-Sep-17	<0.0500	0.0625	<0.0050	<0.0100	NA	<0.0100	<0.00020	<0.0200	<0.0100
		19-Dec-17	<0.0500	0.0862	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		13-Mar-18	<0.0500	0.0538	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		13-Mar-18 DUP-1	<0.0500	0.0537	<0.0050	<0.0100	<0.01	<0.0100	<0.00020	<0.0200	<0.0100
GW-44I	mg/L	28-Apr-16	<0.05	0.125	<0.005	<0.01	<0.01	0.0103	<0.0002	<0.02	<0.01
		19-May-16	<0.0500	0.0681	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	<0.0200	<0.0100
		4-Oct-16	<0.0500	<0.0200	<0.0050	<0.0100	<0.010	<0.0100	<0.00020	0.0236	<0.0100
		22-Sep-17	<0.0500	0.06	<0.0050	<0.0100	NA	**0.0956**	<0.00020	<0.0200	<0.0100
		20-Dec-17	<0.0500	0.0643	<0.0050	<0.0100	<0.010	**0.121**	<0.00020	<0.0200	<0.0100
		14-Mar-18	<0.0500	0.0575	<0.0050	<0.0100	<0.010	**0.0728**	<0.00020	<0.0200	<0.0100

Notes:

[1] Method SW6010C

[2] Method SM3500-C

[3] Method SW7470A

[4] Until site-specific Risk Reduction Standards (RRS) are calculated, GA HSRA Table 1 Appendix III values are used for screening.

µg/L - micrograms per liter

NA - Not analyzed

RRS - Risk Reduction Standard

Bold cell indicates detection above the Type 1 RRS.

DUP - Duplicate sample result

Appendix A
EPD Correspondences and Responses

No correspondences from Georgia EPD were received during this reporting period.

Appendix B
Groundwater Sampling Log Sheets

Appendix B1
December 2017 Sampling Event

FLUID MEASUREMENT FIELD DATA

SHEET: 1 of 1

DATE: 12/18/17 | PROJECT NAME: Walker Street | PROJECT NO: 60440866.00000

WATER LEVEL MEASUREMENT INSTRUMENT: Heron H.OIL S/N-01-7124 | SERIAL NO: 01-7124

PRODUCT DETECTION INSTRUMENT: " | SERIAL NO: "

EQUIP. DECON: ☒ ALCONOX WASH ☒ DIST/DEION 1 RINSE ☐ ISOPROPANOL ☐ ANALYTE FREE FINAL RINSE ☐ TAP WATER FINAL RINSE

☐ TAP WATER WASH ☐ LIQUINOX WASH ☐ DIST/DEION 2 RINSE ☐ OTHER SOLVENT ☐ DIST/DEION FINAL RINSE ☐ AIR DRY

WELL NUMBER	TOP OF CASING ELEVATION	WELL DEPTH BELOW TOC	DEPTH TO WATER BELOW TOC	DEPTH TO PRODUCT BELOW TOC	PRODUCT THICKNESS	WATER TABLE ELEVATION		ACTUAL TIME
GW-20SR			4.37	—	—			0824
GW-20IR			3.54	—	—			0820
GW-24IR			5.28	—	—			0854
GW-27I			5.60	—	—			0903
GW-28I			4.35	—	—			0846
GW-29S			7.21	—	—			0834
GW-31I			4.09	—	—			0827
GW-32I			4.72	—	—			0906
GW-33I			4.72	—	—			0859
GW-41S			5.05	—	—			0839
GW-42I			3.32	—	—			0831
GW-43I			3.99	—	—			0909
GW-44I			4.95	—	—			0852

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3080 Presidential Drive Atlanta, GA 30340-3704
AES Phone: (770) 457-8177 / Toll-Free: (800) 972-4889 / Fax: (770) 457-8188

CHAIN OF CUSTODY

Work Order: _____

Date: 12/21/17 Page 2 of 2

COMPANY:	ADDRESS:
AECOM	1360 Peachtree St. NE. Suite 500 Atlanta Ga 30309
PHONE: 678-808-8979	EMAIL: ron.hilliard@aecom.com
SAMPLED BY: R. Hilliard / AECOM	SIGNATURE:

#	SAMPLE ID	SAMPLED: DATE	SAMPLED: TIME	GRAB	COMPOSITE	MATRIX (see codes)	RCRA Metals	Hex. Chromium	Chloride	8270C-SIM	BTEX										Number of Containers
							PRESERVATION (see codes)														
							N	I	N	I	I										
1	GW-24I	12/21/17	0903	X		GW	1	1	1	2	2										7
2	GW-33I	12/21/17	1107	X		GW	1	1	1	2	2										7
3																					7
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					
13																					
14																					

Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.

REMARKS

RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1.	12/22/17 1245	1.	12/22/17 1245
2.		2.	
3.		3.	

SPECIAL INSTRUCTIONS/COMMENTS: Run Hex Chromium Samples out of hold.

SHIPMENT METHOD

OUT: / / VIA:

IN: / / VIA:

client FedEx UPS US mail courier Greyhound

other: _____

PROJECT INFORMATION

PROJECT NAME: GDOT - Walker Street

PROJECT #: 60440866

SITE ADDRESS: West Walker Street Douglas, Ga.

SEND REPORT TO: Felix.Nchako@aecom.com

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers

Turnaround Time (TAT) Request

- [X] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same-Day Rush (auth req.)
- [ ] Other _____

STATE PROGRAM (if any): _____

E-mail? ☐ Fax? ☐

DATA PACKAGE: I ○ II ○ III ○ IV ○

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arangements are made.

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

Preservative Codes: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

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AES

CHAIN OF CUSTODY

Work Order: _____

Date: 12/18/17 Page 1 of 2

COMPANY: AECOM

ADDRESS: 1360 Peachtree St. NE Suite 500 Atlanta GA 30309

PHONE: 678-808-8979

EMAIL: ron.hilliard@aecom.com

SAMPLED BY: R. Hilliard / AECOM

SIGNATURE:

ANALYSIS REQUESTED

Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.

#	SAMPLE ID	SAMPLED: DATE	SAMPLED: TIME	GRAB	COMPOSITE	MATRIX (see codes)	RCRA metals	Hex. Chromium	Chloride	8270C-SIM	BTEX									PRESERVATION (see codes)												REMARKS	Number of Containers
																				N	I	I	I	HI									
1	GW-20I	12/18/17	1224	X		GW														1	1	1	2	2									7
2	GW-20S	12/18/17	1533	X		GW														1	1	1	2	2									7
3	GW-42I	12/18/17	1807	X		GW														1	1	1	2	2									7
4	DUP-1	12/18/17	—	X		GW														1	1	1	2	2									7
5	GW-43I	12/19/17	0909	X		GW														1	1	1	2	2									7
6	GW-32I	12/19/17	1152	X		GW														1	1	1	2	2									7
7	GW-41S	12/19/17	1346	X		GW														1	1	1	2	2									7
8	GW-29S	12/20/17	0721	X		GW														1	1	1	2	2									7
9	GW-31I	12/20/17	1032	X		GW														1	1	1	2	2									7
10	GW-44I	12/20/17	1310	X		GW														1	1	1	2	2									7
11	GW-28I	12/20/17	1554	X		GW														1	1	1	2	2									7
12	GW-27I	12/20/17	1817	X		GW														1	1	1	2	2									7
13	GW-27I MS	12/20/17	1817	X		GW														1	1	1	2	2									7
14	GW-27I MSD	12/20/17	1817	X		GW														1	1	1	2	2									7

RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1.	12/22/17 1245	1.	12/22/17 1245
2.		2.	
3.		3.	

PROJECT INFORMATION

PROJECT NAME: GDOT- Walker Street

PROJECT #: 60440866

SITE ADDRESS: West Walker Street Douglas, GA

SEND REPORT TO: Felix.Nibeko@aecom.com

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers

Turnaround Time (TAT) Request

- [x] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same-Day Rush (auth req.)
- [ ] Other _____

STATE PROGRAM (if any): _____

E-mail? ☐ Fax? ☐

DATA PACKAGE: I ○ II ○ III ○ IV ○

SPECIAL INSTRUCTIONS/COMMENTS:
Run Hex. Chromium Samples out of hold

SHIPMENT METHOD

OUT: / / VIA:

IN: / / VIA:

(client) FedEx UPS US mail courier Greyhound

other: _____

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arangements are made.

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

Preservative Codes: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

LOW IMPACT GROUNDWATER SAMPLING LOG

SITE NAME:	SITE LOCATION:
WELL NO: GW-41S	SAMPLE ID: GW-41S
DATE: 12/19/17	

PURGING DATA

WELL DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2"	5 feet to 15 feet	5.06	Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (15.50 feet – 5.06 feet) X 0.65 liters/foot = 6.8 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = (20 feet X 0.005 liters/foot) + 0.4 liters = 0.5 liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (liters):
10		1259	1343	6.7

WATER QUALITY INSTRUMENT(S):	HORIBA U-53	SERIAL NO(S):	JWDTN8L8

CALIBRATION DETAILS:	Calibration Standards Used: AutoCAL (4.00 SU, 4.49 mS/cm, 0.0 NTU) ~~Zobel (228 mV ORP Solution)~~ X Previously Calibrated					
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg/L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1307	0.5	0.5	0.15	5.20	21.9	4.85	307	0.062	0.78	1.71
3.0	1312	1.5	2	0.15	—	21.7	4.78	289	0.058	0.00	0
3.0	1322	1.5	3.5	0.15	5.36	21.9	4.77	293	0.057	0.01	0
3.0	1327	0.75	4.25	0.15	5.37	21.9	4.77	301	0.055	0.88	0
3.0	1332	0.75	5.00	0.15	5.37	22.0	4.77	305	0.055	0.75	0
3.0	1337	0.75	5.75	0.15	5.37	21.9	4.77	311	0.055	0.66	0
3.0	1342	0.75	6.50	0.15	5.37	22.0	4.76	313	0.054	0.17	0

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): 0.75" = 0.10; 1" = 0.20; 1.25" = 0.30; 2" = 0.65; 3" = 1.45; 4" = 2.50; 5" = 3.90; 6" = 5.60; 8" = 9.75; 10" = 15.40; 12" = 21.80
TUBING CAPACITY (L Per Ft): 1/16" = 0.001 ; 0.17" = 0.005 ; ¼" = 0.01 ; ⅜" = 0.022 ; ½" = 0.04 ; ⅝" = 0.06 ; ¾" = 0.09 ; ⅞" = 0.12 ; 1" = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. Hillyard /AECOM	SAMPLER(S) SIGNATURES:	DATE SAMPLED: 12/19/17	SAMPLING INITIATED AT: 1346
PUMP OR TUBING DEPTH IN WELL (feet): 10'	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1428
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-4/S	1	250mL	PE	HNO3	RCRA metals	PP
"	1	500mL	PE	—	Hex. Chromium	PP
"	1	500mL	PE	—	Chloride	PP
"	2	1L	AG	—	8270C-SIM	VT
"	2	40mL	CG	HCl	BTEX	RFPP

REMARKS:

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

SAMPLING / PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

LOW IMPACT GROUNDWATER SAMPLING LOG

SITE NAME:	SITE LOCATION:	
WELL NO: GW-29S	SAMPLE ID: GW-29S	DATE: 12/19/17

PURGING DATA

WELL DIAMETER (inches): 2"	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 7.18	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (15.16 feet – 7.18 feet) X 0.65 liters/foot ~ 5.2 liters

EQUIPMENT VOLUME PURGE: (1 EQUIPMENT VOLUME = (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = (20 feet X 0.005 liters/foot) + 0.4 liters ~ 0.5 liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1448	PURGING ENDED AT: 1754	TOTAL VOLUME PURGED (liters): 18L
WATER QUALITY INSTRUMENT(S):	HORIBA U-53	SERIAL NO(S):	JUDTN8L8	

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL. (4.00 SU, 4.49 mS/cm, 0.0 NTU)	~~Zobel (228 mV ORP Solution)~~	X Previously Calibrated		
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg/L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L m n	DEPTH TO WATER (feet	TEMP (C	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1457	0.5	0.5	0.15	7.49	22.0	5.62	88	0.129	27.8	0.19
	1501	1.5	2.0	0.15	—	21.2	5.55	57	0.123	341	0
	1511	1.5	3.5	0.15	8.79	21.3	5.54	75	0.130	675	0
	1521	1.5	5.0	0.15	9.28	21.4	5.57	58	0.141	693	0
	1531	1.5	6.5	0.15	9.77	21.4	5.56	48	0.150	969	0
	1541	1.5	8.0	0.15	10.28	21.4	5.56	36	0.151	>1000	0
	1551	1.5	9.5	0.15	10.73	21.4	5.61	10	0.179	784	0
	1601	1.5	11.0	0.15	11.17	21.5	5.68	5	0.189	807	0
	1611	1.5	12.5	0.15	—						

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): 0.75" = 0.10; 1" = 0.20; 1.25" = 0.30; 2" = 0.65; 3" = 1.45; 4" = 2.50; 5" = 3.90; 6" = 5.60; 8" = 9.75; 10" = 15.40; 12" = 21.80
TUBING CAPACITY (L Per Ft): 1/16" = 0.001 ; 0.17" = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; 1" = 0.16

NOTES: 1525 - Lower tubing to 12' BTOC.
1611 - Pulling air. Lower Tubing to 13' btoc
* Pulling mud. Discontinue parameters and surge, Pump at high speed to clear out mud,
1657 - Dry @ 14 L. Turb >1000 NTU. 1706 - DTW - 13.54' w 1.5' recharge. P-p dry.
1717 Dry @ 2 L.
1733 - DRY 14.10
1736 - Dry @ 1 L
1751 - DTW 14.38
1754 - Dry @ 1 L
Total purged 18 L.

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION	SAMPLER(S) SIGNATURES:	DATE SAMPLED:	SAMPLING INITIATED AT:
R. Hilliard/AECOM	[signature]	12/20/17	0721
PUMP OR TUBING DEPTH IN WELL (feet): 14'	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 0801
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION: # CONTAINERS	VOLUME	MATERIAL CODE	SAMPLE PRESERVATION: PRESERVATIVE USED	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GW-29S	1	250 mL	PE	HNO_3	RCRA metals	PP
"	1	500 mL	PE	—	Hex. Chromium	PP
"	1	500 mL	PE	—	Chloride	PP
"	2	1 L	AG	—	8270C-SIM	VT
"	2	40 mL	CG	HCl	BTEX	RFPP

REMARKS:
0718 - DTW - 10.18' (~3' ↓ static). Well vol ~ 3.25L, begin sampling (evacuate tubing vol (~100 mL) before beginning to fill bottles). Minimal turbidity.
* Turb beginning to increase (only slightly cloudy) in 8270s

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

SAMPLING / PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

LOW IMPACT GROUNDWATER SAMPLING LOG

SITE NAME: GDOT Walker St		SITE LOCATION: Douglas, GA	
WELL NO: GW-20 I	SAMPLE ID: GW-20I		DATE: 12/18/17

PURGING DATA

WELL DIAMETER (inches): 2"	WELL SCREEN INTERVAL DEPTH: 24 feet to 34 feet	STATIC DEPTH TO WATER (feet): 3.31	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (34.75 feet – 3.31 feet) X 0.65 liters/foot = 20.1 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = (40 feet X 0.005 liters/foot) + 0.4 liters = 0.6 liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29	PURGING INITIATED AT: 1070	PURGING ENDED AT: 1222	TOTAL VOLUME PURGED (ters): 14.5
WATER QUALITY INSTRUMENT(S): HORIBA U-53		SERIAL NO(S): JUDTN8L8		

CALIBRATION DETAILS:	Calibration Standards Used: AutoCAL (4.00 SU, 4.49 mS/cm, 0.0 NTU) ~~Zobel (228 mV ORP Solution)~~ = Previously Calibrated							
Precalibration Readings:	18.1 °C	3.95 SU	503 mV	4.64 mS/cm	0.00 NTU	7.93 mg/L		
Calibrated Readings:	18.1 °C	4.00 SU	504 mV	4.49 mS/cm	0.00 NTU	10.08 mg/L		

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
4.0	1027	0.6	0.6	0.2	4.70	20.8	5.53	425	0.037	20.2	0
4.0	1032	1.8	2.4	0.18	7.22	21.4	5.54	331	0.038	8.36	0
3.0	1037	0.6	3.0	0.12	7.99	21.2	5.55	319	0.039	11.7	0
3.0	1042	0.6	3.6	0.12	8.63	21.3	5.57	324	0.040	7.18	0
3.0	1047	0.6	4.2	0.12	9.18	21.4	5.61	328	0.040	6.69	0
3.0	1052	0.6	4.8	0.12	9.69	21.4	5.66	328	0.041	7.11	0
3.0	1057	0.6	5.4	0.12	10.05	21.5	5.71	325	0.042	6.17	0
3.0	1102	0.6	6.0	0.12	10.55	21.5	5.75	323	0.043	6.74	0.28
3.0	1107	0.6	6.6	0.12	10.92	21.6	5.78	319	0.043	6.48	0.62
3.0	1112	0.6	7.2	0.12	11.26	21.5	5.79	318	0.044	7.04	0.92
3.0	1117	0.6	7.8	0.12	11.54	21.6	5.78	313	0.043	7.01	0.95
3.0	1122	0.6	8.4	0.12	11.82	21.5	5.78	312	0.043	6.02	1.01
3.0	1127	0.6	9.0	0.12	12.04	21.5	5.77	307	0.043	7.67	0.84
2.8	1132	0.5	9.5	0.1	12.20	21.4	5.75	311	0.043	5.57	0.83
2.8	1137	0.5	10.0	0.1	12.30	21.4	5.75	309	0.043	5.75	0.84
2.8	1142	0.5	10.5	0.1	12.39	21.3	5.73	305	0.042	5.72	0.79
2.8	1147	0.5	11.0	0.1	12.46	21.4	5.73	310	0.041	6.10	0.78
2.8	1152	0.5	11.5	0.1	12.53	21.4	5.72	310	0.041	7.05	0.66
2.8	1157	0.5	12.0	0.1	12.55	21.3	5.71	307	0.041	6.09	0.55

☒ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): 0.75" = 0.10; 1" = 0.20; 1.25" = 0.30; 2" = 0.65; 3" = 1.45; 4" = 2.50; 5" = 3.90; 6" = 5.60; 8" = 9.75; 10" = 15.40; 12" = 21.80
TUBING CAPACITY (L Per Ft): 1/16" = 0.001 ; 0.17" = 0.005 ; ¼" = 0.01 ; ⅜" = 0.022 ; ½" = 0.04 ; ⅝" = 0.06 ; ¾" = 0.09 ; ⅞" = 0.12 ; 1" = 0.16

NOTES: 1032 - Reduce pump speed to decrease drawdown.

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±5%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5%

Optional:
- **Dissolved Oxygen:** 0.2 mg/L or 10% of saturation (whichever is greater)
- **Oxygen Reduction Potential:** ±20 milliVolts

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
2.8	1202	0.5	12.5	0.1	12.54	21.5	5.69	305	0.040	7.13	0.45
2.8	1207	0.5	13.0	0.1	12.53	21.4	5.69	304	0.040	6.89	0.32
2.8	1212	0.5	13.5	0.1	12.53	21.4	5.67	302	0.040	6.86	0.19
2.8	1217	0.5	14.0	0.1	12.53	21.5	5.66	300	0.040	6.31	0.08
2.8	1222	0.5	14.5	0.1	12.53	21.4	5.66	297	0.040	6.36	0

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- Turbidity: <10 NTU, or stable (±5%)
- pH: ± 0.1 SU
- Specific Conductance: ± 5%

Optional:
- Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
- Oxygen Reduction Potential: ±20 milliVolts

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. Hilliard /AECOM	SAMPLER(S) SIGNATURE(S):	DATE SAMPLED: 12/18/17	SAMPLING INITIATED AT: 1224
PUMP OR TUBING DEPTH IN WELL (feet): 29	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1302
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type: ____ FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION: # CONTAINERS	VOLUME	MATERIAL CODE	SAMPLE PRESERVATION: PRESERVATIVE USED	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
GW-20I	1	250mL	PE	HNO_3	RCRA metals	PP
GW-20I	1	500mL	PE	—	Cr^{6+}	PP
GW-20I	1	500mL	PE	—	Ion (Cl^-)	PP
GW-20I	2	1L	AG	—	8270C-SIM	VT
GW-20I	2	40mL	CG	HCl	8260-BTEX	RFPP

REMARKS:

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

SAMPLING / PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

LOW IMPACT GROUNDWATER SAMPLING LOG

SITE NAME: GDOT-Walker Street	SITE LOCATION: 213 Walker St. West, Douglas, GA	
WELL NO: GW-205	SAMPLE ID: GW-205	DATE: 12/18/17

PURGING DATA

WELL DIAMETER (inches): 2"	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 4.29	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (14.31 feet – 4.29 feet) X 0.65 liters/foot = 6.5 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = (20 feet X 0.005 liters/foot) + 0.4 liters = 0.5 liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1325	PURGING ENDED AT:	TOTAL VOLUME PURGED (liters):
WATER QUALITY INSTRUMENT(S):	HORIBA U-53	SERIAL NO(S):	JWDTN8L8	

CALIBRATION DETAILS:	Calibration Standards Used: AutoCAL (4.00 SU, 4.49 mS cm, 0.0 NTU) ~~Zobel (228 mV ORP Solution)~~ X Previously Calibrated					
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1329	0.5	0.5	0.12	4.60	21.0	6.20	33	0.319	14.1	1.48
3.0	1339	1.2	1.7	0.12	—	20.5	6.20	0	0.319	10.4	0
3.0	1349	1.2	2.9	0.12	—	20.3	6.17	3	0.313	8.68	0
3.0	1354	0.6	3.5	0.12	—	20.3	6.16	4	0.313	7.84	0
3.0	1359	0.6	4.1	0.12	—	20.5	6.16	3	0.314	5.69	0
3.0	1404	0.6	4.7	0.12	—	20.5	6.17	1	0.318	4.93	0
3.0	1409	0.6	5.3	0.12	—	20.6	6.19	-5	0.326	4.90	0.00
3.0	1414	0.6	5.9	0.12	6.89	20.7	6.22	-13	0.338	3.85	0
3.0	1419	0.6	6.5	0.12	7.08	20.7	6.25	-20	0.349	4.03	0
2.5	1424	0.5	7.0	0.10	7.31	20.8	6.28	-27	0.361	3.41	0
2.5	1429	0.5	7.8	0.10	7.48	20.9	6.30	-32	0.366	3.11	0
2.5	1434	0.5	8.3	0.10	7.66	21.0	6.31	-35	0.367	2.92	0
2.5	1439	0.5	8.8	0.10	7.80	21.2	6.32	-39	0.371	1.82	0
2.5	1444	0.5	9.3	0.10	7.95	21.3	6.31	-41	0.370	1.89	0
2.5	1449	0.5	9.8	0.10	8.08	21.4	6.31	-43	0.368	1.75	0
2.5	1454	0.5	10.3	0.10	8.19	21.4	6.31	-44	0.363	2.09	0
2.5	1459	0.5	10.8	0.10	8.23	21.4	6.30	-43	0.359	1.69	0
2.5	1504	0.5	11.3	0.10	8.25	21.7	6.30	-45	0.358	1.56	0
2.5	1509	0.5	11.8	0.10	8.26	21.7	6.30	-46	0.356	1.97	0

☒ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): 0.75" = 0.10; 1" = 0.20; 1.25" = 0.30; 2" = 0.65; 3" = 1.45; 4" = 2.50; 5" = 3.90; 6" = 5.60; 8" = 9.75; 10" = 15.40; 12" = 21.80
TUBING CAPACITY (L Per Ft): 1/16" = 0.001 ; 0.17" = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; 1" = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
2.5	1514	0.5	12.3	0.10	8.27	21.6	6.29	-47	0.353	2.93	0
2.5	1519	0.5	12.8	0.10	8.27	21.7	6.32	-41	0.347	5.38	0
2.5	1524	0.5	13.3	0.10	8.27	21.5	6.29	-37	0.345	3.19	0
2.5	1529	0.5	13.8	0.10	8.27	21.6	6.29	-40	0.350	1.66	0

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. Hilliard /AECOM	SAMPLER(S) SIGNATURES: [signature]	DATE SAMPLED: 12/18/17	SAMPLING INITIATED AT: 1533
PUMP OR TUBING DEPTH IN WELL (feet): 9	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1612
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type: ____	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-205	1	250mL	PE	HNO_3	RCRA metals	PP
"	1	500mL	PE	—	Hex. Chromium	PP
"	1	500mL	PE	—	Chloride	PP
"	2	1L	AG	—	8270C-SIM	VT
"	2	40mL	CG	HCl	BTEX	RFPP

REMARKS:

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

SAMPLING / PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

LOW IMPACT GROUNDWATER SAMPLING LOG

SITE NAME: GDOT - Walker St.		SITE LOCATION: 213 Walker St. W., Douglas, Ga	
WELL NO: GW-42I	SAMPLE ID: GW-42I / DUP-1	DATE: 12/18/17	

PURGING DATA

WELL DIAMETER (inches): 2"	WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 3.31'	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (30.50 feet - 3.31 feet) X 0.65 liters/foot = 17.7 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = (30 feet X 0.005 liters/foot) + 0.4 liters = 0.6 liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25	PURGING INITIATED AT: 1658	PURGING ENDED AT: 1801	TOTAL VOLUME PURGED (liters): 9.6
WATER QUALITY INSTRUMENT(S): HORIBA U-53		SERIAL NO(S): JWDTN8L8		

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL. (4.00 SU, 4.49 mS/cm, 0.0 NTU)	~~Zobel (228 mV ORP Solution)~~	X Previously Calibrated		
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND (mS cm	TURB D TY (NTUs)	DISSOLVED OXYGEN (mg L)
3.0	1701	0.6	0.4	0.2	3.57	22.2	5.55	124	0.050	9.52	1.20
3.0	1711	1.5	2.1	0.15	3.69	22.3	5.32	155	0.041	8.18	5.38
3.0	1721	1.5	3.6	0.15	3.73	22.2	5.30	158	0.040	8.32	5.79
3.0	1731	1.5	5.1	0.15	3.76	22.5	5.29	162	0.040	6.98	5.84
3.0	1736	0.75	5.85	0.15	3.78	22.2	5.29	164	0.040	6.81	5.99
3.0	1741	0.75	6.60	0.15	3.80	22.3	5.28	170	0.040	5.66	6.10
3.0	1746	0.75	7.35	0.15	3.80	22.5	5.28	171	0.040	5.68	6.20
3.0	1751	0.75	8.10	0.15	3.81	22.4	5.29	174	0.040	5.52	6.39
3.0	1756	0.75	8.85	0.15	3.81	22.6	5.28	177	0.039	5.64	6.47
3.0	1801	0.75	9.60	0.15	3.81	22.4	5.28	180	0.039	3.73	6.45

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): 0.75" = 0.10; 1" = 0.20; 1.25" = 0.30; 2" = 0.65; 3" = 1.45; 4" = 2.50; 5" = 3.90; 6" = 5.60; 8" = 9.75; 10" = 15.40; 12" = 21.80
TUBING CAPACITY (L Per Ft): 1/16" = 0.001 ; 0.17" = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; 1" = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±5%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5%

Optional:
- **Dissolved Oxygen:** 0.2 mg/L or 10% of saturation (whichever is greater)
- **Oxygen Reduction Potential:** ±20 milliVolts

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	DATE SAMPLED:	SAMPLING INITIATED AT:
R. Hilliard /AECOM		12/18/17	1207
PUMP OR TUBING DEPTH IN WELL (feet): 25'	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1909
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:		DUPLICATE: Y (N)

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
PUP-1/GW1-42I	2	250mL	PE	HNO3	RCRA metals	PP
"	2	500mL	PE	—	Hex. Chromium	PP
"	2	500mL	PE	—	Chloride	PP
"	24	1L	AG	—	8270C-SIM	VT
"	24	40mL	CG	HCl	BTEX	RFPP
"						

REMARKS:

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

SAMPLING / PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

LOW IMPACT GROUNDWATER SAMPLING LOG

SITE NAME: GDOT-Walker St.	SITE LOCATION: 213 Walker St. W., Douglas, GA
WELL NO: GW-43I	SAMPLE ID: GW-43I	DATE: 12/19/17

PURGING DATA

WELL DIAMETER (inches): 2"	WELL SCREEN INTERVAL DEPTH: 20.5 feet to 30.5 feet	STATIC DEPTH TO WATER (feet): 3.97	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (30.80 feet – 3.97 feet) X 0.65 liters/foot = 17.4 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = (35 feet X 0.005 liters/foot) + 0.4 liters = 0.6 liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25	PURGING INITIATED AT: 0736	PURGING ENDED AT: 0905	TOTAL VOLUME PURGED (liters): 10.8

WATER QUALITY INSTRUMENT(S): HORIBA U-53	SERIAL NO(S): 5UDTN8L8

CALIBRATION DETAILS:	Calibration Standards Used	AutoCAL. (4.00 SU, 4.49 mS/cm, 0.0 NTU)	~~Zobel (228 mV ORP Solution)~~	Previously Calibrated

Precalibration Readings:	20.7 °C	4.02 SU	397 mV	4.48 mS/cm	0.00 NTU	7.69 mg L
Calibrated Readings:	20.2 °C	4.00 SU	399 mV	4.49 mS/cm	0.00 NTU	9.42 mg L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND (mS cm	TURB DITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	0740	0.6	0.6	0.15	4.35	20.5	4.75	338	0.164	13.3	0
3.0	0750	1.2	1.8	0.12	4.72	20.6	4.75	311	0.164	7.32	0
3.0	0755	0.6	2.4	0.12	4.79	20.7	4.75	307	0.163	7.54	0
3.0	0810	1.8	4.2	0.12	4.79	20.7	4.75	296	0.161	3.42	0
3.0	0815	0.6	4.8	0.12	4.78	20.6	4.76	294	0.161	3.57	0
3.0	0820	0.6	5.4	0.12	4.91	21.0	4.75	294	0.160	2.37	0
3.0	0825	0.6	6.0	0.12	4.98	21.1	4.76	295	0.160	0.94	0
3.0	0830	0.6	6.6	0.12	5.03	21.0	4.75	296	0.160	1.44	0
3.0	0835	0.6	7.2	0.12	5.05	21.1	4.75	295	0.160	0.03	0
3.0	0840	0.6	7.8	0.12	5.07	21.1	4.76	293	0.160	0.42	0
3.0	0845	0.6	8.4	0.2	5.10	21.1	4.76	290	0.160	0.15	0
3.0	0850	0.6	9.0	0.2	5.10	21.2	4.77	287	0.159	0.00	0
3.0	0855	0.6	9.6	0.2	5.11	21.3	4.77	281	0.159	0.50	0
3.0	0900	0.6	10.2	0.2	5.11	21.2	4.77	277	0.158	0.00	0
3.0	0905	0.6	10.8	0.2	5.11	21.3	4.78	271	0.157	0.00	0

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): 0.75" = 0.10; 1" = 0.20; 1.25" = 0.30; 2" = 0.65; 3" = 1.45; 4" = 2.50; 5" = 3.90; 6" = 5.60; 8" = 9.75; 10" = 15.40; 12" = 21.80
TUBING CAPACITY (L Per Ft): 1/16" = 0.001 ; 0.17" = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; 1" = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±5%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5%

Optional:
- **Dissolved Oxygen:** 0.2 mg/L or 10% of saturation (whichever is greater)
- **Oxygen Reduction Potential:** ±20 milliVolts

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. Hillcard/AECOM	SAMPLER(S) SIGNATURES:	DATE SAMPLED: 12/19/17	SAMPLING INITIATED AT: 0909
PUMP OR TUBING DEPTH IN WELL (feet): 25	SAMPLE PUMP FLOW RATE (L per minute): 0.12/0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 0948
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: (Y) N	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-43I	1	250mL	PE	HNO_3	RCRA metals	PP
"	1	500mL	PE	—	Hex. Chromium	PP
"	1	500mL	PE	—	Chloride	PP
"	2	1L	AG	—	8270C-SIM	VT
"	2	40mL	CG	HCl	BTEX	RFPP

REMARKS:

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

SAMPLING / PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

LOW IMPACT GROUNDWATER SAMPLING LOG

SITE NAME: GDOT-Walker St.	SITE LOCATION: 213 Walker St W, Douglas, Ga.	
WELL NO: GW-32I	SAMPLE ID: GW-32I	DATE: 12/19/17

PURGING DATA

WELL DIAMETER (inches): 2"	WELL SCREEN INTERVAL DEPTH: 25 feet to 35 feet	STATIC DEPTH TO WATER (feet): 4.77	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (35.08 feet – 4.77 feet) X 0.65 liters/foot = 19.7 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = (35 feet X 0.005 liters/foot) + 0.4 liters = 0.6 liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30	PURGING INITIATED AT: 1010	PURGING ENDED AT: 1148	TOTAL VOLUME PURGED (liters): 13.1
WATER QUALITY INSTRUMENT(S):	HORIBA U-53	SERIAL NO(S):	JWDTN8L8	

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL. (4.00 SU, 4.49 mS/cm, 0 0 NTU)	~~Zobel (228 mV ORP Solution)~~	X Previously Calibrated		
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg/L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1013	0.6	0.6	0.2	5.38	21.0	4.67	340	0.383	16.0	0.97
3.0	1023	1.5	2.1	0.15	7.12	21.3	4.58	194	0.372	40.6	0
3.0	1033	1.5	3.6	0.15	8.31	21.5	4.36	212	0.353	16.7	0
3.0	1043	1.5	5.1	0.15	9.17	21.6	4.32	230	0.345	5.39	0
3.0	1048	0.75	5.85	0.15	9.55	21.5	4.34	241	0.362	3.49	0.81
3.0	1053	0.75	6.60	0.15	9.82	21.6	4.35	251	0.373	2.75	1.92
3.0	1058	0.75	7.35	0.15	10.04	21.6	4.37	267	0.385	2.76	2.98
3.0	1103	0.75	8.10	0.15	10.20	21.6	4.40	272	0.403	1.92	4.58
3.0	1108	0.75	8.85	0.15	10.33	21.6	4.43	265	0.415	2.01	5.56
3.0	1113	0.75	9.60	0.15	10.36	21.5	4.44	272	0.429	1.13	6.53
2.7	1118	0.5	10.10	0.10	10.35	21.5	4.47	272	0.443	1.43	7.49
2.7	1123	0.5	10.60	0.10	10.36	21.6	4.48	268	0.449	2.16	8.06
2.7	1128	0.5	11.10	0.10	10.35	21.6	4.48	278	0.462	1.72	8.84
2.7	1133	0.5	11.60	0.10	10.35	21.7	4.50	280	0.471	2.94	9.25
2.7	1138	0.5	12.10	0.10	10.35	21.6	4.50	292	0.486	1.98	10.45
2.7	1143	0.5	12.60	0.10	10.35	21.7	4.51	292	0.493	1.86	10.53
2.7	1148	0.5	13.10	0.10	10.35	21.7	4.52	290	0.494	2.12	10.41

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): 0.75" = 0.10; 1" = 0.20; 1.25" = 0.30; 2" = 0.65; 3" = 1.45; 4" = 2.50; 5" = 3.90; 6" = 5.60; 8" = 9.75; 10" = 15.40; 12" = 21.80
TUBING CAPACITY (L Per Ft): 1/16" = 0.001 ; 0.17" = 0.005 ; ¼" = 0.01 ; ⅜" = 0.022 ; ½" = 0.04 ; ⅝" = 0.06 ; ¾" = 0.09 ; ⅞" = 0.12 ; 1" = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±5%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5%

Optional:
- **Dissolved Oxygen:** 0.2 mg/L or 10% of saturation (whichever is greater)
- **Oxygen Reduction Potential:** ±20 milliVolts

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- Turbidity: <10 NTU, or stable (±5%)
- pH: ± 0.1 SU
- Specific Conductance: ± 5%

Optional:
- Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
- Oxygen Reduction Potential: ±20 milliVolts

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. Hilliard /AECOM	SAMPLER(S) SIGNATURE(S):	DATE SAMPLED: 12/19/17	SAMPLING INITIATED AT: 1152
PUMP OR TUBING DEPTH IN WELL (feet): 30	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1239
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-32I	1	250mL	PE	HNO_3	RCRA metals	PP
"	1	500mL	PE	—	Hex. Chromium	PP
"	1	500mL	PE	—	Chloride	PP
"	2	1 L	AG	—	8270C-SIM	VT
"	2	40mL	CG	HCl	BTEX	RFPP

REMARKS:

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

SAMPLING / PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

LOW IMPACT GROUNDWATER SAMPLING LOG

SITE NAME: GDOT - Walker Street		SITE LOCATION: West Walker St. Douglas Cnty	
WELL NO: GW-31I	SAMPLE ID: GW-31I		DATE: 12/20/17

PURGING DATA

WELL DIAMETER (inches): 2"	WELL SCREEN INTERVAL DEPTH: 25 feet to 35 feet	STATIC DEPTH TO WATER (feet): 3.95	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (35.37 feet – 3.95 feet) X 0.65 liters foot ~ 20.4 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = (40 feet X 0.005 liters/foot) + 0.4 liters ~ 0.6 liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30	FINAL PUMP OR TUBING DEPTH IN WELL (feet) 30	PURGING INITIATED AT: 0837	PURGING ENDED AT: 1031	TOTAL VOLUME PURGED (liters): 14.7
WATER QUALITY INSTRUMENT(S): HORIBA U-53		SERIAL NO(S): JUD7N8L8		

CALIBRATION DETAILS:	Calibration Standards Used: AutoCAL (4.00 SU, 4.49 mS/cm, 0.0 NTU) ~~Zobel (228 mV ORP Solution)~~ = Previously Calibrated									
Precalibration Readings:	17.5 °C	3.96	SU	386	mV	4.50	mS/cm	0.00	NTU	13.36 mg/L
Calibrated Readings:	17.5 °C	4.00	SU	385	mV	4.49	mS/cm	0.00	NTU	10.57 mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min	DEPTH TO WATER (feet	TEMP (C	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	0840	0.4	0.4	0.2	4.45	20.3	5.86	24	0.232	9.16	0
3.0	0850	1.5	2.1	0.15	6.15	21.2	5.93	-40	0.240	5.86	0
3.0	0900	1.5	3.6	0.15	7.56	21.4	5.92	-44	0.234	15.5	0
3.0	0905	0.75	4.35	0.15	8.04	21.2	5.91	-41	0.227	17.9	0
3.0	0910	0.75	5.10	0.15	8.58	21.4	5.90	-40	0.220	22.7	0
3.0	0915	0.75	5.85	0.15	9.00	21.4	5.90	-32	0.212	25.2	0
3.0	0920	0.75	6.60	0.15	9.37	21.6	5.89	-26	0.206	21.3	0
3.0	0925	0.75	7.45	0.15	9.71	21.5	5.88	-20	0.201	22.2	0
3.0	0930	0.75	8.10	0.15	10.01	21.4	5.88	-14	0.198	22.5	0
3.0	0935	0.75	8.85	0.15	10.27	21.4	5.87	-10	0.197	14.4	0
3.0	0940	0.75	9.60	0.15	10.49	21.5	5.87	-7	0.193	19.8	0
2.7	0945	0.5	10.10	0.10	10.60	21.5	5.86	-5	0.193	19.0	0
2.7	0950	0.5	10.60	0.10	10.68	21.4	5.86	-5	0.192	14.2	0
2.7	0955	0.5	11.10	0.10	10.77	21.4	5.86	-5	0.191	13.2	0
2.7	1000	0.5	11.60	0.10	10.84	21.5	5.86	-6	0.190	12.7	0
2.7	1005	0.5	12.10	0.10	10.90	21.5	5.86	-5	0.188	18.8	0
2.7	1010	0.5	12.60	0.10	10.99	21.5	5.85	-8	0.189	14.1	0
2.7	1015	0.5	13.10	0.10	11.01	21.4	5.85	-6	0.188	12.2	0
2.7	1020	0.5	13.60	0.10	10.99	21.4	5.84	-6	0.187	9.91	0

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): 0.75" = 0.10; 1" = 0.20; 1.25" = 0.30; 2" = 0.65; 3" = 1.45; 4" = 2.50; 5" = 3.90; 6" = 5.60; 8" = 9.75; 10" = 15.40, 12" = 21.80
TUBING CAPACITY (L Per Ft): 1/16" = 0.001 ; 0.17" = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; 1" = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±5%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5%

Optional:
- **Dissolved Oxygen:** 0.2 mg/L or 10% of saturation (whichever is greater)
- **Oxygen Reduction Potential:** ±20 milliVolts

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
2.7	1025	0.5	14.10	0.10	10.98	21.4	5.85	-6	0.187	9.77	0
2.7	1030	0.5	14.60	0.10	10.98	21.6	5.84	-8	0.186	8.76	0

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. Hilliard/AECOM	SAMPLER(S) SIGNATURE(S):	DATE SAMPLED: 12/20/17	SAMPLING INITIATED AT: 1032
PUMP OR TUBING DEPTH IN WELL (feet): 30	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1103
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-31I	1	250mL	PE	HNO_3	RCRA metals	PP
"	1	500mL	PE	—	Hex Chromium	PP
"	1	500mL	PE	—	Chloride	PP
"	2	1 L	AG	—	8270C-SIM	VT
"	2	40 mL	CG	HCl	BTEX	RFPP

REMARKS:

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

SAMPLING / PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

LOW IMPACT GROUNDWATER SAMPLING LOG

SITE NAME: GDOT-Walker St.	SITE LOCATION: 213 Walker St. W., Douglas, Ga.	
WELL NO: GW-44I	SAMPLE ID: GW-44I	DATE: 12/20/17

PURGING DATA

WELL DIAMETER (inches): 2"	WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 5.03	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (30.66 feet – 5.03 feet) X 0.65 liters/foot ~ 16.7 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = (40 feet X 0.005 liters/foot) + 0.4 liters ~ 0.6 liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25	PURGING INITIATED AT: 1136	PURGING ENDED AT: 1309	TOTAL VOLUME PURGED (liters): 11.4
WATER QUALITY INSTRUMENT(S):	HORIBA U-53	SERIAL NO(S):	JUDTN848	

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL (4.00 SU, 4.49 mS/cm, 0.0 NTU)	~~Zobel (228 mV ORP Solution)~~	X Previously Calibrated		
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1139	0.6	0.6	0.2	5.63	21.9	5.27	119	0.383	6.21	0.49
3.0	1149	1.5	2.1	0.15	6.71	22.1	5.21	83	0.384	30.5	0
3.0	1159	1.5	3.6	0.15	7.59	22.2	5.20	69	0.384	11.5	0
3.0	1209	1.5	5.1	0.15	8.80	22.2	5.23	51	0.387	5.80	0
3.0	1214	0.75	5.85	0.15	9.63	22.3	5.23	47	0.385	4.66	0
2.7	1219	0.50	6.35	0.10	10.17	22.5	5.23	45	0.384	4.83	0
2.7	1224	0.50	6.85	0.10	11.08	22.8	5.23	39	0.384	4.06	0
2.7	1229	0.50	7.35	0.10	11.76	22.9	5.23	38	0.383	3.90	0
2.7	1234	0.5	7.85	0.10	12.25	23.0	5.23	39	0.383	3.30	0.
2.7	1239	0.5	8.35	0.10	12.47	22.9	5.23	36	0.386	3.40	0
2.7	1244	0.5	8.85	0.10	12.60	22.8	5.23	39	0.386	3.14	0
2.7	1249	0.5	9.35	0.10	12.70	23.2	5.23	34	0.384	2.57	0
2.7	1254	0.5	9.85	0.10	12.74	23.4	5.23	32	0.385	2.27	0
2.7	1259	0.5	10.35	0.10	12.73	23.6	5.23	28	0.382	2.43	0
2.7	1304	0.5	10.85	0.10	12.73	23.8	5.23	25	0.381	2.26	0
2.7	1309	0.5	11.35	0.10	12.73	23.5	5.23	25	0.382	1.56	0

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): 0.75" = 0.10; 1" = 0.20; 1.25" = 0.30; 2" = 0.65; 3" = 1.45; 4" = 2.50; 5" = 3.90; 6" = 5.60; 8" = 9.75; 10" = 15.40; 12" = 21.80
TUBING CAPACITY (L Per Ft): 1/16" = 0.001 ; 0.17" = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; 1" = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±5%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5%

Optional:
- **Dissolved Oxygen:** 0.2 mg/L or 10% of saturation (whichever is greater)
- **Oxygen Reduction Potential:** ±20 milliVolts

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	DATE SAMPLED:	SAMPLING INITIATED AT:
R. Hilliard /AECOM		12/20/17	1310
PUMP OR TUBING DEPTH IN WELL (feet): 25	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1354
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW1-44I	1	250mL	PE	HNO_3	RCRA metals	PP
"	1	500mL	PE	—	Hex. Chromium	PP
"	1	500mL	PE	—	Chloride	PP
"	2	1L	AG	—	8270C-SIM	VT
"	2	40mL	CG	HCl	BTEX	RFPP

REMARKS:
*High winds

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

SAMPLING / PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

LOW IMPACT GROUNDWATER SAMPLING LOG

SITE NAME: GDOT-Walker Street	SITE LOCATION: 213 Walker St. W., Douglas, Ga	
WELL NO: GW-28I	SAMPLE ID: GW-28I	DATE: 12/20/17

PURGING DATA

WELL DIAMETER (inches): 2"	WELL SCREEN INTERVAL DEPTH: 19 feet to 29 feet	STATIC DEPTH TO WATER (feet): 4.32	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (29.35 feet – 4.32 feet) X 0.65 liters/foot = 16.3 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = (30 feet X 0.005 liters/foot) + 0.4 liters = 0.6 liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24	PURGING INITIATED AT: 1417	PURGING ENDED AT: 1551	TOTAL VOLUME PURGED (liters): 14.25
WATER QUALITY INSTRUMENT(S):	HORIBA U-53	SERIAL NO(S):	JUD TNS8L8	

CALIBRATION DETAILS:	Calibration Standards Used	AutoCAL. (4.00 SU, 4.49 mS/cm, 0.0 NTU)	~~Zobel (228 mV ORP Solution)~~	X Previously Calibrated		
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg L

FIELD DATA TABLE

PUMP SETTING + / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND (mS/cm)	TURB D TY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1420	0.6	0.6	0.2	4.88	23.3	5.50	205	0.127	8.86	48.63
3.0	1430	1.5	2.1	0.15	5.90	22.1	4.90	336	0.123	10.3	42.29
3.0	1440	1.5	3.6	0.15	6.40	22.1	5.64	312	0.139	18.4	29.51
3.0	1450	1.5	5.1	0.15	6.65	22.1	5.63	316	0.149	21.1	27.43
3.0	1455	0.75	5.85	0.15	6.77	22.1	5.57	322	0.154	21.7	31.15
3.0	1500	0.75	6.60	0.15	6.88	22.1	5.53	328	0.161	21.1	30.66
3.0	1505	0.75	7.35	0.15	6.95	22.1	5.48	332	0.164	18.2	30.56
3.0	1510	0.75	8.10	0.15	7.00	22.1	5.46	337	0.166	18.6	32.26
3.0	1515	0.75	8.85	0.15	7.04	22.1	5.43	340	0.163	19.2	32.29
3.0	1520	0.75	9.60	0.15	7.03	22.2	5.41	341	0.165	17.3	32.49
3.0	1525	0.75	10.35	0.15	7.02	22.3	5.39	342	0.165	12.6	32.59
3.0	1530	0.75	11.10	0.15	7.02	22.3	5.37	344	0.166	11.7	35.17
3.0	1535	0.75	11.85	0.15	7.02	22.3	5.32	349	0.170	9.07	32.43
3.0	1540	0.75	12.60	0.15	7.01	22.3	5.31	351	0.174	7.21	34.14
3.0	1545	0.75	13.35	0.15	7.01	22.3	5.31	353	0.173	8.65	31.76
3.0	1550	0.75	14.10	0.15	7.01	22.3	5.30	354	0.174	8.42	31.35

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): 0.75" = 0.10; 1" = 0.20; 1.25" = 0.30; 2" = 0.65; 3" = 1.45; 4" = 2.50, 5" = 3 90; 6" = 5.60, 8" = 9.75, 10" = 15 40, 12" = 21.80
TUBING CAPACITY (L Per Ft): 1/16" = 0.001 ; 0.17" = 0 005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0 12 ; 1" = 0.16

NOTES: 1550- All stable. DO ± 10%

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±5%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5%

Optional:
- **Dissolved Oxygen:** 0.2 mg/L or 10% of saturation (whichever is greater)
- **Oxygen Reduction Potential:** ±20 milliVolts

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	DATE SAMPLED:	SAMPLING INITIATED AT:
R. Hilliard /AECOM		10/20/17	1554
PUMP OR TUBING DEPTH IN WELL (feet): 24	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1632
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type: ____	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-28I	1	250mL	PE	HNO_3	RCRA metals	PP
GW-28I	1	500mL	PE	—	Hex. Chromium	PP
"	1	500mL	PE	—	Chloride	PP
"	2	1L	AG	—	8270C-SIM	VT
"	2	40mL	CG	HCl	BTEX	RFPP

REMARKS:

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

SAMPLING / PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

LOW IMPACT GROUNDWATER SAMPLING LOG

SITE NAME: GDOT-Walker Street	SITE LOCATION: 213 Walker St. W., Douglas, GA		
WELL NO: GW-27I	SAMPLE ID: GW-27I/ms/msD	DATE: 12/20/17	

PURGING DATA

WELL DIAMETER (inches): 2"	WELL SCREEN INTERVAL DEPTH: 19 feet to 29 feet	STATIC DEPTH TO WATER (feet): 5.61	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (29.65 feet – 5.61 feet) X 0.65 liters/foot = 15.6 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = (35 feet X 0.005 liters/foot) + 0.4 liters = 0.6 liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24	PURGING INITIATED AT: 1649	PURGING ENDED AT: 1813	TOTAL VOLUME PURGED (liters): 11.8
WATER QUALITY INSTRUMENT(S):	HORIBA U-53	SERIAL NO(S):	JU0TN8L8	

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL. (4.00 SU, 4.49 mS/cm, 0.0 NTU)	~~Zobel (228 mV ORP Solution)~~	X Previously Calibrated		
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg/L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1653	0.6	0.6	0.15	5.98	21.6	6.06	-15	0.460	15.8	5.44
3.0	1703	1.4	2.0	0.14	6.96	21.1	5.97	-29	0.462	5.48	0
3.0	1713	1.4	3.4	0.14	7.35	21.1	5.95	-25	0.445	3.63	0
3.0	1723	1.4	4.8	0.14	7.57	21.1	5.91	-21	0.423	4.26	0
3.0	1728	0.7	5.5	0.14	7.55	21.1	5.89	-20	0.418	3.47	0
3.0	1733	0.7	6.2	0.14	7.59	21.1	5.86	-18	0.412	3.99	0
3.0	1738	0.7	6.9	0.14	7.60	21.1	5.83	-16	0.409	3.39	0
3.0	1743	0.7	7.6	0.14	7.62	21.1	5.82	-16	0.404	3.63	0
3.0	1748	0.7	8.3	0.14	7.62	21.1	5.79	-15	0.407	3.32	0
3.0	1753	0.7	9.0	0.14	7.61	21.1	5.78	-15	0.399	3.74	0
3.0	1758	0.7	9.7	0.14	7.62	21.0	5.77	-13	0.399	2.49	0
3.0	1803	0.7	10.4	0.14	7.64	21.0	5.76	-13	0.400	2.72	0
3.0	1808	0.7	11.1	0.14	7.64	20.8	5.75	-12	0.397	2.13	0
3.0	1813	0.7	11.8	0.14	7.64	20.7	5.74	-11	0.397	2.26	0

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): **0.75"** = 0.10; **1"** = 0.20; **1.25"** = 0.30; **2"** = 0.65; **3"** = 1.45; **4"** = 2.50; **5"** = 3.90; **6"** = 5.60; **8"** = 9.75; **10"** = 15.40; **12"** = 21.80
TUBING CAPACITY (L Per Ft): **1/16"** = 0.001 ; **0.17"** = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; **1"** = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. Hillers /AECOM	SAMPLER(S) SIGNATURES:	DATE SAMPLED: 12/20/17	SAMPLING INITIATED AT: 1817
PUMP OR TUBING DEPTH IN WELL (feet): 24	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 2009
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: (Y) N	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-27I-[illegible]	3	250mL	PE	HNO_3	RCRA Metals	PP
"	3	500mL	PE	—	Hex. Chromium	PP
"	3	500mL	PE	—	Chloride	PP
"	6	1L	AG	—	8270C-SIM	VT
"	6	40mL	CG	HCl	BTEX	RFPP

REMARKS:

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

SAMPLING / PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

LOW IMPACT GROUNDWATER SAMPLING LOG

SITE NAME: GaDOT - Walker Street	SITE LOCATION: 213 Walker St. W., Douglas, GA	
WELL NO: GW-24I	SAMPLE ID: GW-24I	DATE: 12/21/17

PURGING DATA

WELL DIAMETER (inches): 2"	WELL SCREEN INTERVAL DEPTH: 25 feet to 35 feet	STATIC DEPTH TO WATER (feet): 5.35'	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (35.05 feet – 5.35 feet) X 0.65 liters/foot = 19.3 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = (40 feet X 0.005 liters/foot) + 0.4 liters = 0.6 liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30	PURGING INITIATED AT: 0737	PURGING ENDED AT: 0900	TOTAL VOLUME PURGED (liters): 11.7
WATER QUALITY INSTRUMENT(S):	HORIBA U-53	SERIAL NO(S):	JWDTN8L8	

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL. (4.00 SU, 4.49 mS/cm, 0.0 NTU)	~~Zobel (228 mV ORP Solution)~~	Previously Calibrated			
Precalibration Readings:	18.2 °C	4.03 SU	369 mV	4.44 mS/cm	0.00 NTU	8.33 mg/L	
Calibrated Readings:	18.1 °C	4.00 SU	353 mV	4.49 mS/cm	0.00 NTU	9.06 mg/L	

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	0740	0.6	0.6	0.2	5.93	19.2	5.62	14	0.165	7.28	0.68
3.0	0750	1.5	2.1	0.15	7.49	20.0	5.70	-44	0.128	3.76	0
3.0	0800	1.2	3.3	0.12	8.80	20.1	5.69	-35	0.117	3.93	0
3.0	0810	1.2	4.5	0.12	9.14	20.0	5.72	-40	0.118	3.86	0
3.0	0815	0.7	5.2	0.14	9.36	20.2	5.73	-41	0.118	3.33	0
3.0	0820	0.7	5.9	0.14	9.53	20.2	5.73	-39	0.120	3.26	0
3.0	0825	0.7	6.6	0.14	9.67	20.2	5.72	-41	0.122	3.15	0
3.0	0830	0.7	7.3	0.14	9.79	20.3	5.70	-37	0.124	2.73	0
3.0	0835	0.7	8.0	0.14	9.87	20.3	5.67	-31	0.125	2.80	0
3.0	0840	0.7	8.7	0.14	9.93	20.4	5.65	-22	0.127	2.45	0
3.0	0845	0.7	9.4	0.14	9.97	20.2	5.62	-14	0.128	2.38	0
3.0	0850	0.7	10.3	0.14	9.96	20.1	5.61	-10	0.130	1.79	0
3.0	0855	0.7	11.0	0.14	9.97	20.1	5.59	-9	0.131	1.96	0
3.0	0900	0.7	11.7	0.14	9.97	20.2	5.57	-5	0.131	1.92	0

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): **0.75"** = 0.10; **1"** = 0.20; **1.25"** = 0.30; **2"** = 0.65; **3"** = 1.45; **4"** = 2.50; **5"** = 3.90; **6"** = 5.60; **8"** = 9.75; **10"** = 15.40; **12"** = 21.80
TUBING CAPACITY (L Per Ft): **1/16"** = 0.001 ; **0.17"** = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; **1"** = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±5%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5%

Optional:
- **Dissolved Oxygen:** 0.2 mg/L or 10% of saturation (whichever is greater)
- **Oxygen Reduction Potential:** ±20 milliVolts

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. Hilliard /AECOM	SAMPLER(S) SIGNATURES:	DATE SAMPLED: 12/21/17	SAMPLING INITIATED AT: 0903
PUMP OR TUBING DEPTH IN WELL (feet): 30	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 0941
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:		DUPLICATE: Y (N)

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-24I	1	250mL	PE	HNO_3	RCRA metals	PP
"	1	500mL	PE	—	Hex. Chromium	PP
"	1	500mL	PE	—	Chloride	PP
"	2	1L	AG	—	8270C-SIM	VT
"	2	40mL	CG	HCl	BTEX	RFPP

REMARKS:

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

SAMPLING / PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

LOW IMPACT GROUNDWATER SAMPLING LOG

SITE NAME: GDOT-Walker Street	SITE LOCATION: 213 Walker St. W., Douglas, GA	
WELL NO: GW-33I	SAMPLE ID: GW-33I	DATE: 12/21/17

PURGING DATA

WELL DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH:	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
2"	25 feet to 35 feet	4.70	Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (35.30 feet – 4.70 feet) X 0.65 liters/foot ~ 19.9 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = (40 feet X 0.005 liters/foot) + 0.4 liters ~ 0.6 liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (liters):
30	30	0959	1103	9.7

WATER QUALITY INSTRUMENT(S):	HORIBA U-53	SERIAL NO(S):	JUDTX8L8

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL. (4.00 SU, 4.49 mS/cm, 0.0 NTU)	~~Zobel (228 mV ORP Solution)~~	X Previously Calibrated		
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg/L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1002	0.4	0.4	0.2	5.27	20.1	6.29	-39	0.197	19.8	1.12
3.0	1013	1.4	2.2	0.15	5.43	20.4	6.22	-76	0.199	17.0	6
3.0	1023	1.5	3.7	0.15	5.41	20.3	5.66	67	0.116	19.0	0
3.0	1033	1.5	5.2	0.15	5.43	20.6	5.40	136	0.094	12.5	13.48
3.0	1043	1.5	6.7	0.15	5.43	20.8	5.34	176	0.090	5.50	15.83
3.0	1048	0.75	7.45	0.15	5.43	20.6	5.33	185	0.089	4.78	15.88
3.0	1053	0.75	8.20	0.15	5.42	20.5	5.33	190	0.088	4.22	16.02
3.0	1058	0.75	8.95	0.15	5.42	20.6	5.33	196	0.087	3.72	15.99
3.0	1103	0.75	9.70	0.15	5.42	20.6	5.33	202	0.086	4.77	15.97

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): **0.75"** = 0.10; **1"** = 0.20; **1.25"** = 0.30; **2"** = 0.65; **3"** = 1.45; **4"** = 2.50; **5"** = 3.90; **6"** = 5.60; **8"** = 9.75; **10"** = 15.40; **12"** = 21.80
TUBING CAPACITY (L Per Ft): **1/16"** = 0.001 ; **0.17"** = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; **1"** = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
Turbidity: <10 NTU, or stable (±5%)
pH: ± 0.1 SU
Specific Conductance: ± 5%

Optional:
Dissolved Oxygen: 0.2 mg/L or 10% of saturation (whichever is greater)
Oxygen Reduction Potential: ±20 milliVolts

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

CHEMICAL PARAMETER STABILIZATION CRITERIA (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±5%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5%

Optional:
- **Dissolved Oxygen:** 0.2 mg/L or 10% of saturation (whichever is greater)
- **Oxygen Reduction Potential:** ±20 milliVolts

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. Hilliard/AECOM	SAMPLER(S) SIGNATURES:	DATE SAMPLED: 12/21/17	SAMPLING INITIATED AT: 1107
PUMP OR TUBING DEPTH IN WELL (feet): 30	SAMPLE PUMP FLOW RATE (L per minute): 0.15/0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1157
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GWI-33I	1	250mL	PE	HNO_3	RCRA Metals	PP
"	1	500mL	PE	—	Hex. Chromium	PP
"	1	500mL	PE	—	Chloride	PP
"	2	1L	AG	—	8270C-SIM	VT
"	2	40mL	CG	HCl	BTEX	RFPP

REMARKS:

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

SAMPLING / PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

Appendix B2
March 2018 Sampling Event

FLUID MEASUREMENT FIELD DATA

SHEET: 1 of 1

DATE: 3/12/18	PROJECT NAME: **GDOT Walker Street**	PROJECT NO: 60440866.00000
WATER LEVEL MEASUREMENT INSTRUMENT: Heron H.OIL		SERIAL NO:
PRODUCT DETECTION INSTRUMENT: Heron H.OIL		SERIAL NO:

EQUIP. DECON: ☐ ALCONOX WASH ☐ DIST/DEION 1 RINSE ☐ ISOPROPANOL ☐ ANALYTE FREE FINAL RINSE ☐ TAP WATER FINAL RINSE
☐ TAP WATER WASH ☐ LIQUINOX WASH ☐ DIST/DEION 2 RINSE ☐ OTHER SOLVENT ☐ DIST/DEION FINAL RINSE ☐ AIR DRY

WELL NUMBER	TOP OF CASING ELEVATION	WELL DEPTH BELOW TOC	DEPTH TO WATER BELOW TOC	DEPTH TO PRODUCT BELOW TOC	PRODUCT THICKNESS	WATER TABLE ELEVATION		ACTUAL TIME
GW-20SR			1.54					
GW-20IR			1.47					
GW-24IR			4.32					
GW-27I			3.88					
GW-28I			3.33					
GW-29S			3.83					
GW-31I			1.85					
GW-32I			3.55					
GW-33I			3.38					
GW-41S			3.48					
GW-42I			1.49					
GW-43I			2.52					
GW-44I			4.30					

PREPARED BY:

AECOM GROUNDWATER SAMPLING LOG

SITE NAME: GDOT-Walker St.	SITE LOCATION: W 25th Walker St, Douglas GA		DATE: 3/12/18
WELL NO: GW-205	SAMPLE ID: GW-205	QC SAMPLE?	☐ YES ☒ NO ID:

PURGING DATA

WELL DIAMETER (inches): 2"	WELL SCREEN INTERVAL DEPTH: 4 feet to 14 feet	STATIC DEPTH TO WATER (feet): 1.54	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY 3v ~ 24.9 L

1 WELL VOLUME = (14.31 feet – 1.54 feet) X 0.65 liters/foot ~ 8.3 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = PUMP VOLUME + (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = 0 L + (20 feet X 0.05 liters/foot) + 0.4 liters ~ 0.5 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9'	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 12:21	PURGING ENDED AT:	TOTAL VOLUME PURGED (liters):
WATER QUALITY INSTRUMENT(S): Horiba U-53		SERIAL NO(S): SV5VPLMU		

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL. (4.00 SU, 4.49 mS/cm, 0.0 NTU)	Zobell Solution (228 mV)	☒ Previously Calibrated		
Pre-calibration Readings:	°C	SU	mV	mS/cm	NTU	mg/L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
4.0	1224	0.5	0.5	0.15	2.18	16.0	5.79	-16	0.346	8.60	0.82
4.0	1234	1.5	2.0	0.15	4.01	15.4	6.03	-91	0.336	5.31	0
4.0	1244	1.5	3.5	0.15	4.73	16.2	6.07	-94	0.338	3.69	0
4.0	1254	1.3	4.8	0.13	4.80	16.2	6.14	-98	0.345	3.97	0
4.0	1259	0.8	5.6	0.16	4.95	16.0	6.15	-98	0.352	2.53	0
4.0	1304	0.8	6.4	0.16	5.17	16.3	6.17	-99	0.356	3.50	0
4.0	1309	0.8	7.2	0.16	5.40	16.1	6.19	-98	0.358	4.28	0
4.0	1314	0.8	8.0	0.16	5.62	16.1	6.21	-98	0.358	6.19	0
4.0	1319	0.8	8.8	0.16	5.85	16.0	6.20	-100	0.360	7.75	0
4.0	1324	0.8	9.6	0.16	6.18	15.6	6.21	-105	0.367	8.11	0
4.0	1329	0.8	10.4	0.16	6.31	15.6	6.20	-105	0.364	7.06	0
4.0	1334	0.8	11.2	0.16	6.46	15.5	6.22	-105	0.361	7.11	0
3.5	1339	0.7	11.9	0.14	6.62	15.1	6.22	-108	0.360	6.75	0
3.5	1344	0.7	12.6	0.14	6.76	15.3	6.22	-108	0.362	6.27	0
3.5	1349	0.7	13.3	0.14	6.93	15.4	6.22	-107	0.362	7.26	0

☒ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): 0.75" = 0.10; 1" = 0.20; 1.25" = 0.30; 2" = 0.65; 3" = 1.45; 4" = 2.50; 5" = 3.90; 6" = 5.60; 8" = 9.75; 10" = 15.40; 12" = 21.80
TUBING CAPACITY (L Per Ft): 1/16" = 0.001 ; 0.17" = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; 1" = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA[1] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- Turbidity: <10 NTU, or stable (±10%)
- pH: ± 0.1 SU
- Specific Conductance: ± 5% (µS/cm)
- Dissolved Oxygen: 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- Temperature (°C)
- Oxygen Reduction Potential (mV)

[1] ...mental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

SITE NAME: Walker St	SITE LOCATION:
WELL NO: GW-205	

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.5	1354	0.7	14.0	0.14	7.05	15.2	6.21	-111	0.358	7.15	0
3.5	1359	0.7	14.7	0.14	7.21	15.6	6.24	-113	0.364	7.56	0
3.5	1404	0.7	15.4	0.14	7.34	15.5	6.23	-108	0.365	7.34	0
3.5	1409	0.7	16.1	0.14	7.44	15.4	6.22	-104	0.360	6.76	0
3.5	1414	0.7	16.8	0.14	7.58	15.1	6.21	-103	0.359	6.84	0
3.5	1419	0.7	17.5	0.14	7.66	14.8	6.23	-103	0.358	5.98	0
☒	CONTINUED ON ADDITIONAL SHEETS										

CHEMICAL PARAMETER STABILIZATION CRITERIA[2] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. Hilliard /AECOM	SAMPLER(S) SIGNATURES:	DATE SAMPLED: 3/12/18	SAMPLING INITIATED AT: 1450
PUMP OR TUBING DEPTH IN WELL (feet): 9'	SAMPLE PUMP FLOW RATE (L per minute):	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT:
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	QC Sample Collected: Y (N) ☐ Duplicate ☐Equipment Blank ☐ Field Blank	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-205	2				PAH SIMS	
	1				8260	
	1				Metals	
	2				Cl⁻	

REMARKS:

TOTAL DEPTH OF WELL AFTER SAMPLE COLLECTION

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

SAMPLING / PURGING EQUIPMENT CODES: B = Bailer; ESP = Electric Submersible Pump; PP = Peristaltic Pump; BP = Bladder Pump SM = Straw Method (Tubing Gravity Drain); RFPP = Reverse Flow Peristaltic Pump; VT = Vacuum Trap; O = Other (Specify)

SOLUBILITY OF OXYGEN IN WATER (at normal atmospheric conditions)

Temperature °C	O2 Solubility mg/L	Temperature °C	O2 Solubility mg/L	Temperature °C	O2 Solubility mg/L
0	14.6	17	9.7	34	7.1
1	14.2	18	9.5	35	7.0
2	13.8	19	9.3	36	6.8
3	13.5	20	9.1	37	6.7
4	13.1	21	8.9	38	6.6
5	12.8	22	8.7	39	6.5
6	12.4	23	8.6	40	6.4
7	12.1	24	8.4	41	6.3
8	11.8	25	8.3	42	6.2
9	11.6	26	8.1	43	6.1
10	11.3	27	8.0	44	6.0
11	11.0	28	7.8	45	5.9
12	10.8	29	7.7	46	5.8
13	10.5	30	7.6	47	5.7
14	10.3	31	7.4	48	5.6
15	10.1	32	7.3	49	5.5
16	9.9	33	7.2	50	5.4

[2] Regioni 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

SITE NAME: Walker St	SITE LOCATION:	DATE: 3/12/18
WELL NO: GWI-205	SAMPLE ID: GWI-205	QC SAMPLE? ☐ YES ☒ NO ID:

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.5	1424	0.7	18.2	0.14	7.79	14.4	6.19	-98	0.355	4.92	0
3.5	1429	0.7	18.9	0.14	7.80	14.8	6.21	-102	0.349	4.01	0
3.5	1434	0.7	19.6	0.14	7.83	15.1	6.19	-103	0.348	4.15	0
3.5	1439	0.7	20.3	0.14	7.84	15.1	6.23	-100	0.349	3.48	0.02
3.5	1444	0.7	21.0	0.14	7.83	15.0	6.21	-100	0.349	3.27	0
3.5	1449	0.7	21.7	0.14	7.83	14.9	6.22	-104	0.347	3.17	0

☐ CONTINUED ON ADDITIONAL SHEETS

CHEMICAL PARAMETER STABILIZATION CRITERIA[3] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- Turbidity: <10 NTU, or stable (±10%)
- pH: ± 0.1 SU
- Specific Conductance: ± 5% (µS/cm)
- Dissolved Oxygen: 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- Temperature (°C)
- Oxygen Reduction Potential (mV)

[3] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

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AECOM GROUNDWATER SAMPLING LOG

SITE NAME: GDOT-Walker St.	SITE LOCATION: West Walker St. Douglas GA	DATE: 3/12/15
WELL NO: GW-20I	SAMPLE ID: GW-20I	QC SAMPLE? ☐ YES ☒ NO ID:

PURGING DATA

WELL DIAMETER (inches): 2"	WELL SCREEN INTERVAL DEPTH: 24 feet to 34 feet	STATIC DEPTH TO WATER (feet): 1.47	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (34.25 feet – 1.47 feet) X 0.65 liters/foot – liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = PUMP VOLUME + (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = Ø L + (40 feet X 0.005 liters/foot) + 0.4 liters ~0.6 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29'	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1623	PURGING ENDED AT:	TOTAL VOLUME PURGED (liters):
WATER QUALITY INSTRUMENT(S): Horiba U-53		SERIAL NO(S): SV5VPLMLL		

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL. (4.00 SU, 4.49 mS/cm, 0.0 NTU)	Zobell Solution (228 mV)	☐ Previously Calibrated			
Pre-calibration Readings:	15.1 °C	3.92 SU	267 mV	3.96 mS/cm	0.00 NTU	9.62 mg/L	
Calibrated Readings:	15.1 °C	4.00 SU	278 mV	4.50 mS/cm	0.00 NTU	10.31 mg/L	

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1627	0.6	0.6	0.12	2.25	15.6	5.87	71	0.039	7.64	3.86
3.0	1637	1.2	1.8	0.12	3.74	17.4	5.50	184	0.038	5.82	3.39
3.0	1647	1.2	3.0	0.12	5.35	16.7	5.44	198	0.035	5.85	3.28
3.0	1657	1.2	4.2	0.12	6.15	16.4	5.46	206	0.036	6.10	3.21
3.0	1707	1.2	5.4	0.12	6.96	16.8	5.35	214	0.036	5.92	3.06
3.0	1712	0.6	6.0	0.12	7.38	16.6	5.37	216	0.036	6.57	2.92
3.0	1717	0.6	6.6	0.12	7.79	16.8	5.37	209	0.036	6.06	2.83
3.0	1722	0.6	7.2	0.12	8.05	16.8	5.39	213	0.036	5.86	2.89
3.0	1727	0.6	7.8	0.12	8.39	17.2	5.40	210	0.037	5.84	2.87
3.0	1732	0.6	8.4	0.12	8.65	16.8	5.41	208	0.036	6.44	2.85
3.0	1737	0.6	9.0	0.12	8.90	16.2	5.41	205	0.034	6.35	2.82
3.0	1742	0.6	9.6	0.12	9.14	16.3	5.38	211	0.036	6.01	2.73
3.0	1747	0.6	10.2	0.12	9.34	16.5	5.36	215	0.036	6.27	2.68
3.0	1752	0.6	10.8	0.12	9.44	16.4	5.30	212	0.035	6.71	2.71
3.0	1757	0.6	11.4	0.12	9.52	16.6	5.38	208	0.036	6.14	2.59

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): 0.75" = 0.10; 1" = 0.20; 1.25" = 0.30; 2" = 0.65; 3" = 1.45; 4" = 2.50; 5" = 3.90; 6" = 5.60; 8" = 9.75; 10" = 15.40; 12" = 21.80
TUBING CAPACITY (L Per Ft): 1/16" = 0.001 ; 0.17" = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; 1" = 0.16

NOTES: * Pressure on plug. Allow 5 minutes to equilibrate, still rising.

CHEMICAL PARAMETER STABILIZATION CRITERIA[1] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

[1] Regioni 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

SITE NAME:	Walker St	SITE LOCATION:	
WELL NO:	GW-20I		

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	COND (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1802	0.6	12.0	0.12	9.56	16.3	5.36	210	0.035	6.65	2.52
3.0	1807	0.6	12.6	0.12	9.59	15.8	5.34	206	0.034	6.59	2.47
3.0	1812	0.6	13.2	0.12	9.59	15.9	5.38	209	0.035	6.82	2.45
3.0	1817	0.6	13.8	0.12	9.58	15.8	5.41	210	0.035	6.53	2.35
☐	CONTINUED ON ADDITIONAL SHEETS										

CHEMICAL PARAMETER STABILIZATION CRITERIA[2] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature (°C)**
- **Oxygen Reduction Potential (mV)**

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	DATE SAMPLED:	SAMPLING INITIATED AT:
R. Hilliard /AECOM		3/12/18	1818
PUMP OR TUBING DEPTH IN WELL (feet): 29'	**SAMPLE PUMP FLOW RATE (L per minute):** 0.1	**TUBING MATERIAL CODE:** PE	**SAMPLING ENDED AT:** 1912
FIELD DECONTAMINATION: (Y) N	**FIELD-FILTERED:** Y (N) **Filtration Equipment Type:**	**FILTER SIZE:** ____ µm	**QC Sample Collected:** Y (N) ☐ Duplicate ☐ Equipment Blank ☐ Field Blank

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		

REMARKS:

TOTAL DEPTH OF WELL AFTER SAMPLE COLLECTION

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

SAMPLING / PURGING EQUIPMENT CODES: B = Bailer; ESP = Electric Submersible Pump; PP = Peristaltic Pump; BP = Bladder Pump SM = Straw Method (Tubing Gravity Drain); RFPP = Reverse Flow Peristaltic Pump; VT = Vacuum Trap; O = Other (Specify)

SOLUBILITY OF OXYGEN IN WATER (at normal atmospheric conditions)

Temperature °C	O2 Solubility mg/L	Temperature °C	O2 Solubility mg/L	Temperature °C	O2 Solubility mg/L
0	14.6	17	9.7	34	7.1
1	14.2	18	9.5	35	7.0
2	13.8	19	9.3	36	6.8
3	13.5	20	9.1	37	6.7
4	13.1	21	8.9	38	6.6
5	12.8	22	8.7	39	6.5
6	12.4	23	8.6	40	6.4
7	12.1	24	8.4	41	6.3
8	11.8	25	8.3	42	6.2
9	11.6	26	8.1	43	6.1
10	11.3	27	8.0	44	6.0
11	11.0	28	7.8	45	5.9
12	10.8	29	7.7	46	5.8
13	10.5	30	7.6	47	5.7
14	10.3	31	7.4	48	5.6
15	10.1	32	7.3	49	5.5
16	9.9	33	7.2	50	5.4

[2] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/14/18
WELL NO:	GW-24I	SAMPLE ID:	GW-24I	QC SAMPLE?	☐ YES ☒ NO
				ID:	

PURGING DATA

WELL DIAMETER (inches): 2	WELL SCREEN INTERVAL DEPTH: 25 feet to 35 feet	STATIC DEPTH TO WATER (feet): 4.32	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (35.05 feet – 4.32 feet) X 0.65 liters/foot ~ liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = PUMP VOLUME + (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = 0 L + (40 feet X 0.005 liters/foot) + 0.4 liters ~ 0.6 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30	PURGING INITIATED AT: 1830	PURGING ENDED AT: 1933	TOTAL VOLUME PURGED (liters): 12.0
WATER QUALITY INSTRUMENT(S):	Horiba U-53	SERIAL NO(S):	SVS VPCmul	

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL (4.00 SU, 4.49 ms/cm, 0.0 NTU)	Xobel ORP (228 mV)	☒ Previously Calibrated		
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg/L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
4.0	1823	0.6	0.6	0.16	4.87	19.5	5.48	-8	0.095	4.40	0.64
4.0	1833	1.6	2.2	0.16	6.96	18.7	5.45	-125	0.098	1.16	0
4.0	1843	1.6	3.8	0.16	8.28	18.7	5.41	-128	0.096	0.88	0
4.0	1853	1.6	5.4	0.16	9.09	18.7	5.37	-116	0.097	1.59	0
4.0	1858	0.8	6.2	0.16	9.43	18.7	5.42	-99	0.098	1.65	0
4.0	1903	0.8	7.0	0.16	9.70	18.7	5.42	-86	0.099	2.17	0
4.0	1908	0.8	7.8	0.16	9.94	18.6	5.41	-64	0.100	2.39	0
4.0	1913	0.8	8.6	0.16	9.99	18.4	5.43	-54	0.102	1.70	0
4.0	1918	0.8	9.4	0.16	10.02	18.4	5.46	-63	0.104	1.35	0
4.0	1923	0.8	10.2	0.16	10.04	18.3	5.50	-72	0.107	1.98	0
4.0	1928	0.8	11.0	0.16	10.03	18.3	5.49	-67	0.109	2.65	0
4.0	1933	0.8	11.8	0.16	10.03	18.3	5.45	-45	0.108	1.89	0

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): **0.75"** = 0.10; **1"** = 0.20; **1.25"** = 0.30; **2"** = 0.65; **3"** = 1.45; **4"** = 2.50; **5"** = 3.90; **6"** = 5.60; **8"** = 9.75; **10"** = 15.40; **12"** = 21.80
TUBING CAPACITY (L Per Ft): **1/16"** = 0.001 ; **0.17"** = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; **1"** = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA[5] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

[5] Regioni 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/14/18
WELL NO:	GW-24I	SAMPLE ID:	GW-24I	QC SAMPLE?	☐ YES ☒ NO
ID:					

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

NOTES:

NOTES:

☐ CONTINUED ON ADDITIONAL SHEETS

CHEMICAL PARAMETER STABILIZATION CRITERIA[6] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	DATE SAMPLED:	SAMPLING INITIATED AT:
R. Hilliard / AECOM		3/14/18	1934
PUMP OR TUBING DEPTH IN WELL (feet): 30	SAMPLE PUMP FLOW RATE (L per minute): 0.16/0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 2007
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	QC Sample Collected: Y (N) ☐ Duplicate ☐ Equipment Blank ☐ Field Blank	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-24I	1	250 mL	PE	None	Ion Scan	PP
GW-24I	1	250 mL	PE	HNO3	Total RCRA Metals	PP
GW-24I	1	250 mL	PE		Cr^{6+}	PP
GW-24I	2	1 L	AG	None	8270C – SIM	VT
GW-24I	2	40 mL	CG	HCl	BTEX – 8260	RFPP

REMARKS:

TOTAL DEPTH OF WELL AFTER SAMPLE COLLECTION

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

SAMPLING / PURGING EQUIPMENT CODES: **B** = Bailer; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **BP** = Bladder Pump **SM** = Straw Method (Tubing Gravity Drain); **RFPP** = Reverse Flow Peristaltic Pump (modified straw method); **VT** = Vacuum Trap; **O** = Other (Specify)

[6] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/15/17
WELL NO:	GW-27I	SAMPLE ID:	GW-27I	QC SAMPLE?	☐ YES ☒ NO
ID:					

PURGING DATA

WELL DIAMETER (inches): 2	WELL SCREEN INTERVAL DEPTH: 19.5 feet to 29.5 feet	STATIC DEPTH TO WATER (feet): 3.88	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (29.65 feet − 3.88 feet) X 0.65 liters/foot ~ 16.8 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = PUMP VOLUME + (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = 8 L + (40 feet X 0.025 liters/foot) + 0.4 liters ~ 0.6 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24	PURGING INITIATED AT: 1052	PURGING ENDED AT: 1225	TOTAL VOLUME PURGED (liters): 13.3
WATER QUALITY INSTRUMENT(S): Horiba U-53		SERIAL NO(S):	5V5VP&Mu	

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL (4.00 SU, 4.49 ms/cm, 0.0 NTU)	Xobel ORP (228 mV)	☒ Previously Calibrated		
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg/L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.5	1055	0.6	0.6	0.14	4.41	16.2	5.90	57	0.273	26.2	0.76
3.5	1101	1.4	2.0	0.14	5.40	18.2	5.97	-26	0.274	26.3	0
3.5	1115	1.4	3.4	0.14	5.83	18.7	5.94	-38	0.280	8.24	0
3.5	1125	1.4	4.8	0.14	5.97	18.9	5.91	-43	0.285	12.0	0
3.5	1135	1.4	6.2	0.14	6.11	19.3	5.85	-54	0.296	5.15	0
3.5	1140	0.7	6.9	0.14	6.15	19.3	5.84	-62	0.301	1.74	0
3.5	1145	0.7	7.6	0.14	6.17	19.4	5.83	-63	0.304	2.11	0
3.5	1150	0.7	8.4	0.14	6.19	19.5	5.80	-62	0.311	0.99	0
3.5	1155	0.7	9.1	0.14	6.18	19.5	5.78	-66	0.315	1.34	0
3.5	1200	0.7	9.8	0.14	6.23	19.6	5.77	-71	0.323	1.62	0
3.5	1205	0.7	10.5	0.14	6.24	19.8	5.75	-69	0.327	0.73	0
3.5	1210	0.7	11.2	0.14	6.25	19.9	5.71	-70	0.332	1.06	0
3.5	1215	0.7	11.9	0.14	6.25	19.9	5.70	-71	0.336	2.57	0
3.5	1220	0.7	12.6	0.14	6.25	20.0	5.70	-73	0.339	1.58	0
3.5	1225	0.7	13.3	0.14	6.25	20.0	5.69	-72	0.340	1.19	0

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): **0.75"** = 0.10; **1"** = 0.20; **1.25"** = 0.30; **2"** = 0.65; **3"** = 1.45; **4"** = 2.50; **5"** = 3.90; **6"** = 5.60; **8"** = 9.75; **10"** = 15.40; **12"** = 21.80
TUBING CAPACITY (L Per Ft): **1/16"** = 0.001 ; **0.17"** = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 , 1" = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA[7] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

[7] Regioni 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/15/18
WELL NO:	GW-27I	SAMPLE ID:	GW-27I	QC SAMPLE?	☐ YES ☒ NO
ID:					

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

NOTES:

NOTES:

☐ CONTINUED ON ADDITIONAL SHEETS

CHEMICAL PARAMETER STABILIZATION CRITERIA[8] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. Hilliard / AECOM	SAMPLER(S) SIGNATURES:	DATE SAMPLED: 3/15/18	SAMPLING INITIATED AT: 1320
PUMP OR TUBING DEPTH IN WELL (feet): 24	SAMPLE PUMP FLOW RATE (L per minute): 0.14/0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1305
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	QC Sample Collected: Y (N) ☐ Duplicate ☐ Equipment Blank ☐ Field Blank	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-27I	1	250 mL	PE	None	Ion Scan	PP
GW-27I	1	250 mL	PE	HNO3	Total RCRA Metals	PP
GW-27I	1	250 mL	PE	None	Cr^{6+}	PP
GW-27I	2	1 L	AG	None	8270C – SIM	VT
GW-27I	2	40 mL	CG	HCl	BTEX – 8260	RFPP

REMARKS:

TOTAL DEPTH OF WELL AFTER SAMPLE COLLECTION

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

SAMPLING / PURGING EQUIPMENT CODES: **B** = Bailer; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **BP** = Bladder Pump **SM** = Straw Method (Tubing Gravity Drain); **RFPP** = Reverse Flow Peristaltic Pump (modified straw method); **VT** = Vacuum Trap; **O** = Other (Specify)

[8] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/14/18
WELL NO:	GW-28I	SAMPLE ID:	GW-28I	QC SAMPLE?	☐ YES ☒ NO
ID:					

PURGING DATA

WELL DIAMETER (inches):	2	WELL SCREEN INTERVAL DEPTH:	19 feet to 29 feet	STATIC DEPTH TO WATER (feet):	3.33	PURGE PUMP TYPE OR BAILER:	Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (29.35 feet – 3.33 feet) X 0.65 liters/foot ~ 16.9 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = PUMP VOLUME + (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = 1Ø L + (35 feet X 0.005 liters/foot) + 0.4 liters ~ 0.6 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	24	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	24	PURGING INITIATED AT:	1604	PURGING ENDED AT:	1738	TOTAL VOLUME PURGED (liters):	16
WATER QUALITY INSTRUMENT(S):		Horiba U-53		SERIAL NO(S):		SN5VPLMH			

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL (4.00 SU, 4.49 ms/cm, 0.0 NTU)	Xobel ORP (228 mV)	☒ Previously Calibrated		
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg/L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
4.0	1607	0.6	0.6	0.17	3.84	22.0	5.32	91	0.103	13.2	24.66
4.0	1617	1.7	2.3	0.17	4.85	20.10	5.01	206	0.098	7.25	30.86
4.0	1627	1.7	4.0	0.17	5.26	20.0	4.80	231	0.110	14.6	31.48
4.0	1637	1.7	5.7	0.17	5.45	20.1	4.75	240	0.121	17.1	32.38
4.0	1647	1.7	7.4	0.17	5.55	19.9	4.78	239	0.130	21.3	32.40
4.0	1657	1.7	9.1	0.17	5.61	20.0	4.81	246	0.130	17.2	31.41
4.0	1707	1.7	10.8	0.17	5.64	20.0	4.83	247	0.131	17.2	30.94
4.0	1712	0.8	11.6	0.17	5.66	20.0	4.81	248	0.131	17.7	30.81
4.0	1717	0.9	12.5	0.17	5.66	19.9	4.81	257	0.133	16.3	30.50
4.0	1722	0.8	13.3	0.17	5.66	19.7	4.83	249	0.130	14.9	30.02
4.0	1727	0.9	14.2	0.17	5.66	19.7	4.79	256	0.129	13.2	29.24
4.0	1732	0.8	15.0	0.17	5.67	19.7	4.81	256	0.131	12.3	31.36
4.0	1737	0.9	15.9	0.17	5.66	19.8	4.80	259	0.130	12.0	30.65

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): **0.75"** = 0.10; **1"** = 0.20; **1.25"** = 0.30; **2"** = 0.65; **3"** = 1.45; **4"** = 2.50; **5"** = 3.90; **6"** = 5.60; **8"** = 9.75; **10"** = 15.40; **12"** = 21.80
TUBING CAPACITY (L Per Ft): **1/16"** = 0.001 ; **0.17"** = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; **1"** = 0.16

NOTES:
1737- All stable except D.O. end purge.

CHEMICAL PARAMETER STABILIZATION CRITERIA[9] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

[9] Regioni 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/14/18
WELL NO:	GW-28I	SAMPLE ID:	GW-28I	QC SAMPLE?	☐ YES ☐ NO
ID:					

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

NOTES:

NOTES:

☐ CONTINUED ON ADDITIONAL SHEETS

CHEMICAL PARAMETER STABILIZATION CRITERIA[10] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	DATE SAMPLED:	SAMPLING INITIATED AT:
R. Hilliard / AECOM	[signature]	3/14/18	1741
PUMP OR TUBING DEPTH IN WELL (feet): 24	SAMPLE PUMP FLOW RATE (L per minute): 0.15/0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1806
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	QC Sample Collected: Y (N) ☐ Duplicate ☐Equipment Blank ☐ Field Blank	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-28I	1	250 mL	PE	None	Ion Scan	PP
GW-28I	1	250 mL	PE	HNO3	Total RCRA Metals	PP
GW-28I	1	250 mL	PE	None	Cr^{6+}	PP
GW-28I	2	1 L	AG	None	8270C – SIM	VT
GW-28I	2	40 mL	CG	HCl	BTEX – 8260	RFPP

REMARKS:

TOTAL DEPTH OF WELL AFTER SAMPLE COLLECTION

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

SAMPLING / PURGING EQUIPMENT CODES: **B** = Bailer; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **BP** = Bladder Pump **SM** = Straw Method (Tubing Gravity Drain); **RFPP** = Reverse Flow Peristaltic Pump (modified straw method); **VT** = Vacuum Trap; **O** = Other (Specify)

[10] Regioni 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/14/18
WELL NO:	GW-29S	SAMPLE ID:	GW-29S	QC SAMPLE?	☐ YES ☒ NO
ID:					

PURGING DATA

WELL DIAMETER (inches):	2	WELL SCREEN INTERVAL DEPTH:	5 feet to 15 feet	STATIC DEPTH TO WATER (feet):	3.83	PURGE PUMP TYPE OR BAILER:	Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (15.16 feet – 3.83 feet) X 0.65 liters/foot ~ 7.4 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = PUMP VOLUME + (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = 0 L + (25 feet X 0.005 liters/foot) + 0.4 liters ~ 0.5 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	10	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	12	PURGING INITIATED AT:	0809	PURGING ENDED AT:	1114	TOTAL VOLUME PURGED (liters):	22.2
WATER QUALITY INSTRUMENT(S):		Horiba U-53		SERIAL NO(S):		SVSVPLmm			

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL (4.00 SU, 4.49 ms/cm, 0.0 NTU)	Xobel ORP (228 mV)	☐ Previously Calibrated

Precalibration Readings:	9.9	°C	4.03	SU	258	mV	4.58	mS/cm	0	NTU	11.62 mg/L
Calibrated Readings:	9.9	°C	4.00	SU	260	mV	4.50	mS/cm	0	NTU	11.86 mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	0813	0.5	0.5	0.12	4.34	12.9↑	5.38	32	0.173	331	0
3.0	0823	1.2	1.7	0.12	5.29	14.3	5.43	-97	0.172	350	0
3.0	0833	1.2	2.9	0.12	5.25	14.5	5.46	-115	0.176	436	0
3.0	0843	1.2	4.1	0.12	5.26	14.3	5.47	-122	0.185	726	0
3.0	0853	1.2	5.3	0.12	5.38	14.4	5.49	-122	0.197	>1000	0
3.0	0903	1.2	6.5	0.12	5.70	14.6	5.51	-120	0.209	697	0
3.0	0913	1.2	7.7	0.12	6.40	14.3	5.52	-122	0.213	>1000	0
3.0	0923	1.2	8.9	0.12	6.92	14.0	5.55	-120	0.222	>1000	0
3.0	0933	1.2	10.1	0.12	7.38	14.2	5.55	-108	0.210	>1000	0
3.0	0943	1.2	11.3	0.12	7.83	14.7	5.53	-94	0.187	>1000	0
3.0	0953	1.2	12.5	0.12	8.25	14.8	5.49	-77	0.178	>1000	0
3.0	1003	1.2	13.7	0.12	8.59	14.9	5.48	-73	0.174	>1000	0
3.0	1013	1.2	14.9	0.12	8.92	14.9	5.46	-57	0.166	>1000	0
3.0	1023	1.2	16.1	0.12	9.26	14.7	5.48	-54	0.167	>1000	0
3.0	1033	1.2	17.3	0.12	9.59	14.9	5.44	-37	0.161	>1000	0

☒ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): **0.75"** = 0.10; **1"** = 0.20; **1.25"** = 0.30; **2"** = 0.65; **3"** = 1.45; **4"** = 2.50; **5"** = 3.90; **6"** = 5.60; **8"** = 9.75; **10"** = 15.40; **12"** = 21.80
TUBING CAPACITY (L Per Ft): **1/16"** = 0.001 ; **0.17"** = 0.005 ; ¼" = 0.01 ; ⅜" = 0.022 ; ½" = 0.04 ; ⅝" = 0.06 ; ¾" = 0.09 ; ⅞" = 0.12 ; 1" = 0.16

NOTES: * High turbidity – Lt. brown/grey.
1054 – lower tubing to 12' BTOC.

CHEMICAL PARAMETER STABILIZATION CRITERIA[11] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

[11] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/14/18
WELL NO:	GW-29S	SAMPLE ID:	GW-29S	QC SAMPLE?	☐ YES ☒ NO
				ID:	

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1043	1.2	18.5	0.12	9.94	14.6	5.47	-35	0.161	>1000	0
3.0	1053	1.2	19.7	0.12	10.24	14.9	5.57	-41	0.160	>1000	0
3.0	1103	1.2	20.9	0.12	10.55	15.1	5.57	-41	0.159	>1000	0
3.0	1113	1.2	22.1	0.12	10.86	15.5	5.57	-49	0.158	>1000	0

NOTES:

H14-3 well volumes. End Purge

NOTES:

☐ CONTINUED ON ADDITIONAL SHEETS

CHEMICAL PARAMETER STABILIZATION CRITERIA[12] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	DATE SAMPLED:	SAMPLING INITIATED AT:
R. Hilliard / AECOM	[signature]	3/14/18	1115
PUMP OR TUBING DEPTH IN WELL (feet): 12	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1204
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	QC Sample Collected: Y N ☐ Duplicate ☐ Equipment Blank ☐ Field Blank	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-29S	1	250 mL	PE	None	Ion Scan	PP
GW-29S	1	250 mL	PE	HNO3	Total RCRA Metals	PP
GW-29S	1	250 mL	PE		Cr^{6+}	PP
GW-29S	2	1 L	AG	None	8270C – SIM	VT
GW-29S	2	40 mL	CG	HCl	BTEX – 8260	RFPP

REMARKS:

*Very high turbidity.

TOTAL DEPTH OF WELL AFTER SAMPLE COLLECTION

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

SAMPLING / PURGING EQUIPMENT CODES: **B** = Bailer; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **BP** = Bladder Pump **SM** = Straw Method (Tubing Gravity Drain); **RFPP** = Reverse Flow Peristaltic Pump (modified straw method); **VT** = Vacuum Trap; **O** = Other (Specify)

[12] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/13/18
WELL NO:	GW-31I	SAMPLE ID:	GW-31I	QC SAMPLE?	☒ YES ☐ NO
ID: GW-31I MS/MSD					

PURGING DATA

WELL DIAMETER (inches): 2	WELL SCREEN INTERVAL DEPTH: 25 feet to 35 feet	STATIC DEPTH TO WATER (feet): 1.85	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (35.30 feet – 1.85 feet) X 0.65 liters/foot ~ liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = PUMP VOLUME + (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = 0 L + (40 feet X 0.02 liters/foot) + 0.4 liters ~ 0.4 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30	PURGING INITIATED AT: 1900	PURGING ENDED AT:	TOTAL VOLUME PURGED (liters):
WATER QUALITY INSTRUMENT(S):	Horiba U-53	SERIAL NO(S):		

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL (4.00 SU, 4.49 ms/cm, 0.0 NTU)	Xobel ORP (228 mV)	Previously Calibrated		
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg/L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1910	0.6	0.6	0.15	2.21	19.0	5.69	-59	0.201	2.27	0.35
3.0	1920	1.1	1.7	0.11	3.60	18.6	5.78	-48	0.190	6.19	0
3.0	1930	1.1	2.8	0.11	4.52	18.6	5.85	-74	0.190	8.10	0
3.0	1940	1.1	3.9	0.11	5.40	18.5	5.85	-75	0.187	8.45	0
3.0	1950	1.1	5.0	0.11	6.18	18.6	5.85	-85	0.186	8.01	0
3.0	2000	1.1	6.1	0.11	6.79	18.1	5.84	-93	0.186	8.90	0
3.0	2005	0.6	6.7	0.11	7.01	18.2	5.84	-96	0.185	8.61	0
3.0	2010	0.5	7.1	0.11	7.23	17.9	5.84	-99	0.186	8.37	0
3.0	2020	1.1	8.2	0.11	7.51	18.1	5.84	-102	0.185	7.91	0
3.0	2030	1.1	9.3	0.11	7.81	18.0	5.84	-110	0.183	7.52	0
3.0	2035	0.5	9.8	0.11	7.90	17.8	5.83	-110	0.183	7.60	0
3.0	2040	0.6	10.4	0.11	7.97	17.7	5.83	-111	0.183	7.55	0
3.0	2045	0.5	10.9	0.11	8.00	17.4	5.83	-110	0.182	6.48	0
3.0	2050	0.6	11.5	0.11	7.99	17.2	5.82	-116	0.181	6.97	0
3.0	2055	0.5	12.0	0.11	7.99	17.2	5.82	-112	0.181	6.35	0

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): **0.75"** = 0.10; **1"** = 0.20; **1.25"** = 0.30; **2"** = 0.65; **3"** = 1.45; **4"** = 2.50; **5"** = 3.90; **6"** = 5.60; **8"** = 9.75; **10"** = 15.40; **12"** = 21.80
TUBING CAPACITY (L Per Ft): **1/16"** = 0.001 ; **0.17"** = 0.005 ; ¼" = 0.01 ; ⅜" = 0.022 ; ½" = 0.04 ; ⅝" = 0.06 ; ¾" = 0.09 ; ⅞" = 0.12 ; **1"** = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA[13] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

[13] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/13/18
WELL NO:	GW-31I	SAMPLE ID:	GW-31I	QC SAMPLE?	☐ YES ☒ NO — ID: GW-31I MS/MSD

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

NOTES:

NOTES:

☐ CONTINUED ON ADDITIONAL SHEETS

CHEMICAL PARAMETER STABILIZATION CRITERIA[14] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. Hilliard / AECOM	SAMPLER(S) SIGNATURES: [signature]	DATE SAMPLED: 3/13/18	SAMPLING INITIATED AT: 2059
PUMP OR TUBING DEPTH IN WELL (feet): 30	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 2315
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type:	QC Sample Collected: Y N ☐ Duplicate ☐Equipment Blank ☐ Field Blank	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
MS/MSD GW-31I	3	250 mL	PE	None	Ion Scan	PP
MS/MSD GW-31I	3	250 mL	PE	HNO3	Total RCRA Metals	PP
MS/MSD GW-31I	3	250 mL	PE		Cr^{6+}	PP
MS/MSD GW-31I	2	1 L	AG	None	8270C – SIM	VT
MS/MSD GW-31I	2	40 mL	CG	HCl	BTEX – 8260	RFPP

REMARKS:

TOTAL DEPTH OF WELL AFTER SAMPLE COLLECTION

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

SAMPLING / PURGING EQUIPMENT CODES: **B** = Bailer; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **BP** = Bladder Pump **SM** = Straw Method (Tubing Gravity Drain); **RFPP** = Reverse Flow Peristaltic Pump (modified straw method); **VT** = Vacuum Trap; **O** = Other (Specify)

[14] Regioni 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/13/18
WELL NO:	GW-32I	SAMPLE ID:	GW-32I	QC SAMPLE?	☐ YES ☒ NO
ID:					

PURGING DATA

WELL DIAMETER (inches): 2	WELL SCREEN INTERVAL DEPTH: 25 feet to 35 feet	STATIC DEPTH TO WATER (feet): 3.55	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (35.08 feet – 3.55 feet) X 0.65 liters/foot ~ 20.5 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = PUMP VOLUME + (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = 0 L + (40 feet X 0.005 liters/foot) + 0.4 liters ~ 0.6 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30	PURGING INITIATED AT: 1532	PURGING ENDED AT: 1803	TOTAL VOLUME PURGED (liters): 14.2
WATER QUALITY INSTRUMENT(S):	Horiba U-53	SERIAL NO(S):	SVSVPLMU	

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL (4.00 SU, 4.49 ms/cm, 0.0 NTU)	Xobel ORP (228 mV)	☐ Previously Calibrated		
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg/L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1557	0.6	0.6	0.12	4.08	21.6	4.75	68	0.379	15.6	0.54
3.0	1607	1.1	1.7	0.11	5.31	21.0	4.61	-5	0.377	19.5	0.35
3.0	1617	1.1	2.8	0.11	6.20	21.3	4.59	30	0.324	14.9	2.20
3.0	1627	1.1	3.9	0.11	6.86	20.9	4.58	36	0.331	7.32	3.06
3.0	1637	1.1	5.0	0.11	7.36	20.6	4.58	47	0.337	4.86	3.53
3.0	1647	1.1	6.1	0.11	7.70	20.6	4.58	58	0.351	3.38	4.09
3.0	1657	1.1	7.1	0.11	7.97	20.8	4.59	52	0.368	2.43	4.79
3.0	1707	1.1	8.2	0.11	8.19	20.8	4.60	63	0.381	1.92	5.80
3.0	1717	1.1	9.2	0.11	8.25	20.9	4.61	66	0.394	1.68	6.59
3.0	1722	0.5	9.7	0.11	8.26	21.0	4.61	65	0.403	1.70	6.82
3.0	1727	0.6	10.3	0.11	8.29	21.0	4.60	79	0.407	1.29	7.21
3.0	1732	0.5	10.8	0.11	8.29	20.6	4.62	103	0.410	1.72	7.57
3.0	1737	0.6	11.4	0.11	8.30	20.4	4.63	79	0.417	1.81	7.75
3.0	1742	0.5	11.9	0.11	8.30	20.1	4.62	100	0.423	1.88	8.01
3.0	1747	0.6	12.5	0.11	8.30	20.4	4.62	75	0.424	1.81	8.10

☒ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): **0.75"** = 0.10; **1"** = 0.20; **1.25"** = 0.30; **2"** = 0.65; **3"** = 1.45; **4"** = 2.50; **5"** = 3.90; **6"** = 5.60; **8"** = 9.75; **10"** = 15.40; **12"** = 21.80
TUBING CAPACITY (L Per Ft): **1/16"** = 0.001 ; **0.17"** = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; 1" = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA[15] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

[15] Regioni 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/13/18
WELL NO:	GW-32I	SAMPLE ID:	GW-32I	QC SAMPLE?	☐ YES ☒ NO
ID:					

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1752	0.5	13.0	0.11	4.30	19.9	4.62	109	0.429	1.77	7.87
3.0	1757	0.6	13.6	0.11	4.29	19.6	4.62	103	0.430	1.62	8.34
3.0	1802	0.5	14.1	0.11	4.30	19.7	4.61	96	0.432	2.14	8.59

NOTES:

NOTES:

☐ CONTINUED ON ADDITIONAL SHEETS

CHEMICAL PARAMETER STABILIZATION CRITERIA[16] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	DATE SAMPLED:	SAMPLING INITIATED AT:
R. Hilliard / AECOM		3/13/18	1805
PUMP OR TUBING DEPTH IN WELL (feet): 30	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1850
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	QC Sample Collected: Y (N) ☐ Duplicate ☐ Equipment Blank ☐ Field Blank	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-32I	1	250 mL	PE	None	Ion Scan	PP
GW-32I	1	250 mL	PE	HNO3	Total RCRA Metals	PP
GW-32I	1	250 mL	PE	None	Cr^{6+}	PP
GW-32I	2	1 L	AG	None	8270C – SIM	VT
GW-32I	2	40 mL	CG	HCl	BTEX – 8260	RFPP

REMARKS:

TOTAL DEPTH OF WELL AFTER SAMPLE COLLECTION

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

SAMPLING / PURGING EQUIPMENT CODES: **B** = Bailer; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **BP** = Bladder Pump **SM** = Straw Method (Tubing Gravity Drain); **RFPP** = Reverse Flow Peristaltic Pump (modified straw method); **VT** = Vacuum Trap; **O** = Other (Specify)

[16] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/15/18
WELL NO:	GW-33I	SAMPLE ID:	GW-33I	QC SAMPLE?	☐ YES ☒ NO
ID:					

PURGING DATA

WELL DIAMETER (inches): 2	WELL SCREEN INTERVAL DEPTH: 25 feet to 35 feet	STATIC DEPTH TO WATER (feet): 3.38	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (35.30 feet – 3.38 feet) X 0.65 liters/foot ~ 20.7 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = PUMP VOLUME + (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = 0 L + (40 feet X 0.005 liters/foot) + 0.4 liters ~ 0.6 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30	PURGING INITIATED AT: 0805	PURGING ENDED AT: 0908	TOTAL VOLUME PURGED (liters): 8.0
WATER QUALITY INSTRUMENT(S): Horiba U-53		SERIAL NO(S): SV5VPLmu		

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL (4.00 SU, 4.49 ms/cm, 0.0 NTU)	Xobel ORP (228 mV)	☐ Previously Calibrated							
Precalibration Readings:	10.6	°C	3.96	SU	248	mV	4.38	mS/cm	0.78	NTU	10.36	mg/L
Calibrated Readings:	11.0	°C	4.00	SU	248	mV	4.50	mS/cm	0.00	NTU	14.05	mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.5	0803	0.6	0.6	0.15	3.78	13.5	5.35	192	0.102	6.35	15.12
3.5	0819	1.3	1.9	0.13	3.95	15.2	5.37	207	0.096	0.75	15.51
3.5	0829	1.3	3.2	0.13	3.99	15.8	5.33	208	0.093	1.16	17.23
3.5	0839	1.3	4.5	0.13	3.99	16.1	5.30	205	0.090	0.87	19.31
3.5	0844	0.6	5.1	0.13	3.98	15.9	5.30	204	0.090	3.06	19.95
3.5	0849	0.7	5.8	0.13	3.99	16.2	5.31	198	0.089	0.69	20.2
3.5	0854	0.6	6.4	0.13	3.99	16.0	5.29	210	0.088	1.33	21.1
3.5	0859	0.7	7.1	0.13	3.99	15.9	5.28	209	0.088	1.61	21.3
3.5	0904	0.6	7.7	0.13	3.99	16.0	5.30	204	0.089	0.68	21.0

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): **0.75"** = 0.10; **1"** = 0.20; **1.25"** = 0.30; **2"** = 0.65; **3"** = 1.45; **4"** = 2.50; **5"** = 3.90; **6"** = 5.60; **8"** = 9.75; **10"** = 15.40; **12"** = 21.80
TUBING CAPACITY (L Per Ft): **1/16"** = 0.001 ; **0.17"** = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; **1"** = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA[17] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

[17] Regioni 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/15/18
WELL NO:	GW-33I	SAMPLE ID:	GW-33I	QC SAMPLE?	☐ YES ☒ NO — ID:

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

NOTES:

NOTES:

☐ CONTINUED ON ADDITIONAL SHEETS

CHEMICAL PARAMETER STABILIZATION CRITERIA[18] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. Hilliard / AECOM	SAMPLER(S) SIGNATURES: [signature]	DATE SAMPLED: 3/15/18	SAMPLING INITIATED AT: 0910
PUMP OR TUBING DEPTH IN WELL (feet): 30	SAMPLE PUMP FLOW RATE (L per minute): 0.13/0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 0954
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm; Filtration Equipment Type:	QC Sample Collected: Y (N) ☐ Duplicate ☐ Equipment Blank ☐ Field Blank	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-33I	1	250 mL	PE	None	Ion Scan	PP
GW-33I	1	250 mL	PE	HNO3	Total RCRA Metals	PP
GW-33I	1	250 mL	PE	None	Cr^{6+}	PP
GW-33I	2	1 L	AG	None	8270C – SIM	VT
GW-33I	2	40 mL	CG	HCl	BTEX – 8260	RFPP

REMARKS:

TOTAL DEPTH OF WELL AFTER SAMPLE COLLECTION

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

SAMPLING / PURGING EQUIPMENT CODES: **B** = Bailer; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **BP** = Bladder Pump **SM** = Straw Method (Tubing Gravity Drain); **RFPP** = Reverse Flow Peristaltic Pump (modified straw method); **VT** = Vacuum Trap; **O** = Other (Specify)

[18] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/13/18
WELL NO:	GW-41S	SAMPLE ID:	GW-41S	QC SAMPLE?	☐ YES ☒ NO — ID:

PURGING DATA

WELL DIAMETER (inches): 2	WELL SCREEN INTERVAL DEPTH: 5 feet to 15 feet	STATIC DEPTH TO WATER (feet): 3.48	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (15.50 feet – 3.49 feet) X 0.65 liters/foot ~ 7.8 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = PUMP VOLUME + (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = 0 L + 25 feet X 0.005 liters/foot) + 0.4 liters ~ 0.5 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10'	PURGING INITIATED AT: 1252	PURGING ENDED AT: 1356	TOTAL VOLUME PURGED (liters): ~~8.5~~ 7.1
WATER QUALITY INSTRUMENT(S): Horiba U-53		SERIAL NO(S): 5V5VPGMY		

CALIBRATION DETAILS:	Calibration Standards Used: AutoCAL (4.00 SU, 4.49 ms/cm, 0.0 NTU)	Xobel ORP (228 mV)	☒ Previously Calibrated			
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg/L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1254	0.5	0.5	0.12	3.72	21.4	5.55	78	0.122	8.44	3.72
3.0	1304	1.1	1.6	0.11	3.75	19.5	5.45	105	0.122	3.16	3.75
3.0	1316	1.1	2.7	0.11	3.77	19.4	5.43	112	0.117	2.28	3.77
3.0	1321	0.5	3.2	0.11	3.76	19.5	5.40	116	0.114	2.09	3.76
3.0	1326	0.4	3.8	0.11	3.76	19.2	5.40	119	0.113	1.86	3.76
3.0	1331	0.5	4.3	0.11	3.76	19.5	5.39	127	0.109	1.98	3.76
3.0	1336	0.6	4.9	0.11	3.76	19.2	5.39	125	0.107	1.83	3.76
3.0	1341	0.5	5.4	0.11	3.76	19.9	5.38	128	0.105	2.18	3.76
3.0	1346	0.4	6.0	0.11	3.76	19.5	5.36	128	0.102	1.77	3.76
3.0	1356	1.1	7.1	0.11	3.76	19.0	5.35	131	0.101	2.03	3.76

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): **0.75"** = 0.10; **1"** = 0.20; **1.25"** = 0.30; **2"** = 0.65; **3"** = 1.45; **4"** = 2.50; **5"** = 3.90; **6"** = 5.60; **8"** = 9.75; **10"** = 15.40; **12"** = 21.80
TUBING CAPACITY (L Per Ft): **1/16"** = 0.001 ; **0.17"** = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; **1"** = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA[19] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

[19] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/13/18
WELL NO:	GW-41S	SAMPLE ID:	GW-41S	QC SAMPLE?	☐ YES ☒ NO
ID:					

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

NOTES:

NOTES:

☐ CONTINUED ON ADDITIONAL SHEETS

CHEMICAL PARAMETER STABILIZATION CRITERIA[20] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	DATE SAMPLED:	SAMPLING INITIATED AT:
R. Hilliard / AECOM	[signature]	3/13/18	1357
PUMP OR TUBING DEPTH IN WELL (feet): 10'	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1431
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	QC Sample Collected: Y (N) ☐ Duplicate ☐ Equipment Blank ☐ Field Blank	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-41S	1	250 mL	PE	None	Ion Scan	PP
GW-41S	1	250 mL	PE	HNO3	Total RCRA Metals	PP
GW-41S	1	250 mL	PE	None	Cr^{6+}	PP
GW-41S	2	1 L	AG	None	8270C – SIM	VT
GW-41S	2	40 mL	CG	HCl	BTEX – 8260	RFPP

REMARKS:

TOTAL DEPTH OF WELL AFTER SAMPLE COLLECTION

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

SAMPLING / PURGING EQUIPMENT CODES: **B** = Bailer; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **BP** = Bladder Pump **SM** = Straw Method (Tubing Gravity Drain); **RFPP** = Reverse Flow Peristaltic Pump (modified straw method); **VT** = Vacuum Trap; **O** = Other (Specify)

[20] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/13/18
WELL NO:	GW-42I	SAMPLE ID:	GW-42I	QC SAMPLE?	☐ YES ☐ NO ID:

PURGING DATA

WELL DIAMETER (inches): 2	WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 1.49	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (30.50 feet – 1.49 feet) X 0.65 liters/foot ~ 18.9 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = PUMP VOLUME + (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = Ø L + (35 feet X 0.005 liters/foot) + 0.4 liters ~ 0.6 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25	PURGING INITIATED AT: 0822	PURGING ENDED AT: 0927	TOTAL VOLUME PURGED (liters): 7.3
WATER QUALITY INSTRUMENT(S):	Horiba U-53	SERIAL NO(S):	SV5VPLhill	

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL (4.00 SU, 4.49 ms/cm, 0.0 NTU)	Xobel ORP (228 mV)	☐ Previously Calibrated		
Precalibration Readings:	9.26 °C	4.00 SU	266 mV	4.62 mS/cm	0.75 NTU	11.23 mg/L
Calibrated Readings:	9.13 °C	4.00 SU	270 mV	4.50 mS/cm	0.00 NTU	11.25 mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	0826	0.6	0.6	0.15	1.73	11.9	4.98	106	0.046	7.99	0
3.0	0906	4.4	5.0	0.11	1.91	15.2	5.13	94	0.043	3.04	2.86
3.0	0911	0.5	5.5	0.11	1.92	15.3	5.10	96	0.043	1.68	3.34
3.0	0916	0.6	6.1	0.11	1.92	14.9	5.13	97	0.042	1.74	4.02
3.0	0921	0.5	6.6	0.11	1.92	14.8	5.13	99	0.042	1.92	3.93
3.0	0926	0.6	7.2	0.11	1.92	15.3	5.12	101	0.043	1.38	3.88

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): **0.75"** = 0.10; **1"** = 0.20; **1.25"** = 0.30; **2"** = 0.65; **3"** = 1.45; **4"** = 2.50; **5"** = 3.90; **6"** = 5.60; **8"** = 9.75; **10"** = 15.40; **12"** = 21.80
TUBING CAPACITY (L Per Ft): **1/16"** = 0.001 ; **0.17"** = 0.005 ; **¼"** = 0.01 ; **⅜"** = 0.022 ; **½"** = 0.04 ; **⅝"** = 0.06 ; **¾"** = 0.09 ; **⅞"** = 0.12 ; **1"** = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA[21] (THREE CONSECUTIVE READINGS **AFTER DEPTH TO WATER HAS STABILIZED**)

Required:
Turbidity: <10 NTU, or stable (±10%)
pH: ± 0.1 SU
Specific Conductance: ± 5% (µS/cm)
Dissolved Oxygen: 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
Temperature (°C)
Oxygen Reduction Potential (mV)

[21] Regioni 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/13/18
WELL NO:	GW-42I	SAMPLE ID:	GW-42I	QC SAMPLE?	☐ YES ☒ NO
ID:					

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

NOTES:

NOTES:

☐ CONTINUED ON ADDITIONAL SHEETS

CHEMICAL PARAMETER STABILIZATION CRITERIA[22] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	DATE SAMPLED:	SAMPLING INITIATED AT:
R. Hilliard / AECOM	[signature]	3/13/18	0930
PUMP OR TUBING DEPTH IN WELL (feet): 25	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1008
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	QC Sample Collected: Y (N) ☐ Duplicate ☐ Equipment Blank ☐ Field Blank	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-42I	1	250 mL	PE	None	Ion Scan	PP
GW-42I	1	250 mL	PE	HNO3	Total RCRA Metals	PP
GW-42I	1	250 mL	PE	None	Cr^{6+}	PP
GW-42I	2	1 L	AG	None	8270C – SIM	VT
GW-42I	2	40 mL	CG	HCl	BTEX – 8260	RFPP

REMARKS:
*Creosote odor

TOTAL DEPTH OF WELL AFTER SAMPLE COLLECTION

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

SAMPLING / PURGING EQUIPMENT CODES: **B** = Bailer; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **BP** = Bladder Pump **SM** = Straw Method (Tubing Gravity Drain); **RFPP** = Reverse Flow Peristaltic Pump (modified straw method); **VT** = Vacuum Trap; **O** = Other (Specify)

[22] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/13/18
WELL NO:	GW-43I	SAMPLE ID:	GW-43I	QC SAMPLE?	☒ YES ☐ NO — ID: DUP-1

PURGING DATA

WELL DIAMETER (inches): 2	WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 2.52	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (30.80 feet – 2.52 feet) X 0.65 liters/foot ~ 18.4 liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = PUMP VOLUME + (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = Ø L + (35 feet X 0.005 liters/foot) + 0.4 liters ~ 0.6 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25	PURGING INITIATED AT: 1020	PURGING ENDED AT: 1125	TOTAL VOLUME PURGED (liters): 7.9
WATER QUALITY INSTRUMENT(S):	Horiba U-53	SERIAL NO(S):	SV5VPLMLL	

CALIBRATION DETAILS:	Calibration Standards Used:	AutoCAL (4.00 SU, 4.49 ms/cm, 0.0 NTU)	Xobel ORP (228 mV)	☒ Previously Calibrated		
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg/L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
3.0	1024	0.6	0.6	0.15	2.92	16.3	4.90	104	0.170	9.54	0.67
3.0	1039	1.8	2.4	0.12	3.40	17.7	4.81	52	0.167	5.81	0
3.0	1049	1.2	3.6	0.12	3.49	17.5	4.80	22	0.165	4.00	0
3.0	1054	0.60	4.2	0.12	3.50	17.8	4.81	10	0.164	3.56	0
3.0	1059	0.6	4.8	0.12	3.52	18.2	4.80	-1	0.163	2.65	0
3.0	1104	0.6	5.4	0.12	3.58	18.1	4.80	-11	0.161	2.21	0
3.0	1109	0.6	6.0	0.12	3.58	18.3	4.80	-22	0.159	1.75	0
3.0	1114	0.6	6.6	0.12	3.59	18.5	4.80	-27	0.159	1.36	0
3.0	1119	0.6	7.2	0.12	3.59	18.1	4.80	-30	0.158	1.53	0
3.0	1124	0.6	7.8	0.12	3.59	18.1	4.80	-32	0.157	0.83	0

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): **0.75"** = 0.10; **1"** = 0.20; **1.25"** = 0.30; **2"** = 0.65; **3"** = 1.45; **4"** = 2.50; **5"** = 3.90; **6"** = 5.60; **8"** = 9.75; **10"** = 15.40; **12"** = 21.80
TUBING CAPACITY (L Per Ft): **1/16"** = 0.001 ; **0.17"** = 0.005 ; ¼ " = 0.01 ; ⅜" = 0.022 ; ½ " = 0.04 ; ⅝" = 0.06 ; ¾ " = 0.09 ; ⅞" = 0.12 ; **1"** = 0.16

NOTES:

CHEMICAL PARAMETER STABILIZATION CRITERIA[23] (THREE CONSECUTIVE READINGS **AFTER DEPTH TO WATER HAS STABILIZED**)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

[23] Regioni 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/13/18
WELL NO:	GW-43I	SAMPLE ID:	GW-43I	QC SAMPLE?	☒ YES ☐ NO
				ID:	DUP-1

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

NOTES:

NOTES:

☐ CONTINUED ON ADDITIONAL SHEETS

CHEMICAL PARAMETER STABILIZATION CRITERIA[24] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: R. Hilliard / AECOM	SAMPLER(S) SIGNATURES:	DATE SAMPLED: 3/13/18	SAMPLING INITIATED AT: 1138
PUMP OR TUBING DEPTH IN WELL (feet): 25	SAMPLE PUMP FLOW RATE (L per minute): 0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1240
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	QC Sample Collected: (Y) N ☒ Duplicate ☐ Equipment Blank ☐ Field Blank	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
DUP-1 GW-43I	~~1~~ 3	250 mL	PE	None	Ion Scan	PP
DUP-1 GW-43I	~~1~~ 2	250 mL	PE	HNO3	Total RCRA Metals	PP
DUP-1 GW-43I	~~1~~ 2	250 mL	PE		Cr^{6+}	PP
DUP-1 GW-43I	~~2~~ 4	1 L	AG	None	8270C – SIM	VT
DUP-1 GW-43I	~~2~~ 4	40 mL	CG	HCl	BTEX – 8260	RFPP

REMARKS:

TOTAL DEPTH OF WELL AFTER SAMPLE COLLECTION

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

SAMPLING / PURGING EQUIPMENT CODES: **B** = Bailer; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **BP** = Bladder Pump **SM** = Straw Method (Tubing Gravity Drain); **RFPP** = Reverse Flow Peristaltic Pump (modified straw method); **VT** = Vacuum Trap; **O** = Other (Specify)

[24] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/14/18
WELL NO:	GW-44I	SAMPLE ID:	GW-44I	QC SAMPLE?	☐ YES ☒ NO
ID:					

PURGING DATA

WELL DIAMETER (inches): 2	WELL SCREEN INTERVAL DEPTH: 20 feet to 30 feet	STATIC DEPTH TO WATER (feet): 4.30	PURGE PUMP TYPE OR BAILER: Peristaltic

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY

1 WELL VOLUME = (30.66 feet – 4.30 feet) X 0.65 liters/foot ~ liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOLUME = PUMP VOLUME + (TOTAL LENGTH OF TUBING X TUBING CAPACITY) + FLOW THROUGH CELL VOLUME

1 EQUIPMENT VOLUME = Ø L + (40 feet X 0.005 liters/foot) + 0.4 liters ~ 0.6 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25	PURGING INITIATED AT: 1217	PURGING ENDED AT: 1342	TOTAL VOLUME PURGED (liters): 12.9
WATER QUALITY INSTRUMENT(S): Horiba U-53		SERIAL NO(S): 5V5VPLMU		

CALIBRATION DETAILS:	Calibration Standards Used: AutoCAL (4.00 SU, 4.49 ms/cm, 0.0 NTU) Xobel ORP (228 mV) ☒ Previously Calibrated					
Precalibration Readings:	°C	SU	mV	mS/cm	NTU	mg/L
Calibrated Readings:	°C	SU	mV	mS/cm	NTU	mg/L

FIELD DATA TABLE

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)
4.0	1226	1.5	1.5	0.15	5.72	18.7	5.30	-30	0.337	433	0.15
4.0	1231	1.5	3.0	0.15	7.67	19.2	5.17	-45	0.326	28.1	0
4.0	1246	1.5	4.5	0.15	9.23	19.7	5.15	-46	0.323	14.5	0
4.0	1256	1.5	6.0	0.15	10.45	19.6	5.14	-48	0.322	11.7	0
4.0	1306	1.5	7.5	0.15	11.46	20.0	5.14	-49	0.323	8.25	0
4.0	1311	0.75	8.25	0.15	11.84	19.9	5.11	-47	0.323	7.57	0
4.0	1316	0.75	9.0	0.15	11.99	19.9	5.11	-47	0.322	6.33	0
4.0	1321	0.75	9.75	0.15	12.06	19.9	5.12	-48	0.322	4.78	0
4.0	1326	0.75	10.5	0.15	12.09	20.2	5.11	-46	0.321	4.96	0
4.0	1331	0.75	11.25	0.15	12.08	20.2	5.12	-48	0.321	3.92	0
4.0	1336	0.75	12.0	0.15	12.08	20.1	5.12	-48	0.322	3.15	0
4.0	1341	0.75	12.75	0.15	12.08	20.0	5.11	-46	0.321	2.61	0

☐ CONTINUED ON REVERSE SIDE

WELL CAPACITY (L Per Ft): **0.75"** = 0.10; **1"** = 0.20; **1.25"** = 0.30; **2"** = 0.65; **3"** = 1.45; **4"** = 2.50; **5"** = 3.90; **6"** = 5.60; **8"** = 9.75; **10"** = 15.40; **12"** = 21.80
TUBING CAPACITY (L Per Ft): **1/16"** = 0.001 ; **0.17"** = 0.005 ; ¼" = 0.01 ; ⅜" = 0.022 ; ½" = 0.04 ; ⅝" = 0.06 ; ¾" = 0.09 ; ⅞" = 0.12 ; **1"** = 0.16

NOTES: * Initially highly turbid, disconnected from flow cell for first 5 minutes. Some sheen in purge bucket, very strong creosote odor,

CHEMICAL PARAMETER STABILIZATION CRITERIA[25] (THREE CONSECUTIVE READINGS **AFTER DEPTH TO WATER HAS STABILIZED**)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

[25] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

AECOM GROUNDWATER SAMPLING LOG

SITE NAME:	Georgia Department of Transportation Former Maintenance Facility	SITE LOCATION:	213 Walker Street West Douglas, GA 31533	DATE:	3/14/18
WELL NO:	GW-44I	SAMPLE ID:	GW-44I	QC SAMPLE?	☐ YES ☒ NO
ID:					

FIELD DATA TABLE (continued)

PUMP SETTING / PSI	TIME	VOLUME PURGED (liters)	TOTAL VOLUME PURGED (liters)	PURGE RATE (L/min)	DEPTH TO WATER (feet)	TEMP. (°C)	pH (standard units)	OXYGEN REDUCTION POTENTIAL (mV)	SPECIFIC COND. (µS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)

NOTES:

NOTES:

☐ CONTINUED ON ADDITIONAL SHEETS

CHEMICAL PARAMETER STABILIZATION CRITERIA[26] (THREE CONSECUTIVE READINGS AFTER DEPTH TO WATER HAS STABILIZED)

Required:
- **Turbidity:** <10 NTU, or stable (±10%)
- **pH:** ± 0.1 SU
- **Specific Conductance:** ± 5% (µS/cm)
- **Dissolved Oxygen:** 0.2 mg/L or ± 10% of saturation (whichever is greater)

Record Only:
- **Temperature** (°C)
- **Oxygen Reduction Potential** (mV)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	DATE SAMPLED:	SAMPLING INITIATED AT:
R. Hilliard / AECOM	[signature]	3/14/18	1343
PUMP OR TUBING DEPTH IN WELL (feet): 25	SAMPLE PUMP FLOW RATE (L per minute): 0.15/0.1	TUBING MATERIAL CODE: PE	SAMPLING ENDED AT: 1412
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	QC Sample Collected: Y (N) ☐ Duplicate ☐Equipment Blank ☐ Field Blank	

SAMPLE ID	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	VOLUME	MATERIAL CODE	PRESERVATIVE USED		
GW-44I	1	250 mL	PE	None	Ion Scan	PP
GW-44I	1	250 mL	PE	HNO3	Total RCRA Metals	PP
GW-44I	1	250 mL	PE	None	Cr^{6+}	PP
GW-44I	2	1 L	AG	None	8270C – SIM	VT
GW-44I	2	40 mL	CG	HCl	BTEX – 8260	RFPP

REMARKS:

TOTAL DEPTH OF WELL AFTER SAMPLE COLLECTION

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

SAMPLING / PURGING EQUIPMENT CODES: **B** = Bailer; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **BP** = Bladder Pump **SM** = Straw Method (Tubing Gravity Drain); **RFPP** = Reverse Flow Peristaltic Pump (modified straw method); **VT** = Vacuum Trap; **O** = Other (Specify)

[26] Region 4 US Environmental Protection Agency Science and Ecosystem Support Division Operating Procedure for Groundwater Sampling (SESDPROC-301-R3), Section 3.2.1.1.2.

Appendix C
Laboratory Analytical Data Reports

(Only provided electronically)

Appendix C1
December 2017 Lab Report

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 04, 2018

Felix Nchako
AECOM

1360 Peachtree Street NE Suite 500
Atlanta GA 30309

RE: GDOT - Walker Street

Dear Felix Nchako: Order No: 1712M48

Analytical Environmental Services, Inc. received 20 samples on 12/22/2017 12:45:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES's accreditations are as follows:
-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/17-06/30/18.
State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/17-06/30/18 and Total Coliforms/ E. coli, effective 04/25/17-04/24/20.
-NELAP/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/17-06/30/18.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/19.
These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Ioana Pacurar

Ioana Pacurar

Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3080 Presidential Drive Atlanta, GA 30340-3704
Phone: (770) 457-8177 / Toll-Free: (800) 972-4889 / Fax: (770) 457-8188

AES

CHAIN OF CUSTODY

Work Order: 1712M48

Date: 12/18/17 Page 1 of 2

COMPANY: AECOM

ADDRESS: 1360 Peachtree St. NE Suite 500 Atlanta GA 30309

PHONE: 678-808-8979

EMAIL: ron.hilliard@aecom.com

SAMPLED BY: R. Hilliard / AECOM

SIGNATURE: [signature]

ANALYSIS REQUESTED

Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.

#	SAMPLE ID	SAMPLED: DATE	SAMPLED: TIME	GRAB	COMPOSITE	MATRIX (see codes)	RCRA metals	Hex. Chromium	Chloride	8270C-SIM	BTEX	REMARKS	Number of Containers
							PRESERVATION (see codes)						
							N	I	I	I	HI		
1	GW-20I	12/18/17	1224	X		GW	1	1	1	2	2		7
2	GW-20S	12/18/17	1533	X		GW	1	1	1	2	2		7
3	GW-42I	12/18/17	1807	X		GW	1	1	1	2	2		7
4	DUP-1	12/18/17	—	X		GW	1	1	1	2	2		7
5	GW-43I	12/19/17	0909	X		GW	1	1	1	2	2		7
6	GW-32I	12/19/17	1152	X		GW	1	1	1	2	2		7
7	GW-41S	12/19/17	1346	X		GW	1	1	1	2	2		7
8	GW-29S	12/20/17	0721	X		GW	1	1	1	2	2		7
9	GW-31I	12/20/17	1032	X		GW	1	1	1	2	2		7
10	GW-44I	12/20/17	1310	X		GW	1	1	1	2	2		7
11	GW-28I	12/20/17	1554	X		GW	1	1	1	2	2		7
12	GW-27I	12/20/17	1817	X		GW	1	1	1	2	2		7
13	GW-27I MS	12/20/17	1817	X		GW	1	1	1	2	2		7
14	GW-27I MSD	12/20/17	1817	X		GW	1	1	1	2	2		7

RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1. [signature]	12/22/17 1245	1. [signature]	12/22/17 1245pm
2.		2.	
3.		3.	

SPECIAL INSTRUCTIONS/COMMENTS:
Run Hex. Chromium
Samples out of hold

SHIPMENT METHOD
OUT: / / VIA:
IN: / / VIA:
client FedEx UPS US mail courier Greyhound
other: _____

PROJECT INFORMATION
PROJECT NAME: GDOT- Walker Street
PROJECT #: 60440866
SITE ADDRESS: West Walker Street Douglas, GA
SEND REPORT TO: Felix.Nohako@aecom.com
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #: _____ PO#: _____

RECEIPT
Total # of Containers

Turnaround Time (TAT) Request
- [x] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same-Day Rush (auth req.)
- [ ] Other _____

STATE PROGRAM (if any): _____
E-mail? [ ] Fax? [ ]
DATA PACKAGE: I ○ II ○ III ○ IV ○

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arangements are made.

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

Preservative Codes: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3080 Presidential Drive Atlanta, GA 30340-3704
Phone: (770) 457-8177 / Toll-Free: (800) 972-4889 / Fax: (770) 457-8188

AES

CHAIN OF CUSTODY

Work Order: 1712M48

Date: 12/21/17 Page 2 of 2

COMPANY: AECOM

ADDRESS: 1360 Peachtree St. NE. Suite 500 Atlanta Ga 30309

PHONE: 678-808-8979

EMAIL: ron.hilliard@aecom.com

SAMPLED BY: R. Hilliard / AECOM

SIGNATURE: [signature]

Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.

ANALYSIS REQUESTED

#	SAMPLE ID	SAMPLED: DATE	SAMPLED: TIME	GRAB	COMPOSITE	MATRIX (see codes)	RCRA Metals	Hex. Chromium	Chloride	8270C-SIM	BTEX								REMARKS	Number of Containers
							N	I	I	I	H+I									
1	GW-24I	12/21/17	0903	X		GW	1	1	1	2	2									7
2	GW-33I	12/21/17	1107	X		GW	1	1	1	2	2									7
3																				1
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				

PRESERVATION (see codes)

RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1. [signature]	12/22/17 1245	[signature]	12/22/17 1245pm
2.		2.	
3.		3.	

SPECIAL INSTRUCTIONS/COMMENTS: Run Hex Chromium Samples out of hold.

SHIPMENT METHOD
OUT: / / VIA:
IN: / / VIA:
client FedEx UPS US mail courier Greyhound
other: _____

PROJECT INFORMATION
PROJECT NAME: GDOT - Walker Street
PROJECT #: 60440866
SITE ADDRESS: West Walker Street Douglas, Ga
SEND REPORT TO: Felix.Nchako@aecom.com
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #: _____ PO#: _____

RECEIPT
Total # of Containers

Turnaround Time (TAT) Request
- [x] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same-Day Rush (auth req.)
- [ ] Other _____

STATE PROGRAM (if any): _____
E-mail? [ ] Fax? [ ]
DATA PACKAGE: I ○ II ○ III ○ IV ○

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arangements are made.

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

Preservative Codes: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Client: AECOM
Project: GDOT - Walker Street
Lab ID: 1712M48

Case Narrative

Sample Receiving Non-conformance:

Six set of Trip Blanks were provided but not listed on the Chain of Custody. All Trip blanks were analyzed at no cost to the client.

Hexavalent Chromium by Method SM3500-Cr-B:

Samples GW-20I through GW-27I for Hexavalent Chromium analysis by Method SM3500-Cr-B were received and analyzed outside EPA/Method specified holding time of 24 hours. The laboratory proceeded with all samples per Chain of Custody special instructions/comments.

PAH Analysis by Method 8270D/SIM:

Due to sample matrix, sample 1712M48-003E, -004E, -005E, -008E, -010E required dilution during preparation and/or analysis resulting in elevated reporting limits.

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-20I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/18/2017 12:24:00 PM
Lab ID:	1712M48-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 05:18	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 05:18	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 05:18	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 05:18	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 05:18	CC
Surr: 4-Bromofluorobenzene	97.2	68-127		%REC	253615	1	12/29/2017 05:18	CC
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	47	10		ug/L	253378	100	12/27/2017 10:17	YH
2-Methylnaphthalene	BRL	10		ug/L	253378	1	12/26/2017 14:13	YH
1-Methylnaphthalene	BRL	10		ug/L	253378	1	12/26/2017 14:13	YH
Acenaphthylene	BRL	10		ug/L	253378	1	12/26/2017 14:13	YH
Acenaphthene	BRL	10		ug/L	253378	1	12/26/2017 14:13	YH
Fluorene	BRL	10		ug/L	253378	1	12/26/2017 14:13	YH
Phenanthrene	12	10		ug/L	253378	100	12/27/2017 10:17	YH
Anthracene	12	10		ug/L	253378	100	12/27/2017 10:17	YH
Fluoranthene	BRL	10		ug/L	253378	1	12/26/2017 14:13	YH
Pyrene	BRL	10		ug/L	253378	1	12/26/2017 14:13	YH
Benz(a)anthracene	BRL	0.050		ug/L	253378	1	12/26/2017 14:13	YH
Chrysene	BRL	0.050		ug/L	253378	1	12/26/2017 14:13	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	253378	1	12/26/2017 14:13	YH
Benzo(k)fluoranthene	BRL	10		ug/L	253378	1	12/26/2017 14:13	YH
Benzo(a)pyrene	BRL	0.050		ug/L	253378	1	12/26/2017 14:13	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	253378	1	12/26/2017 14:13	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	253378	1	12/26/2017 14:13	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	253378	1	12/26/2017 14:13	YH
Surr: 4-Terphenyl-d14	118	59.9-128		%REC	253378	1	12/26/2017 14:13	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	253557	1	12/29/2017 14:26	JR
ION SCAN SW9056A								
Chloride	2.7	1.0		mg/L	R359902	1	12/27/2017 02:23	JC
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R359723	1	12/22/2017 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	253469	1	12/28/2017 15:32	IO
Barium	0.0207	0.0200		mg/L	253469	1	12/28/2017 15:32	IO
Cadmium	BRL	0.0050		mg/L	253469	1	12/28/2017 15:32	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-20I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/18/2017 12:24:00 PM
Lab ID:	1712M48-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	253469	1	12/28/2017 15:32	IO
Lead	BRL	0.0100		mg/L	253469	1	12/28/2017 15:32	IO
Selenium	BRL	0.0200		mg/L	253469	1	12/28/2017 15:32	IO
Silver	BRL	0.0100		mg/L	253469	1	12/28/2017 15:32	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-20S
Project Name:	GDOT - Walker Street	**Collection Date:**	12/18/2017 3:33:00 PM
Lab ID:	1712M48-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	1.5	1.0		ug/L	253615	1	12/29/2017 06:08	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 06:08	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 06:08	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 06:08	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 06:08	CC
Surr: 4-Bromofluorobenzene	98.3	68-127		%REC	253615	1	12/29/2017 06:08	CC
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	380	10		ug/L	253378	100	12/27/2017 10:43	YH
2-Methylnaphthalene	BRL	10		ug/L	253378	1	12/26/2017 14:40	YH
1-Methylnaphthalene	25	10		ug/L	253378	100	12/27/2017 10:43	YH
Acenaphthylene	BRL	10		ug/L	253378	1	12/26/2017 14:40	YH
Acenaphthene	47	10		ug/L	253378	100	12/27/2017 10:43	YH
Fluorene	48	10		ug/L	253378	100	12/27/2017 10:43	YH
Phenanthrene	11	10		ug/L	253378	100	12/27/2017 10:43	YH
Anthracene	BRL	10		ug/L	253378	1	12/26/2017 14:40	YH
Fluoranthene	BRL	10		ug/L	253378	1	12/26/2017 14:40	YH
Pyrene	BRL	10		ug/L	253378	1	12/26/2017 14:40	YH
Benz(a)anthracene	0.050	0.050		ug/L	253378	1	12/26/2017 14:40	YH
Chrysene	0.056	0.050		ug/L	253378	1	12/26/2017 14:40	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	253378	1	12/26/2017 14:40	YH
Benzo(k)fluoranthene	BRL	10		ug/L	253378	1	12/26/2017 14:40	YH
Benzo(a)pyrene	BRL	0.050		ug/L	253378	1	12/26/2017 14:40	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	253378	1	12/26/2017 14:40	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	253378	1	12/26/2017 14:40	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	253378	1	12/26/2017 14:40	YH
Surr: 4-Terphenyl-d14	101	59.9-128		%REC	253378	1	12/26/2017 14:40	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	253557	1	12/29/2017 14:29	JR
ION SCAN SW9056A								
Chloride	26	1.0		mg/L	R359902	1	12/27/2017 02:53	JC
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R359723	1	12/22/2017 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	253469	1	12/28/2017 15:35	IO
Barium	0.149	0.0200		mg/L	253469	1	12/28/2017 15:35	IO
Cadmium	BRL	0.0050		mg/L	253469	1	12/28/2017 15:35	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-20S
Project Name:	GDOT - Walker Street	**Collection Date:**	12/18/2017 3:33:00 PM
Lab ID:	1712M48-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	253469	1	12/28/2017 15:35	IO
Lead	BRL	0.0100		mg/L	253469	1	12/28/2017 15:35	IO
Selenium	BRL	0.0200		mg/L	253469	1	12/28/2017 15:35	IO
Silver	BRL	0.0100		mg/L	253469	1	12/28/2017 15:35	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-42I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/18/2017 6:07:00 PM
Lab ID:	1712M48-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 05:43	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 05:43	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 05:43	CC
m,p-Xylene	1.6	1.0		ug/L	253615	1	12/29/2017 05:43	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 05:43	CC
Surr: 4-Bromofluorobenzene	98.9	68-127		%REC	253615	1	12/29/2017 05:43	CC
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	190	10		ug/L	253378	100	12/27/2017 11:09	YH
2-Methylnaphthalene	BRL	10		ug/L	253378	100	12/27/2017 11:09	YH
1-Methylnaphthalene	19	10		ug/L	253378	100	12/27/2017 11:09	YH
Acenaphthylene	BRL	10		ug/L	253378	1	12/26/2017 15:07	YH
Acenaphthene	27	10		ug/L	253378	100	12/27/2017 11:09	YH
Fluorene	12	10		ug/L	253378	100	12/27/2017 11:09	YH
Phenanthrene	14	10		ug/L	253378	100	12/27/2017 11:09	YH
Anthracene	BRL	10		ug/L	253378	1	12/26/2017 15:07	YH
Fluoranthene	BRL	10		ug/L	253378	1	12/26/2017 15:07	YH
Pyrene	BRL	10		ug/L	253378	1	12/26/2017 15:07	YH
Benz(a)anthracene	BRL	0.050		ug/L	253378	1	12/26/2017 15:07	YH
Chrysene	BRL	0.050		ug/L	253378	1	12/26/2017 15:07	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	253378	1	12/26/2017 15:07	YH
Benzo(k)fluoranthene	BRL	10		ug/L	253378	1	12/26/2017 15:07	YH
Benzo(a)pyrene	BRL	0.050		ug/L	253378	1	12/26/2017 15:07	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	253378	1	12/26/2017 15:07	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	253378	1	12/26/2017 15:07	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	253378	1	12/26/2017 15:07	YH
Surr: 4-Terphenyl-d14	106	59.9-128		%REC	253378	1	12/26/2017 15:07	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	253557	1	12/29/2017 14:32	JR
ION SCAN SW9056A								
Chloride	2.9	1.0		mg/L	R359902	1	12/27/2017 03:08	JC
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R359723	1	12/22/2017 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	253469	1	12/28/2017 15:38	IO
Barium	BRL	0.0200		mg/L	253469	1	12/28/2017 15:38	IO
Cadmium	BRL	0.0050		mg/L	253469	1	12/28/2017 15:38	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-42I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/18/2017 6:07:00 PM
Lab ID:	1712M48-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	253469	1	12/28/2017 15:38	IO
Lead	BRL	0.0100		mg/L	253469	1	12/28/2017 15:38	IO
Selenium	BRL	0.0200		mg/L	253469	1	12/28/2017 15:38	IO
Silver	BRL	0.0100		mg/L	253469	1	12/28/2017 15:38	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	DUP-1
Project Name:	GDOT - Walker Street	**Collection Date:**	12/18/2017
Lab ID:	1712M48-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 06:32	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 06:32	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 06:32	CC
m,p-Xylene	2.0	1.0		ug/L	253615	1	12/29/2017 06:32	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 06:32	CC
Surr: 4-Bromofluorobenzene	99.2	68-127		%REC	253615	1	12/29/2017 06:32	CC
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	110	10		ug/L	253378	100	12/27/2017 11:36	YH
2-Methylnaphthalene	BRL	10		ug/L	253378	100	12/27/2017 11:36	YH
1-Methylnaphthalene	15	10		ug/L	253378	100	12/27/2017 11:36	YH
Acenaphthylene	BRL	10		ug/L	253378	1	12/26/2017 16:01	YH
Acenaphthene	22	10		ug/L	253378	100	12/27/2017 11:36	YH
Fluorene	10	10		ug/L	253378	100	12/27/2017 11:36	YH
Phenanthrene	12	10		ug/L	253378	100	12/27/2017 11:36	YH
Anthracene	BRL	10		ug/L	253378	1	12/26/2017 16:01	YH
Fluoranthene	BRL	10		ug/L	253378	1	12/26/2017 16:01	YH
Pyrene	BRL	10		ug/L	253378	1	12/26/2017 16:01	YH
Benz(a)anthracene	BRL	0.050		ug/L	253378	1	12/26/2017 16:01	YH
Chrysene	BRL	0.050		ug/L	253378	1	12/26/2017 16:01	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	253378	1	12/26/2017 16:01	YH
Benzo(k)fluoranthene	BRL	10		ug/L	253378	1	12/26/2017 16:01	YH
Benzo(a)pyrene	BRL	0.050		ug/L	253378	1	12/26/2017 16:01	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	253378	1	12/26/2017 16:01	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	253378	1	12/26/2017 16:01	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	253378	1	12/26/2017 16:01	YH
Surr: 4-Terphenyl-d14	111	59.9-128		%REC	253378	1	12/26/2017 16:01	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	253557	1	12/29/2017 14:36	JR
ION SCAN SW9056A								
Chloride	2.8	1.0		mg/L	R359902	1	12/27/2017 03:23	JC
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R359723	1	12/22/2017 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	253469	1	12/28/2017 15:42	IO
Barium	BRL	0.0200		mg/L	253469	1	12/28/2017 15:42	IO
Cadmium	BRL	0.0050		mg/L	253469	1	12/28/2017 15:42	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	DUP-1
Project Name:	GDOT - Walker Street	**Collection Date:**	12/18/2017
Lab ID:	1712M48-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	253469	1	12/28/2017 15:42	IO
Lead	BRL	0.0100		mg/L	253469	1	12/28/2017 15:42	IO
Selenium	BRL	0.0200		mg/L	253469	1	12/28/2017 15:42	IO
Silver	BRL	0.0100		mg/L	253469	1	12/28/2017 15:42	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-43I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/19/2017 9:09:00 AM
Lab ID:	1712M48-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 06:57	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 06:57	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 06:57	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 06:57	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 06:57	CC
Surr: 4-Bromofluorobenzene	97.7	68-127		%REC	253615	1	12/29/2017 06:57	CC
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	37	10		ug/L	253400	100	12/27/2017 12:04	YH
2-Methylnaphthalene	BRL	10		ug/L	253400	1	12/26/2017 17:45	YH
1-Methylnaphthalene	BRL	10		ug/L	253400	100	12/27/2017 12:04	YH
Acenaphthylene	BRL	10		ug/L	253400	1	12/26/2017 17:45	YH
Acenaphthene	BRL	10		ug/L	253400	1	12/26/2017 17:45	YH
Fluorene	BRL	10		ug/L	253400	1	12/26/2017 17:45	YH
Phenanthrene	BRL	10		ug/L	253400	100	12/27/2017 12:04	YH
Anthracene	BRL	10		ug/L	253400	1	12/26/2017 17:45	YH
Fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 17:45	YH
Pyrene	BRL	10		ug/L	253400	1	12/26/2017 17:45	YH
Benz(a)anthracene	BRL	0.050		ug/L	253400	1	12/26/2017 17:45	YH
Chrysene	BRL	0.050		ug/L	253400	1	12/26/2017 17:45	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	253400	1	12/26/2017 17:45	YH
Benzo(k)fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 17:45	YH
Benzo(a)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 17:45	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 17:45	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	253400	1	12/26/2017 17:45	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	253400	1	12/26/2017 17:45	YH
Surr: 4-Terphenyl-d14	145	59.9-128	S	%REC	253400	1	12/26/2017 17:45	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	253557	1	12/29/2017 14:39	JR
ION SCAN SW9056A								
Chloride	5.1	1.0		mg/L	R359902	1	12/27/2017 04:23	JC
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R359723	1	12/22/2017 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	253469	1	12/28/2017 15:45	IO
Barium	0.0862	0.0200		mg/L	253469	1	12/28/2017 15:45	IO
Cadmium	BRL	0.0050		mg/L	253469	1	12/28/2017 15:45	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-43I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/19/2017 9:09:00 AM
Lab ID:	1712M48-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	253469	1	12/28/2017 15:45	IO
Lead	BRL	0.0100		mg/L	253469	1	12/28/2017 15:45	IO
Selenium	BRL	0.0200		mg/L	253469	1	12/28/2017 15:45	IO
Silver	BRL	0.0100		mg/L	253469	1	12/28/2017 15:45	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-32I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/19/2017 11:52:00 AM
Lab ID:	1712M48-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 07:22	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 07:22	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 07:22	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 07:22	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 07:22	CC
Surr: 4-Bromofluorobenzene	101	68-127		%REC	253615	1	12/29/2017 07:22	CC
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	15	10		ug/L	253400	100	12/27/2017 12:30	YH
2-Methylnaphthalene	BRL	10		ug/L	253400	1	12/26/2017 18:11	YH
1-Methylnaphthalene	BRL	10		ug/L	253400	1	12/26/2017 18:11	YH
Acenaphthylene	BRL	10		ug/L	253400	1	12/26/2017 18:11	YH
Acenaphthene	BRL	10		ug/L	253400	1	12/26/2017 18:11	YH
Fluorene	BRL	10		ug/L	253400	1	12/26/2017 18:11	YH
Phenanthrene	BRL	10		ug/L	253400	1	12/26/2017 18:11	YH
Anthracene	BRL	10		ug/L	253400	1	12/26/2017 18:11	YH
Fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 18:11	YH
Pyrene	BRL	10		ug/L	253400	1	12/26/2017 18:11	YH
Benz(a)anthracene	BRL	0.050		ug/L	253400	1	12/26/2017 18:11	YH
Chrysene	BRL	0.050		ug/L	253400	1	12/26/2017 18:11	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	253400	1	12/26/2017 18:11	YH
Benzo(k)fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 18:11	YH
Benzo(a)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 18:11	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 18:11	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	253400	1	12/26/2017 18:11	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	253400	1	12/26/2017 18:11	YH
Surr: 4-Terphenyl-d14	114	59.9-128		%REC	253400	1	12/26/2017 18:11	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	253557	1	12/29/2017 14:42	JR
ION SCAN SW9056A								
Chloride	6.2	1.0		mg/L	R359902	1	12/27/2017 04:39	JC
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R359723	1	12/22/2017 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	253469	1	12/28/2017 15:48	IO
Barium	0.0734	0.0200		mg/L	253469	1	12/28/2017 15:48	IO
Cadmium	BRL	0.0050		mg/L	253469	1	12/28/2017 15:48	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-32I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/19/2017 11:52:00 AM
Lab ID:	1712M48-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	253469	1	12/28/2017 15:48	IO
Lead	BRL	0.0100		mg/L	253469	1	12/28/2017 15:48	IO
Selenium	BRL	0.0200		mg/L	253469	1	12/28/2017 15:48	IO
Silver	BRL	0.0100		mg/L	253469	1	12/28/2017 15:48	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-41S
Project Name:	GDOT - Walker Street	**Collection Date:**	12/19/2017 1:46:00 PM
Lab ID:	1712M48-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 07:48	CC
Toluene	1.3	1.0		ug/L	253615	1	12/29/2017 07:48	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 07:48	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 07:48	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 07:48	CC
Surr: 4-Bromofluorobenzene	98.3	68-127		%REC	253615	1	12/29/2017 07:48	CC
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	BRL	10		ug/L	253400	1	12/26/2017 18:37	YH
2-Methylnaphthalene	BRL	10		ug/L	253400	1	12/26/2017 18:37	YH
1-Methylnaphthalene	BRL	10		ug/L	253400	1	12/26/2017 18:37	YH
Acenaphthylene	BRL	10		ug/L	253400	1	12/26/2017 18:37	YH
Acenaphthene	BRL	10		ug/L	253400	1	12/26/2017 18:37	YH
Fluorene	11	10		ug/L	253400	100	12/27/2017 12:56	YH
Phenanthrene	30	10		ug/L	253400	100	12/27/2017 12:56	YH
Anthracene	BRL	10		ug/L	253400	1	12/26/2017 18:37	YH
Fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 18:37	YH
Pyrene	BRL	10		ug/L	253400	1	12/26/2017 18:37	YH
Benz(a)anthracene	BRL	0.050		ug/L	253400	1	12/26/2017 18:37	YH
Chrysene	BRL	0.050		ug/L	253400	1	12/26/2017 18:37	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	253400	1	12/26/2017 18:37	YH
Benzo(k)fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 18:37	YH
Benzo(a)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 18:37	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 18:37	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	253400	1	12/26/2017 18:37	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	253400	1	12/26/2017 18:37	YH
Surr: 4-Terphenyl-d14	110	59.9-128		%REC	253400	1	12/26/2017 18:37	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	253557	1	01/02/2018 16:28	AS
ION SCAN SW9056A								
Chloride	7.4	1.0		mg/L	R359902	1	12/27/2017 04:54	JC
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R359723	1	12/22/2017 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	253469	1	12/28/2017 15:51	IO
Barium	0.0681	0.0200		mg/L	253469	1	12/28/2017 15:51	IO
Cadmium	BRL	0.0050		mg/L	253469	1	12/28/2017 15:51	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-41S
Project Name:	GDOT - Walker Street	**Collection Date:**	12/19/2017 1:46:00 PM
Lab ID:	1712M48-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	253469	1	12/28/2017 15:51	IO
Lead	BRL	0.0100		mg/L	253469	1	12/28/2017 15:51	IO
Selenium	BRL	0.0200		mg/L	253469	1	12/28/2017 15:51	IO
Silver	BRL	0.0100		mg/L	253469	1	12/28/2017 15:51	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-29S
Project Name:	GDOT - Walker Street	**Collection Date:**	12/20/2017 7:21:00 AM
Lab ID:	1712M48-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	33	1.0		ug/L	253615	1	12/29/2017 10:19	CC
Toluene	4.7	1.0		ug/L	253615	1	12/29/2017 10:19	CC
Ethylbenzene	15	1.0		ug/L	253615	1	12/29/2017 10:19	CC
m,p-Xylene	26	1.0		ug/L	253615	1	12/29/2017 10:19	CC
o-Xylene	18	1.0		ug/L	253615	1	12/29/2017 10:19	CC
Surr: 4-Bromofluorobenzene	101	68-127		%REC	253615	1	12/29/2017 10:19	CC
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	2900	500		ug/L	253400	10000	12/27/2017 15:59	YH
2-Methylnaphthalene	140	10		ug/L	253400	100	12/27/2017 13:22	YH
1-Methylnaphthalene	210	10		ug/L	253400	100	12/27/2017 13:22	YH
Acenaphthylene	BRL	10		ug/L	253400	1	12/26/2017 19:03	YH
Acenaphthene	190	10		ug/L	253400	100	12/27/2017 13:22	YH
Fluorene	91	10		ug/L	253400	100	12/27/2017 13:22	YH
Phenanthrene	95	10		ug/L	253400	100	12/27/2017 13:22	YH
Anthracene	BRL	10		ug/L	253400	1	12/26/2017 19:03	YH
Fluoranthene	BRL	10		ug/L	253400	100	12/27/2017 13:22	YH
Pyrene	BRL	10		ug/L	253400	1	12/26/2017 19:03	YH
Benz(a)anthracene	0.16	0.050		ug/L	253400	1	12/26/2017 19:03	YH
Chrysene	0.16	0.050		ug/L	253400	1	12/26/2017 19:03	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	253400	1	12/26/2017 19:03	YH
Benzo(k)fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 19:03	YH
Benzo(a)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 19:03	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 19:03	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	253400	1	12/26/2017 19:03	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	253400	1	12/26/2017 19:03	YH
Surr: 4-Terphenyl-d14	98.8	59.9-128		%REC	253400	1	12/26/2017 19:03	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	253557	1	01/02/2018 16:30	AS
ION SCAN SW9056A								
Chloride	6.2	1.0		mg/L	R359902	1	12/27/2017 05:09	JC
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R359723	1	12/22/2017 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	253469	1	12/28/2017 15:55	IO
Barium	0.0843	0.0200		mg/L	253469	1	12/28/2017 15:55	IO
Cadmium	BRL	0.0050		mg/L	253469	1	12/28/2017 15:55	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-29S
Project Name:	GDOT - Walker Street	**Collection Date:**	12/20/2017 7:21:00 AM
Lab ID:	1712M48-008	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	253469	1	12/28/2017 15:55	IO
Lead	0.0768	0.0100		mg/L	253469	1	12/28/2017 15:55	IO
Selenium	BRL	0.0200		mg/L	253469	1	12/28/2017 15:55	IO
Silver	BRL	0.0100		mg/L	253469	1	12/28/2017 15:55	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-31I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/20/2017 10:32:00 AM
Lab ID:	1712M48-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	4.0	1.0		ug/L	253615	1	12/29/2017 09:29	CC
Toluene	1.8	1.0		ug/L	253615	1	12/29/2017 09:29	CC
Ethylbenzene	5.6	1.0		ug/L	253615	1	12/29/2017 09:29	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 09:29	CC
o-Xylene	1.9	1.0		ug/L	253615	1	12/29/2017 09:29	CC
Surr: 4-Bromofluorobenzene	98.5	68-127		%REC	253615	1	12/29/2017 09:29	CC
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	1000	50		ug/L	253400	1000	12/27/2017 16:25	YH
2-Methylnaphthalene	BRL	10		ug/L	253400	1	12/26/2017 19:30	YH
1-Methylnaphthalene	100	10		ug/L	253400	100	12/27/2017 13:49	YH
Acenaphthylene	BRL	10		ug/L	253400	1	12/26/2017 19:30	YH
Acenaphthene	50	10		ug/L	253400	100	12/27/2017 13:49	YH
Fluorene	51	10		ug/L	253400	100	12/27/2017 13:49	YH
Phenanthrene	61	10		ug/L	253400	100	12/27/2017 13:49	YH
Anthracene	BRL	10		ug/L	253400	1	12/26/2017 19:30	YH
Fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 19:30	YH
Pyrene	BRL	10		ug/L	253400	1	12/26/2017 19:30	YH
Benz(a)anthracene	BRL	0.050		ug/L	253400	1	12/26/2017 19:30	YH
Chrysene	BRL	0.050		ug/L	253400	1	12/26/2017 19:30	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	253400	1	12/26/2017 19:30	YH
Benzo(k)fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 19:30	YH
Benzo(a)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 19:30	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 19:30	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	253400	1	12/26/2017 19:30	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	253400	1	12/26/2017 19:30	YH
Surr: 4-Terphenyl-d14	113	59.9-128		%REC	253400	1	12/26/2017 19:30	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	253557	1	01/02/2018 16:33	AS
ION SCAN SW9056A								
Chloride	4.8	1.0		mg/L	R359902	1	12/27/2017 05:24	JC
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R359723	1	12/22/2017 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	253469	1	12/28/2017 16:04	IO
Barium	0.182	0.0200		mg/L	253469	1	12/28/2017 16:04	IO
Cadmium	BRL	0.0050		mg/L	253469	1	12/28/2017 16:04	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-31I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/20/2017 10:32:00 AM
Lab ID:	1712M48-009	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	253469	1	12/28/2017 16:04	IO
Lead	0.0283	0.0100		mg/L	253469	1	12/28/2017 16:04	IO
Selenium	BRL	0.0200		mg/L	253469	1	12/28/2017 16:04	IO
Silver	BRL	0.0100		mg/L	253469	1	12/28/2017 16:04	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-44I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/20/2017 1:10:00 PM
Lab ID:	1712M48-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 09:54	CC
Toluene	2.6	1.0		ug/L	253615	1	12/29/2017 09:54	CC
Ethylbenzene	3.3	1.0		ug/L	253615	1	12/29/2017 09:54	CC
m,p-Xylene	9.0	1.0		ug/L	253615	1	12/29/2017 09:54	CC
o-Xylene	4.4	1.0		ug/L	253615	1	12/29/2017 09:54	CC
Surr: 4-Bromofluorobenzene	97.7	68-127		%REC	253615	1	12/29/2017 09:54	CC
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	1800	500		ug/L	253400	10000	12/27/2017 16:53	YH
2-Methylnaphthalene	640	10		ug/L	253400	100	12/27/2017 14:16	YH
1-Methylnaphthalene	330	10		ug/L	253400	100	12/27/2017 14:16	YH
Acenaphthylene	BRL	10		ug/L	253400	100	12/27/2017 14:16	YH
Acenaphthene	310	10		ug/L	253400	100	12/27/2017 14:16	YH
Fluorene	180	10		ug/L	253400	100	12/27/2017 14:16	YH
Phenanthrene	140	10		ug/L	253400	100	12/27/2017 14:16	YH
Anthracene	15	10		ug/L	253400	100	12/27/2017 14:16	YH
Fluoranthene	BRL	10		ug/L	253400	100	12/27/2017 14:16	YH
Pyrene	BRL	10		ug/L	253400	1	12/26/2017 19:56	YH
Benz(a)anthracene	0.16	0.050		ug/L	253400	1	12/26/2017 19:56	YH
Chrysene	0.21	0.050		ug/L	253400	1	12/26/2017 19:56	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	253400	1	12/26/2017 19:56	YH
Benzo(k)fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 19:56	YH
Benzo(a)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 19:56	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 19:56	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	253400	1	12/26/2017 19:56	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	253400	1	12/26/2017 19:56	YH
Surr: 4-Terphenyl-d14	129	59.9-128	S	%REC	253400	1	12/26/2017 19:56	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	253557	1	01/02/2018 16:35	AS
ION SCAN SW9056A								
Chloride	2.9	1.0		mg/L	R359902	1	12/27/2017 05:39	JC
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R359723	1	12/22/2017 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	253469	1	12/28/2017 16:08	IO
Barium	0.0643	0.0200		mg/L	253469	1	12/28/2017 16:08	IO
Cadmium	BRL	0.0050		mg/L	253469	1	12/28/2017 16:08	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-44I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/20/2017 1:10:00 PM
Lab ID:	1712M48-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	253469	1	12/28/2017 16:08	IO
Lead	0.121	0.0100		mg/L	253469	1	12/28/2017 16:08	IO
Selenium	BRL	0.0200		mg/L	253469	1	12/28/2017 16:08	IO
Silver	BRL	0.0100		mg/L	253469	1	12/28/2017 16:08	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-28I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/20/2017 3:54:00 PM
Lab ID:	1712M48-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 08:13	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 08:13	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 08:13	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 08:13	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 08:13	CC
Surr: 4-Bromofluorobenzene	102	68-127		%REC	253615	1	12/29/2017 08:13	CC
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	BRL	10		ug/L	253400	1	12/26/2017 20:21	YH
2-Methylnaphthalene	BRL	10		ug/L	253400	1	12/26/2017 20:21	YH
1-Methylnaphthalene	BRL	10		ug/L	253400	1	12/26/2017 20:21	YH
Acenaphthylene	BRL	10		ug/L	253400	1	12/26/2017 20:21	YH
Acenaphthene	BRL	10		ug/L	253400	1	12/26/2017 20:21	YH
Fluorene	BRL	10		ug/L	253400	1	12/26/2017 20:21	YH
Phenanthrene	BRL	10		ug/L	253400	1	12/26/2017 20:21	YH
Anthracene	BRL	10		ug/L	253400	1	12/26/2017 20:21	YH
Fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 20:21	YH
Pyrene	BRL	10		ug/L	253400	1	12/26/2017 20:21	YH
Benz(a)anthracene	BRL	0.050		ug/L	253400	1	12/26/2017 20:21	YH
Chrysene	BRL	0.050		ug/L	253400	1	12/26/2017 20:21	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	253400	1	12/26/2017 20:21	YH
Benzo(k)fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 20:21	YH
Benzo(a)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 20:21	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 20:21	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	253400	1	12/26/2017 20:21	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	253400	1	12/26/2017 20:21	YH
Surr: 4-Terphenyl-d14	117	59.9-128		%REC	253400	1	12/26/2017 20:21	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	253557	1	01/02/2018 16:38	AS
ION SCAN SW9056A								
Chloride	3.8	1.0		mg/L	R359902	1	12/27/2017 05:54	JC
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R359723	1	12/22/2017 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	253469	1	12/28/2017 16:11	IO
Barium	0.0441	0.0200		mg/L	253469	1	12/28/2017 16:11	IO
Cadmium	BRL	0.0050		mg/L	253469	1	12/28/2017 16:11	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-28I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/20/2017 3:54:00 PM
Lab ID:	1712M48-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	253469	1	12/28/2017 16:11	IO
Lead	BRL	0.0100		mg/L	253469	1	12/28/2017 16:11	IO
Selenium	BRL	0.0200		mg/L	253469	1	12/28/2017 16:11	IO
Silver	BRL	0.0100		mg/L	253469	1	12/28/2017 16:11	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-27I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/20/2017 6:17:00 PM
Lab ID:	1712M48-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	3.9	1.0		ug/L	253615	1	12/29/2017 03:45	CC
Toluene	16	1.0		ug/L	253615	1	12/29/2017 03:45	CC
Ethylbenzene	12	1.0		ug/L	253615	1	12/29/2017 03:45	CC
m,p-Xylene	36	1.0		ug/L	253615	1	12/29/2017 03:45	CC
o-Xylene	14	1.0		ug/L	253615	1	12/29/2017 03:45	CC
Surr: 4-Bromofluorobenzene	103	68-127		%REC	253615	1	12/29/2017 03:45	CC
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	2200	500		ug/L	253378	10000	12/27/2017 17:20	YH
2-Methylnaphthalene	390	10		ug/L	253378	100	12/27/2017 14:41	YH
1-Methylnaphthalene	240	10		ug/L	253378	100	12/27/2017 14:41	YH
Acenaphthylene	BRL	10		ug/L	253378	1	12/26/2017 16:27	YH
Acenaphthene	320	10		ug/L	253378	100	12/27/2017 14:41	YH
Fluorene	170	10		ug/L	253378	100	12/27/2017 14:41	YH
Phenanthrene	150	10		ug/L	253378	100	12/27/2017 14:41	YH
Anthracene	11	10		ug/L	253378	100	12/27/2017 14:41	YH
Fluoranthene	15	10		ug/L	253378	100	12/27/2017 14:41	YH
Pyrene	BRL	10		ug/L	253378	100	12/27/2017 14:41	YH
Benz(a)anthracene	0.37	0.050		ug/L	253378	1	12/26/2017 16:27	YH
Chrysene	0.38	0.050		ug/L	253378	1	12/26/2017 16:27	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	253378	1	12/26/2017 16:27	YH
Benzo(k)fluoranthene	BRL	10		ug/L	253378	1	12/26/2017 16:27	YH
Benzo(a)pyrene	BRL	0.050		ug/L	253378	1	12/26/2017 16:27	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	253378	1	12/26/2017 16:27	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	253378	1	12/26/2017 16:27	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	253378	1	12/26/2017 16:27	YH
Surr: 4-Terphenyl-d14	99.9	59.9-128		%REC	253378	1	12/26/2017 16:27	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	253557	1	12/29/2017 13:39	JR
ION SCAN SW9056A								
Chloride	5.6	1.0		mg/L	R359902	1	12/27/2017 01:37	JC
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R359723	1	12/22/2017 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	253469	1	12/28/2017 15:09	IO
Barium	0.106	0.0200		mg/L	253469	1	12/28/2017 15:09	IO
Cadmium	BRL	0.0050		mg/L	253469	1	12/28/2017 15:09	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-27I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/20/2017 6:17:00 PM
Lab ID:	1712M48-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	253469	1	12/28/2017 15:09	IO
Lead	0.0173	0.0100		mg/L	253469	1	12/28/2017 15:09	IO
Selenium	BRL	0.0200		mg/L	253469	1	12/28/2017 15:09	IO
Silver	BRL	0.0100		mg/L	253469	1	12/28/2017 15:09	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-24I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/21/2017 9:03:00 AM
Lab ID:	1712M48-013	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 09:03	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 09:03	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 09:03	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 09:03	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 09:03	CC
Surr: 4-Bromofluorobenzene	101	68-127		%REC	253615	1	12/29/2017 09:03	CC
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	160	10		ug/L	253400	100	12/27/2017 15:07	YH
2-Methylnaphthalene	69	10		ug/L	253400	100	12/27/2017 15:07	YH
1-Methylnaphthalene	72	10		ug/L	253400	100	12/27/2017 15:07	YH
Acenaphthylene	BRL	10		ug/L	253400	1	12/26/2017 20:48	YH
Acenaphthene	100	10		ug/L	253400	100	12/27/2017 15:07	YH
Fluorene	72	10		ug/L	253400	100	12/27/2017 15:07	YH
Phenanthrene	140	10		ug/L	253400	100	12/27/2017 15:07	YH
Anthracene	BRL	10		ug/L	253400	100	12/27/2017 15:07	YH
Fluoranthene	20	10		ug/L	253400	100	12/27/2017 15:07	YH
Pyrene	14	10		ug/L	253400	100	12/27/2017 15:07	YH
Benz(a)anthracene	0.45	0.050		ug/L	253400	1	12/26/2017 20:48	YH
Chrysene	0.42	0.050		ug/L	253400	1	12/26/2017 20:48	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	253400	1	12/26/2017 20:48	YH
Benzo(k)fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 20:48	YH
Benzo(a)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 20:48	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 20:48	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	253400	1	12/26/2017 20:48	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	253400	1	12/26/2017 20:48	YH
Surr: 4-Terphenyl-d14	119	59.9-128		%REC	253400	1	12/26/2017 20:48	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	253557	1	01/02/2018 16:41	AS
ION SCAN SW9056A								
Chloride	4.8	1.0		mg/L	R359902	1	12/27/2017 06:09	JC
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R359723	1	12/22/2017 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	253469	1	12/28/2017 17:18	IO
Barium	0.0750	0.0200		mg/L	253469	1	12/28/2017 17:18	IO
Cadmium	BRL	0.0050		mg/L	253469	1	12/28/2017 17:18	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-24I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/21/2017 9:03:00 AM
Lab ID:	1712M48-013	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	253469	1	12/28/2017 17:18	IO
Lead	0.0193	0.0100		mg/L	253469	1	12/28/2017 17:18	IO
Selenium	BRL	0.0200		mg/L	253469	1	12/28/2017 17:18	IO
Silver	BRL	0.0100		mg/L	253469	1	12/28/2017 17:18	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-33I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/21/2017 11:07:00 AM
Lab ID:	1712M48-014	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 08:38	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 08:38	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 08:38	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 08:38	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 08:38	CC
Surr: 4-Bromofluorobenzene	102	68-127		%REC	253615	1	12/29/2017 08:38	CC
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	48	10		ug/L	253400	100	12/27/2017 15:33	YH
2-Methylnaphthalene	BRL	10		ug/L	253400	1	12/26/2017 21:15	YH
1-Methylnaphthalene	BRL	10		ug/L	253400	1	12/26/2017 21:15	YH
Acenaphthylene	BRL	10		ug/L	253400	1	12/26/2017 21:15	YH
Acenaphthene	BRL	10		ug/L	253400	1	12/26/2017 21:15	YH
Fluorene	BRL	10		ug/L	253400	1	12/26/2017 21:15	YH
Phenanthrene	BRL	10		ug/L	253400	1	12/26/2017 21:15	YH
Anthracene	BRL	10		ug/L	253400	1	12/26/2017 21:15	YH
Fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 21:15	YH
Pyrene	BRL	10		ug/L	253400	1	12/26/2017 21:15	YH
Benz(a)anthracene	BRL	0.050		ug/L	253400	1	12/26/2017 21:15	YH
Chrysene	BRL	0.050		ug/L	253400	1	12/26/2017 21:15	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	253400	1	12/26/2017 21:15	YH
Benzo(k)fluoranthene	BRL	10		ug/L	253400	1	12/26/2017 21:15	YH
Benzo(a)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 21:15	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	253400	1	12/26/2017 21:15	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	253400	1	12/26/2017 21:15	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	253400	1	12/26/2017 21:15	YH
Surr: 4-Terphenyl-d14	105	59.9-128		%REC	253400	1	12/26/2017 21:15	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	253557	1	01/02/2018 16:43	AS
ION SCAN SW9056A								
Chloride	4.9	1.0		mg/L	R359902	1	12/27/2017 06:24	JC
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R359723	1	12/22/2017 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	253469	1	12/28/2017 17:22	IO
Barium	0.0664	0.0200		mg/L	253469	1	12/28/2017 17:22	IO
Cadmium	BRL	0.0050		mg/L	253469	1	12/28/2017 17:22	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	GW-33I
Project Name:	GDOT - Walker Street	**Collection Date:**	12/21/2017 11:07:00 AM
Lab ID:	1712M48-014	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	253469	1	12/28/2017 17:22	IO
Lead	BRL	0.0100		mg/L	253469	1	12/28/2017 17:22	IO
Selenium	BRL	0.0200		mg/L	253469	1	12/28/2017 17:22	IO
Silver	BRL	0.0100		mg/L	253469	1	12/28/2017 17:22	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	TRIP BLANK 1
Project Name:	GDOT - Walker Street	**Collection Date:**	12/18/2017
Lab ID:	1712M48-015	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 01:17	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 01:17	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 01:17	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 01:17	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 01:17	CC
Surr: 4-Bromofluorobenzene	99.6	68-127		%REC	253615	1	12/29/2017 01:17	CC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	TRIP BLANK 2
Project Name:	GDOT - Walker Street	**Collection Date:**	12/18/2017
Lab ID:	1712M48-016	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 01:41	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 01:41	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 01:41	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 01:41	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 01:41	CC
Surr: 4-Bromofluorobenzene	105	68-127		%REC	253615	1	12/29/2017 01:41	CC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	TRIP BLANK 3
Project Name:	GDOT - Walker Street	**Collection Date:**	12/18/2017
Lab ID:	1712M48-017	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 02:06	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 02:06	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 02:06	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 02:06	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 02:06	CC
Surr: 4-Bromofluorobenzene	103	68-127		%REC	253615	1	12/29/2017 02:06	CC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	TRIP BLANK 4
Project Name:	GDOT - Walker Street	**Collection Date:**	12/18/2017
Lab ID:	1712M48-018	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 02:30	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 02:30	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 02:30	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 02:30	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 02:30	CC
Surr: 4-Bromofluorobenzene	97.8	68-127		%REC	253615	1	12/29/2017 02:30	CC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	TRIP BLANK 5
Project Name:	GDOT - Walker Street	**Collection Date:**	12/18/2017
Lab ID:	1712M48-019	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 02:55	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 02:55	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 02:55	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 02:55	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 02:55	CC
Surr: 4-Bromofluorobenzene	100	68-127		%REC	253615	1	12/29/2017 02:55	CC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 4-Jan-18

Client:	AECOM	**Client Sample ID:**	TRIP BLANK 6
Project Name:	GDOT - Walker Street	**Collection Date:**	12/18/2017
Lab ID:	1712M48-020	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	253615	1	12/29/2017 03:20	CC
Toluene	BRL	1.0		ug/L	253615	1	12/29/2017 03:20	CC
Ethylbenzene	BRL	1.0		ug/L	253615	1	12/29/2017 03:20	CC
m,p-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 03:20	CC
o-Xylene	BRL	1.0		ug/L	253615	1	12/29/2017 03:20	CC
Surr: 4-Bromofluorobenzene	99.7	68-127		%REC	253615	1	12/29/2017 03:20	CC

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 4-Jan-18

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: GW-20I				**Lab ID:** 1712M48-001			
Collection Date: 12/18/2017 12:24:00 PM				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	47		0.72	10	ug/L	253378	100
Phenanthrene	12		2.2	10	ug/L	253378	100
Anthracene	12		2.6	10	ug/L	253378	100
ION SCAN SW9056A							
Chloride	2.7		0.17	1.0	mg/L	R359902	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0207		0.0031	0.0200	mg/L	253469	1
Client Sample ID: GW-20S				**Lab ID:** 1712M48-002			
Collection Date: 12/18/2017 3:33:00 PM				**Matrix:** Groundwater			
VOLATILE ORGANICS SW8260B				**(SW5030B)**			
Benzene	1.5		0.17	1.0	ug/L	253615	1
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	380		0.72	10	ug/L	253378	100
1-Methylnaphthalene	25		0.60	10	ug/L	253378	100
Acenaphthene	47		1.7	10	ug/L	253378	100
Fluorene	48		1.9	10	ug/L	253378	100
Phenanthrene	11		2.2	10	ug/L	253378	100
Benz(a)anthracene	0.050		0.018	0.050	ug/L	253378	1
Chrysene	0.056		0.017	0.050	ug/L	253378	1
ION SCAN SW9056A							
Chloride	26		0.17	1.0	mg/L	R359902	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.149		0.0031	0.0200	mg/L	253469	1
Client Sample ID: GW-42I				**Lab ID:** 1712M48-003			
Collection Date: 12/18/2017 6:07:00 PM				**Matrix:** Groundwater			
VOLATILE ORGANICS SW8260B				**(SW5030B)**			
m,p-Xylene	1.6		0.31	1.0	ug/L	253615	1
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	190		0.72	10	ug/L	253378	100
1-Methylnaphthalene	19		0.60	10	ug/L	253378	100
Acenaphthene	27		1.7	10	ug/L	253378	100
Fluorene	12		1.9	10	ug/L	253378	100
Phenanthrene	14		2.2	10	ug/L	253378	100
ION SCAN SW9056A							
Chloride	2.9		0.17	1.0	mg/L	R359902	1
Client Sample ID: DUP-1				**Lab ID:** 1712M48-004			
Collection Date: 12/18/2017				**Matrix:** Groundwater			
VOLATILE ORGANICS SW8260B				**(SW5030B)**			
m,p-Xylene	2.0		0.31	1.0	ug/L	253615	1
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	110		0.72	10	ug/L	253378	100
1-Methylnaphthalene	15		0.60	10	ug/L	253378	100

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: DUP-1				**Lab ID:** 1712M48-004			
Collection Date: 12/18/2017				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Acenaphthene	22		1.7	10	ug/L	253378	100
Fluorene	10		1.9	10	ug/L	253378	100
Phenanthrene	12		2.2	10	ug/L	253378	100
ION SCAN SW9056A							
Chloride	2.8		0.17	1.0	mg/L	R359902	1
Client Sample ID: GW-43I				**Lab ID:** 1712M48-005			
Collection Date: 12/19/2017 9:09:00 AM				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	37		0.72	10	ug/L	253400	100
ION SCAN SW9056A							
Chloride	5.1		0.17	1.0	mg/L	R359902	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0862		0.0031	0.0200	mg/L	253469	1
Client Sample ID: GW-32I				**Lab ID:** 1712M48-006			
Collection Date: 12/19/2017 11:52:00 AM				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	15		0.72	10	ug/L	253400	100
ION SCAN SW9056A							
Chloride	6.2		0.17	1.0	mg/L	R359902	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0734		0.0031	0.0200	mg/L	253469	1
Client Sample ID: GW-41S				**Lab ID:** 1712M48-007			
Collection Date: 12/19/2017 1:46:00 PM				**Matrix:** Groundwater			
VOLATILE ORGANICS SW8260B				**(SW5030B)**			
Toluene	1.3		0.15	1.0	ug/L	253615	1
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Fluorene	11		1.9	10	ug/L	253400	100
Phenanthrene	30		2.2	10	ug/L	253400	100
ION SCAN SW9056A							
Chloride	7.4		0.17	1.0	mg/L	R359902	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0681		0.0031	0.0200	mg/L	253469	1
Client Sample ID: GW-29S				**Lab ID:** 1712M48-008			
Collection Date: 12/20/2017 7:21:00 AM				**Matrix:** Groundwater			
VOLATILE ORGANICS SW8260B				**(SW5030B)**			
Benzene	33		0.17	1.0	ug/L	253615	1
Toluene	4.7		0.15	1.0	ug/L	253615	1
Ethylbenzene	15		0.19	1.0	ug/L	253615	1
m,p-Xylene	26		0.31	1.0	ug/L	253615	1
o-Xylene	18		0.30	1.0	ug/L	253615	1
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			

Analytical Environmental Services, Inc

Date: 4-Jan-18

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: GW-29S				**Lab ID:** 1712M48-008			
Collection Date: 12/20/2017 7:21:00 AM				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	2900		72	500	ug/L	253400	10000
2-Methylnaphthalene	140		0.57	10	ug/L	253400	100
1-Methylnaphthalene	210		0.60	10	ug/L	253400	100
Acenaphthene	190		1.7	10	ug/L	253400	100
Fluorene	91		1.9	10	ug/L	253400	100
Phenanthrene	95		2.2	10	ug/L	253400	100
Benz(a)anthracene	0.16		0.018	0.050	ug/L	253400	1
Chrysene	0.16		0.017	0.050	ug/L	253400	1
ION SCAN SW9056A							
Chloride	6.2		0.17	1.0	mg/L	R359902	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0843		0.0031	0.0200	mg/L	253469	1
Lead	0.0768		0.0028	0.0100	mg/L	253469	1
Client Sample ID: GW-31I				**Lab ID:** 1712M48-009			
Collection Date: 12/20/2017 10:32:00 AM				**Matrix:** Groundwater			
VOLATILE ORGANICS SW8260B				**(SW5030B)**			
Benzene	4.0		0.17	1.0	ug/L	253615	1
Toluene	1.8		0.15	1.0	ug/L	253615	1
Ethylbenzene	5.6		0.19	1.0	ug/L	253615	1
o-Xylene	1.9		0.30	1.0	ug/L	253615	1
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	1000		7.2	50	ug/L	253400	1000
1-Methylnaphthalene	100		0.60	10	ug/L	253400	100
Acenaphthene	50		1.7	10	ug/L	253400	100
Fluorene	51		1.9	10	ug/L	253400	100
Phenanthrene	61		2.2	10	ug/L	253400	100
ION SCAN SW9056A							
Chloride	4.8		0.17	1.0	mg/L	R359902	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.182		0.0031	0.0200	mg/L	253469	1
Lead	0.0283		0.0028	0.0100	mg/L	253469	1
Client Sample ID: GW-44I				**Lab ID:** 1712M48-010			
Collection Date: 12/20/2017 1:10:00 PM				**Matrix:** Groundwater			
VOLATILE ORGANICS SW8260B				**(SW5030B)**			
Toluene	2.6		0.15	1.0	ug/L	253615	1
Ethylbenzene	3.3		0.19	1.0	ug/L	253615	1
m,p-Xylene	9.0		0.31	1.0	ug/L	253615	1
o-Xylene	4.4		0.30	1.0	ug/L	253615	1
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	1800		72	500	ug/L	253400	10000
2-Methylnaphthalene	640		0.57	10	ug/L	253400	100
1-Methylnaphthalene	330		0.60	10	ug/L	253400	100
Acenaphthene	310		1.7	10	ug/L	253400	100
Fluorene	180		1.9	10	ug/L	253400	100

Analytical Environmental Services, Inc

Date: 4-Jan-18

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: GW-44I				**Lab ID:** 1712M48-010			
Collection Date: 12/20/2017 1:10:00 PM				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Phenanthrene	140		2.2	10	ug/L	253400	100
Anthracene	15		2.6	10	ug/L	253400	100
Benz(a)anthracene	0.16		0.018	0.050	ug/L	253400	1
Chrysene	0.21		0.017	0.050	ug/L	253400	1
ION SCAN SW9056A							
Chloride	2.9		0.17	1.0	mg/L	R359902	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0643		0.0031	0.0200	mg/L	253469	1
Lead	0.121		0.0028	0.0100	mg/L	253469	1
Client Sample ID: GW-28I				**Lab ID:** 1712M48-011			
Collection Date: 12/20/2017 3:54:00 PM				**Matrix:** Groundwater			
ION SCAN SW9056A							
Chloride	3.8		0.17	1.0	mg/L	R359902	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0441		0.0031	0.0200	mg/L	253469	1
Client Sample ID: GW-27I				**Lab ID:** 1712M48-012			
Collection Date: 12/20/2017 6:17:00 PM				**Matrix:** Groundwater			
VOLATILE ORGANICS SW8260B				**(SW5030B)**			
Benzene	3.9		0.17	1.0	ug/L	253615	1
Toluene	16		0.15	1.0	ug/L	253615	1
Ethylbenzene	12		0.19	1.0	ug/L	253615	1
m,p-Xylene	36		0.31	1.0	ug/L	253615	1
o-Xylene	14		0.30	1.0	ug/L	253615	1
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	2200		72	500	ug/L	253378	10000
2-Methylnaphthalene	390		0.57	10	ug/L	253378	100
1-Methylnaphthalene	240		0.60	10	ug/L	253378	100
Acenaphthene	320		1.7	10	ug/L	253378	100
Fluorene	170		1.9	10	ug/L	253378	100
Phenanthrene	150		2.2	10	ug/L	253378	100
Anthracene	11		2.6	10	ug/L	253378	100
Fluoranthene	15		1.6	10	ug/L	253378	100
Benz(a)anthracene	0.37		0.018	0.050	ug/L	253378	1
Chrysene	0.38		0.017	0.050	ug/L	253378	1
ION SCAN SW9056A							
Chloride	5.6		0.17	1.0	mg/L	R359902	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.106		0.0031	0.0200	mg/L	253469	1
Lead	0.0173		0.0028	0.0100	mg/L	253469	1
Client Sample ID: GW-24I				**Lab ID:** 1712M48-013			
Collection Date: 12/21/2017 9:03:00 AM				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	160		0.72	10	ug/L	253400	100

Analytical Environmental Services, Inc

Date: 4-Jan-18

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: GW-24I				**Lab ID:** 1712M48-013			
Collection Date: 12/21/2017 9:03:00 AM				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
2-Methylnaphthalene	69		0.57	10	ug/L	253400	100
1-Methylnaphthalene	72		0.60	10	ug/L	253400	100
Acenaphthene	100		1.7	10	ug/L	253400	100
Fluorene	72		1.9	10	ug/L	253400	100
Phenanthrene	140		2.2	10	ug/L	253400	100
Fluoranthene	20		1.6	10	ug/L	253400	100
Pyrene	14		1.5	10	ug/L	253400	100
Benz(a)anthracene	0.45		0.018	0.050	ug/L	253400	1
Chrysene	0.42		0.017	0.050	ug/L	253400	1
ION SCAN SW9056A							
Chloride	4.8		0.17	1.0	mg/L	R359902	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0750		0.0031	0.0200	mg/L	253469	1
Lead	0.0193		0.0028	0.0100	mg/L	253469	1
Client Sample ID: GW-33I				**Lab ID:** 1712M48-014			
Collection Date: 12/21/2017 11:07:00 AM				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	48		0.72	10	ug/L	253400	100
ION SCAN SW9056A							
Chloride	4.9		0.17	1.0	mg/L	R359902	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0664		0.0031	0.0200	mg/L	253469	1

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Clear Save as

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: **AECOM** AES Work Order Number: **1712M48**

2. Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ■ Courier ☐ Other _____

		Yes	No	N/A	Details	Comments
3.	Shipping container/cooler received in good condition?	●	○	○	damaged ☐ leaking ☐ other ☐	
4.	Custody seals present on shipping container?	○	●	○		
5.	Custody seals intact on shipping container?	○	○	●		
6.	Temperature blanks present?	●	○	○		
7.	Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	●	○	○	Cooling initiated for recently collected samples / ice present ☐	
8.	Chain of Custody (COC) present?	●	○	○		
9.	Chain of Custody signed, dated, and timed when relinquished and received?	●	○	○		
10.	Sampler name and/or signature on COC?	●	○	○		
11.	Were all samples received within holding time?	○	●	○		
12.	TAT marked on the COC?	●	○	○	If no TAT indicated, proceeded with standard TAT per Terms & Conditions. ☐	

13. Cooler 1 Temperature ≤6 °C Cooler 2 Temperature ≤6 °C Cooler 3 Temperature ≤6 °C Cooler 4 Temperature ≤6 °C

14. Cooler 5 Temperature ≤6 °C Cooler 6 Temperature ≤6 °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). MJ 12/22/17

		Yes	No	N/A	Details	Comments
16.	Were sample containers intact upon receipt?	●	○	○		
17.	Custody seals present on sample containers?	○	●	○		
18.	Custody seals intact on sample containers?	○	○	●		
19.	Do sample container labels match the COC?	●	○	○	incomplete info ☐ illegible ☐ no label ☐ other ☐	
20.	Are analyses requested indicated on the COC?	●	○	○		
21.	Were all of the samples listed on the COC received?	●	○	○	samples received but not listed on COC ☐ samples listed on COC not received ☐	
22.	Was the sample collection date/time noted?	●	○	○		
23.	Did we receive sufficient sample volume for indicated analyses?	●	○	○		
24.	Were samples received in appropriate containers?	●	○	○		
25.	Were VOA samples received without headspace (< 1/4" bubble)?	●	○	○		
26.	Were trip blanks submitted?	●	○	○	listed on COC ☐ not listed on COC ■	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). MJ 12/26/17

This section only applies to samples where pH can be checked at Sample Receipt.

		Yes	No	N/A	Details	Comments
28.	Have containers needing chemical preservation been checked? *	●	○	○		
29.	Containers meet preservation guidelines?	●	○	○		
30.	Was pH adjusted at Sample Receipt?	○	○	●		

* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH.

I certify that I have completed sections 28-30 (dated initials). MJ 12/26/17

Checklist 6.9.17 Rev 2

Locked

Analytical Environmental Services, Inc

Date: 4-Jan-18

Client: AECOM
Project Name: GDOT - Walker Street
Lab Order: 1712M48

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1712M48-001A	GW-20I	12/18/2017 12:24:00PM	Groundwater	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-001B	GW-20I	12/18/2017 12:24:00PM	Groundwater	TOTAL METALS BY ICP		12/27/2017 12:40:00PM	12/28/2017
1712M48-001B	GW-20I	12/18/2017 12:24:00PM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	12/29/2017
1712M48-001C	GW-20I	12/18/2017 12:24:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			12/22/2017
1712M48-001D	GW-20I	12/18/2017 12:24:00PM	Groundwater	ION SCAN			12/27/2017
1712M48-001E	GW-20I	12/18/2017 12:24:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/22/2017 4:00:00PM	12/26/2017
1712M48-001E	GW-20I	12/18/2017 12:24:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/22/2017 4:00:00PM	12/27/2017
1712M48-002A	GW-20S	12/18/2017 3:33:00PM	Groundwater	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-002B	GW-20S	12/18/2017 3:33:00PM	Groundwater	TOTAL METALS BY ICP		12/27/2017 12:40:00PM	12/28/2017
1712M48-002B	GW-20S	12/18/2017 3:33:00PM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	12/29/2017
1712M48-002C	GW-20S	12/18/2017 3:33:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			12/22/2017
1712M48-002D	GW-20S	12/18/2017 3:33:00PM	Groundwater	ION SCAN			12/27/2017
1712M48-002E	GW-20S	12/18/2017 3:33:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/22/2017 4:00:00PM	12/26/2017
1712M48-002E	GW-20S	12/18/2017 3:33:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/22/2017 4:00:00PM	12/27/2017
1712M48-003A	GW-42I	12/18/2017 6:07:00PM	Groundwater	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-003B	GW-42I	12/18/2017 6:07:00PM	Groundwater	TOTAL METALS BY ICP		12/27/2017 12:40:00PM	12/28/2017
1712M48-003B	GW-42I	12/18/2017 6:07:00PM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	12/29/2017
1712M48-003C	GW-42I	12/18/2017 6:07:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			12/22/2017
1712M48-003D	GW-42I	12/18/2017 6:07:00PM	Groundwater	ION SCAN			12/27/2017
1712M48-003E	GW-42I	12/18/2017 6:07:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/22/2017 4:00:00PM	12/26/2017
1712M48-003E	GW-42I	12/18/2017 6:07:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/22/2017 4:00:00PM	12/27/2017
1712M48-004A	DUP-1	12/18/2017 12:00:00AM	Groundwater	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-004B	DUP-1	12/18/2017 12:00:00AM	Groundwater	TOTAL METALS BY ICP		12/27/2017 12:40:00PM	12/28/2017
1712M48-004B	DUP-1	12/18/2017 12:00:00AM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	12/29/2017
1712M48-004C	DUP-1	12/18/2017 12:00:00AM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			12/22/2017
1712M48-004D	DUP-1	12/18/2017 12:00:00AM	Groundwater	ION SCAN			12/27/2017
1712M48-004E	DUP-1	12/18/2017 12:00:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/22/2017 4:00:00PM	12/26/2017
1712M48-004E	DUP-1	12/18/2017 12:00:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/22/2017 4:00:00PM	12/27/2017
1712M48-005A	GW-43I	12/19/2017 9:09:00AM	Groundwater	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017

Analytical Environmental Services, Inc

Date: 4-Jan-18

Client: AECOM
Project Name: GDOT - Walker Street
Lab Order: 1712M48

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1712M48-005B	GW-43I	12/19/2017 9:09:00AM	Groundwater	TOTAL METALS BY ICP		12/27/2017 12:40:00PM	12/28/2017
1712M48-005B	GW-43I	12/19/2017 9:09:00AM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	12/29/2017
1712M48-005C	GW-43I	12/19/2017 9:09:00AM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			12/22/2017
1712M48-005D	GW-43I	12/19/2017 9:09:00AM	Groundwater	ION SCAN			12/27/2017
1712M48-005E	GW-43I	12/19/2017 9:09:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/26/2017
1712M48-005E	GW-43I	12/19/2017 9:09:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/27/2017
1712M48-006A	GW-32I	12/19/2017 11:52:00AM	Groundwater	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-006B	GW-32I	12/19/2017 11:52:00AM	Groundwater	TOTAL METALS BY ICP		12/27/2017 12:40:00PM	12/28/2017
1712M48-006B	GW-32I	12/19/2017 11:52:00AM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	12/29/2017
1712M48-006C	GW-32I	12/19/2017 11:52:00AM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			12/22/2017
1712M48-006D	GW-32I	12/19/2017 11:52:00AM	Groundwater	ION SCAN			12/27/2017
1712M48-006E	GW-32I	12/19/2017 11:52:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/26/2017
1712M48-006E	GW-32I	12/19/2017 11:52:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/27/2017
1712M48-007A	GW-41S	12/19/2017 1:46:00PM	Groundwater	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-007B	GW-41S	12/19/2017 1:46:00PM	Groundwater	TOTAL METALS BY ICP		12/27/2017 12:40:00PM	12/28/2017
1712M48-007B	GW-41S	12/19/2017 1:46:00PM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	01/02/2018
1712M48-007C	GW-41S	12/19/2017 1:46:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			12/22/2017
1712M48-007D	GW-41S	12/19/2017 1:46:00PM	Groundwater	ION SCAN			12/27/2017
1712M48-007E	GW-41S	12/19/2017 1:46:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/26/2017
1712M48-007E	GW-41S	12/19/2017 1:46:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/27/2017
1712M48-008A	GW-29S	12/20/2017 7:21:00AM	Groundwater	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-008B	GW-29S	12/20/2017 7:21:00AM	Groundwater	TOTAL METALS BY ICP		12/27/2017 12:40:00PM	12/28/2017
1712M48-008B	GW-29S	12/20/2017 7:21:00AM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	01/02/2018
1712M48-008C	GW-29S	12/20/2017 7:21:00AM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			12/22/2017
1712M48-008D	GW-29S	12/20/2017 7:21:00AM	Groundwater	ION SCAN			12/27/2017
1712M48-008E	GW-29S	12/20/2017 7:21:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/26/2017
1712M48-008E	GW-29S	12/20/2017 7:21:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/27/2017
1712M48-009A	GW-31I	12/20/2017 10:32:00AM	Groundwater	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-009B	GW-31I	12/20/2017 10:32:00AM	Groundwater	TOTAL METALS BY ICP		12/27/2017 12:40:00PM	12/28/2017

Analytical Environmental Services, Inc

Date: 4-Jan-18

Client: AECOM
Project Name: GDOT - Walker Street
Lab Order: 1712M48

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1712M48-009B	GW-31I	12/20/2017 10:32:00AM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	01/02/2018
1712M48-009C	GW-31I	12/20/2017 10:32:00AM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			12/22/2017
1712M48-009D	GW-31I	12/20/2017 10:32:00AM	Groundwater	ION SCAN			12/27/2017
1712M48-009E	GW-31I	12/20/2017 10:32:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/26/2017
1712M48-009E	GW-31I	12/20/2017 10:32:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/27/2017
1712M48-010A	GW-44I	12/20/2017 1:10:00PM	Groundwater	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-010B	GW-44I	12/20/2017 1:10:00PM	Groundwater	TOTAL METALS BY ICP		12/27/2017 12:40:00PM	12/28/2017
1712M48-010B	GW-44I	12/20/2017 1:10:00PM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	01/02/2018
1712M48-010C	GW-44I	12/20/2017 1:10:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			12/22/2017
1712M48-010D	GW-44I	12/20/2017 1:10:00PM	Groundwater	ION SCAN			12/27/2017
1712M48-010E	GW-44I	12/20/2017 1:10:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/26/2017
1712M48-010E	GW-44I	12/20/2017 1:10:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/27/2017
1712M48-011A	GW-28I	12/20/2017 3:54:00PM	Groundwater	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-011B	GW-28I	12/20/2017 3:54:00PM	Groundwater	TOTAL METALS BY ICP		12/27/2017 12:40:00PM	12/28/2017
1712M48-011B	GW-28I	12/20/2017 3:54:00PM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	01/02/2018
1712M48-011C	GW-28I	12/20/2017 3:54:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			12/22/2017
1712M48-011D	GW-28I	12/20/2017 3:54:00PM	Groundwater	ION SCAN			12/27/2017
1712M48-011E	GW-28I	12/20/2017 3:54:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/26/2017
1712M48-012A	GW-27I	12/20/2017 6:17:00PM	Groundwater	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-012B	GW-27I	12/20/2017 6:17:00PM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	12/29/2017
1712M48-012B	GW-27I	12/20/2017 6:17:00PM	Groundwater	TOTAL METALS BY ICP		12/27/2017 12:40:00PM	12/28/2017
1712M48-012B	GW-27I	12/20/2017 6:17:00PM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	12/29/2017
1712M48-012C	GW-27I	12/20/2017 6:17:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			12/22/2017
1712M48-012D	GW-27I	12/20/2017 6:17:00PM	Groundwater	ION SCAN			12/27/2017
1712M48-012E	GW-27I	12/20/2017 6:17:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/22/2017 4:00:00PM	12/26/2017
1712M48-012E	GW-27I	12/20/2017 6:17:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/22/2017 4:00:00PM	12/27/2017
1712M48-013A	GW-24I	12/21/2017 9:03:00AM	Groundwater	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-013B	GW-24I	12/21/2017 9:03:00AM	Groundwater	TOTAL METALS BY ICP		12/27/2017 12:40:00PM	12/28/2017
1712M48-013B	GW-24I	12/21/2017 9:03:00AM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	01/02/2018

Analytical Environmental Services, Inc

Date: 4-Jan-18

Client: AECOM
Project Name: GDOT - Walker Street
Lab Order: 1712M48

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1712M48-013C	GW-24I	12/21/2017 9:03:00AM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			12/22/2017
1712M48-013D	GW-24I	12/21/2017 9:03:00AM	Groundwater	ION SCAN			12/27/2017
1712M48-013E	GW-24I	12/21/2017 9:03:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/26/2017
1712M48-013E	GW-24I	12/21/2017 9:03:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/27/2017
1712M48-014A	GW-33I	12/21/2017 11:07:00AM	Groundwater	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-014B	GW-33I	12/21/2017 11:07:00AM	Groundwater	TOTAL METALS BY ICP		12/27/2017 12:40:00PM	12/28/2017
1712M48-014B	GW-33I	12/21/2017 11:07:00AM	Groundwater	TOTAL MERCURY		12/29/2017 10:15:00AM	01/02/2018
1712M48-014C	GW-33I	12/21/2017 11:07:00AM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			12/22/2017
1712M48-014D	GW-33I	12/21/2017 11:07:00AM	Groundwater	ION SCAN			12/27/2017
1712M48-014E	GW-33I	12/21/2017 11:07:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/26/2017
1712M48-014E	GW-33I	12/21/2017 11:07:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		12/26/2017 9:00:00AM	12/27/2017
1712M48-015A	TRIP BLANK 1	12/18/2017 12:00:00AM	Aqueous	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-016A	TRIP BLANK 2	12/18/2017 12:00:00AM	Aqueous	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-017A	TRIP BLANK 3	12/18/2017 12:00:00AM	Aqueous	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-018A	TRIP BLANK 4	12/18/2017 12:00:00AM	Aqueous	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-019A	TRIP BLANK 5	12/18/2017 12:00:00AM	Aqueous	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017
1712M48-020A	TRIP BLANK 6	12/18/2017 12:00:00AM	Aqueous	VOLATILE ORGANICS: BTEX		12/29/2017 12:02:00AM	12/29/2017

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: 253378

Sample ID: **MB-253378**	Client ID:		Units: **ug/L**	Prep Date: **12/22/2017**	Run No: **359827**
SampleType: **MBLK**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**		BatchID: **253378**	Analysis Date: **12/26/2017**	Seq No: **7940943**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	BRL	0.50									
2-Methylnaphthalene	BRL	0.50									
Acenaphthene	BRL	0.50									
Acenaphthylene	BRL	1.0									
Anthracene	BRL	0.050									
Benz(a)anthracene	BRL	0.050									
Benzo(a)pyrene	BRL	0.050									
Benzo(b)fluoranthene	BRL	0.10									
Benzo(g,h,i)perylene	BRL	0.10									
Benzo(k)fluoranthene	BRL	0.050									
Chrysene	BRL	0.050									
Dibenz(a,h)anthracene	BRL	0.10									
Fluoranthene	BRL	0.10									
Fluorene	BRL	0.10									
Indeno(1,2,3-cd)pyrene	BRL	0.050									
Naphthalene	BRL	0.50									
Phenanthrene	BRL	0.050									
Pyrene	BRL	0.050									
Surr: 4-Terphenyl-d14	1.797	0	2.000		89.9	59.9	128				

Sample ID: **LCS-253378**	Client ID:		Units: **ug/L**	Prep Date: **12/22/2017**	Run No: **359827**
SampleType: **LCS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**		BatchID: **253378**	Analysis Date: **12/26/2017**	Seq No: **7940944**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	1.691	0.50	2.000		84.5	60.4	120				
2-Methylnaphthalene	1.639	0.50	2.000		81.9	58.4	120				
Acenaphthene	1.737	0.50	2.000		86.9	64.7	120				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: 253378

Sample ID: **LCS-253378**	Client ID:		Units: **ug/L**	Prep Date: **12/22/2017**	Run No: **359827**
SampleType: **LCS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**		BatchID: **253378**	Analysis Date: **12/26/2017**	Seq No: **7940944**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Acenaphthylene	1.606	1.0	2.000		80.3	63.2	120				
Anthracene	1.847	0.050	2.000		92.4	69.3	125				
Benz(a)anthracene	1.667	0.050	2.000		83.4	71.1	141				
Benzo(a)pyrene	1.780	0.050	2.000		89.0	67.2	131				
Benzo(b)fluoranthene	1.635	0.10	2.000		81.7	66.1	134				
Benzo(g,h,i)perylene	1.739	0.10	2.000		86.9	66.1	128				
Benzo(k)fluoranthene	2.039	0.050	2.000		102	67.7	133				
Chrysene	2.156	0.050	2.000		108	71.3	137				
Dibenz(a,h)anthracene	1.589	0.10	2.000		79.4	59.7	125				
Fluoranthene	1.836	0.10	2.000		91.8	72.3	129				
Fluorene	1.731	0.10	2.000		86.5	69.2	120				
Indeno(1,2,3-cd)pyrene	1.611	0.050	2.000		80.6	66.4	127				
Naphthalene	1.745	0.50	2.000		87.3	56.8	120				
Phenanthrene	1.718	0.050	2.000		85.9	70.9	120				
Pyrene	2.076	0.050	2.000		104	68.4	138				
Surr: 4-Terphenyl-d14	2.136	0	2.000		107	59.9	128				

Sample ID: **1712M48-012EMS**	Client ID: **GW-27I**		Units: **ug/L**	Prep Date: **12/22/2017**	Run No: **359827**
SampleType: **MS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**		BatchID: **253378**	Analysis Date: **12/26/2017**	Seq No: **7940967**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Acenaphthylene	7.480	1.0	2.000	9.588	-105	63.9	120				S
Benz(a)anthracene	2.220	0.050	2.000	0.3710	92.4	76.7	124				
Benzo(a)pyrene	1.653	0.050	2.000		82.7	58.5	120				
Benzo(b)fluoranthene	1.721	0.10	2.000	0.06859	82.6	52.6	121				
Benzo(g,h,i)perylene	1.495	0.10	2.000		74.7	44.2	120				
Benzo(k)fluoranthene	1.707	0.050	2.000	0.03408	83.6	59	120				
Chrysene	2.178	0.050	2.000	0.3766	90.1	65	122				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: 253378

Sample ID: **1712M48-012EMS**	Client ID: **GW-27I**				Units: **ug/L**		Prep Date: **12/22/2017**		Run No: **359827**	
SampleType: **MS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**				BatchID: **253378**		Analysis Date: **12/26/2017**		Seq No: **7940967**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Dibenz(a,h)anthracene	1.346	0.10	2.000		67.3	38.2	120				
Indeno(1,2,3-cd)pyrene	1.444	0.050	2.000		72.2	46.6	120				
Surr: 4-Terphenyl-d14	1.853	0	2.000		92.6	59.9	128				

Sample ID: **1712M48-012EMS**	Client ID: **GW-27I**				Units: **ug/L**		Prep Date: **12/22/2017**		Run No: **359923**	
SampleType: **MS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**				BatchID: **253378**		Analysis Date: **12/27/2017**		Seq No: **7942976**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	239.2	50	2.000	264.6	-1270	60.2	120				S
2-Methylnaphthalene	380.0	50	2.000	428.4	-2420	57.8	120				S
Acenaphthene	305.5	50	2.000	536.2	-11500	61.4	120				S
Anthracene	14.78	5.0	2.000	12.59	110	65.3	120				
Fluoranthene	14.29	10	2.000	22.02	-387	71.7	118				S
Fluorene	168.3	10	2.000	321.3	-7650	65.6	120				S
Phenanthrene	142.0	5.0	2.000	175.7	-1680	65.6	120				S
Pyrene	9.913	5.0	2.000	12.29	-119	69	121				S

Sample ID: **1712M48-012EMS**	Client ID: **GW-27I**				Units: **ug/L**		Prep Date: **12/22/2017**		Run No: **359923**	
SampleType: **MS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**				BatchID: **253378**		Analysis Date: **12/27/2017**		Seq No: **7942982**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Naphthalene	BRL	5000	2.000	1489	19600	57.3	120				S

Sample ID: **1712M48-012EMSD**	Client ID: **GW-27I**				Units: **ug/L**		Prep Date: **12/22/2017**		Run No: **359827**	
SampleType: **MSD**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**				BatchID: **253378**		Analysis Date: **12/26/2017**		Seq No: **7940968**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Acenaphthylene	9.281	1.0	2.000	9.588	-15.4	63.9	120	7.480	21.5	27.9	S

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: 253378

Sample ID: **1712M48-012EMSD** Client ID: **GW-27I** Units: **ug/L** Prep Date: **12/22/2017** Run No: **359827**
SampleType: **MSD** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **253378** Analysis Date: **12/26/2017** Seq No: **7940968**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benz(a)anthracene	2.798	0.050	2.000	0.3710	121	76.7	124	2.220	23.0	25	
Benzo(a)pyrene	2.090	0.050	2.000		104	58.5	120	1.653	23.3	23.5	
Benzo(b)fluoranthene	2.184	0.10	2.000	0.06859	106	52.6	121	1.721	23.8	24	
Benzo(g,h,i)perylene	1.801	0.10	2.000		90.1	44.2	120	1.495	18.6	32.1	
Benzo(k)fluoranthene	2.171	0.050	2.000	0.03408	107	59	120	1.707	24.0	19.6	R
Chrysene	2.766	0.050	2.000	0.3766	119	65	122	2.178	23.8	23	R
Dibenz(a,h)anthracene	1.738	0.10	2.000		86.9	38.2	120	1.346	25.4	31.7	
Indeno(1,2,3-cd)pyrene	1.823	0.050	2.000		91.1	46.6	120	1.444	23.2	32.4	
Surr: 4-Terphenyl-d14	2.359	0	2.000		118	59.9	128	1.853	0	0	

Sample ID: **1712M48-012EMSD** Client ID: **GW-27I** Units: **ug/L** Prep Date: **12/22/2017** Run No: **359923**
SampleType: **MSD** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **253378** Analysis Date: **12/27/2017** Seq No: **7942977**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	229.0	50	2.000	264.6	-1780	60.2	120	252.0	9.55	24.9	S
2-Methylnaphthalene	364.2	50	2.000	428.4	-3210	57.8	120	411.2	12.1	26.4	S
Acenaphthene	320.4	50	2.000	536.2	-10800	61.4	120	326.2	1.79	24.4	S
Anthracene	10.87	5.0	2.000	12.59	-86.1	65.3	120	12.66	15.2	26.3	S
Fluoranthene	15.64	10	2.000	22.02	-319	71.7	118	21.04	29.5	23	SR
Fluorene	183.2	10	2.000	321.3	-6900	65.6	120	195.2	6.35	25	S
Phenanthrene	154.5	5.0	2.000	175.7	-1060	65.6	120	160.9	4.08	23.5	S
Pyrene	11.19	5.0	2.000	12.29	-55.1	69	121	12.45	10.6	23.8	S

Sample ID: **1712M48-012EMSD** Client ID: **GW-27I** Units: **ug/L** Prep Date: **12/22/2017** Run No: **359923**
SampleType: **MSD** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **253378** Analysis Date: **12/27/2017** Seq No: **7942983**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Naphthalene	BRL	5000	2.000	1489	26900	57.3	120	1370	0	27.2	S

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: 253400

Sample ID: **MB-253400**	Client ID:		Units: **ug/L**	Prep Date: **12/26/2017**	Run No: **359829**
SampleType: **MBLK**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**		BatchID: **253400**	Analysis Date: **12/26/2017**	Seq No: **7939892**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	BRL	0.50									
2-Methylnaphthalene	BRL	0.50									
Acenaphthene	BRL	0.50									
Acenaphthylene	BRL	1.0									
Anthracene	BRL	0.050									
Benz(a)anthracene	BRL	0.050									
Benzo(a)pyrene	BRL	0.050									
Benzo(b)fluoranthene	BRL	0.10									
Benzo(g,h,i)perylene	BRL	0.10									
Benzo(k)fluoranthene	BRL	0.050									
Chrysene	BRL	0.050									
Dibenz(a,h)anthracene	BRL	0.10									
Fluoranthene	BRL	0.10									
Fluorene	BRL	0.10									
Indeno(1,2,3-cd)pyrene	BRL	0.050									
Naphthalene	BRL	0.50									
Phenanthrene	BRL	0.050									
Pyrene	BRL	0.050									
Surr: 4-Terphenyl-d14	2.033	0	2.000		102	59.9	128				

Sample ID: **LCS-253400**	Client ID:		Units: **ug/L**	Prep Date: **12/26/2017**	Run No: **359829**
SampleType: **LCS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**		BatchID: **253400**	Analysis Date: **12/26/2017**	Seq No: **7939894**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	1.762	0.50	2.000		88.1	60.4	120				
2-Methylnaphthalene	1.764	0.50	2.000		88.2	58.4	120				
Acenaphthene	1.919	0.50	2.000		96.0	64.7	120				
Acenaphthylene	1.799	1.0	2.000		90.0	63.2	120				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: 253400

Sample ID: **LCS-253400** Client ID: Units: **ug/L** Prep Date: **12/26/2017** Run No: **359829**
SampleType: **LCS** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **253400** Analysis Date: **12/26/2017** Seq No: **7939894**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	1.923	0.050	2.000		96.1	69.3	125				
Benz(a)anthracene	1.948	0.050	2.000		97.4	71.1	141				
Benzo(a)pyrene	1.916	0.050	2.000		95.8	67.2	131				
Benzo(b)fluoranthene	1.818	0.10	2.000		90.9	66.1	134				
Benzo(g,h,i)perylene	1.907	0.10	2.000		95.3	66.1	128				
Benzo(k)fluoranthene	2.184	0.050	2.000		109	67.7	133				
Chrysene	2.282	0.050	2.000		114	71.3	137				
Dibenz(a,h)anthracene	1.692	0.10	2.000		84.6	59.7	125				
Fluoranthene	2.040	0.10	2.000		102	72.3	129				
Fluorene	1.937	0.10	2.000		96.8	69.2	120				
Indeno(1,2,3-cd)pyrene	1.763	0.050	2.000		88.2	66.4	127				
Naphthalene	1.830	0.50	2.000		91.5	56.8	120				
Phenanthrene	1.920	0.050	2.000		96.0	70.9	120				
Pyrene	2.233	0.050	2.000		112	68.4	138				
Surr: 4-Terphenyl-d14	2.208	0	2.000		110	59.9	128				

Sample ID: **1712M48-005EMS** Client ID: **GW-43I** Units: **ug/L** Prep Date: **12/26/2017** Run No: **359829**
SampleType: **MS** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **253400** Analysis Date: **12/26/2017** Seq No: **7940884**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	8.151	0.50	2.000	14.30	-307	60.2	120				S
2-Methylnaphthalene	1.259	0.50	2.000	0.8729	19.3	57.8	120				S
Acenaphthene	2.979	0.50	2.000	3.983	-50.2	61.4	120				S
Acenaphthylene	BRL	1.0	2.000	0.3186	27.9	63.9	120				S
Anthracene	0.9327	0.050	2.000	0.2041	36.4	65.3	120				S
Benz(a)anthracene	1.006	0.050	2.000		50.3	76.7	124				S
Benzo(a)pyrene	0.8841	0.050	2.000		44.2	58.5	120				S
Benzo(b)fluoranthene	0.8717	0.10	2.000		43.6	52.6	121				S

Qualifiers:
> Greater than Result value
< Less than Result value
B Analyte detected in the associated method blank
BRL Below reporting limit
E Estimated (value above quantitation range)
H Holding times for preparation or analysis exceeded
J Estimated value detected below Reporting Limit
N Analyte not NELAC certified
R RPD outside limits due to matrix
Rpt Lim Reporting Limit
S Spike Recovery outside limits due to matrix

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: 253400

Sample ID: **1712M48-005EMS**	Client ID: **GW-43I**				Units: **ug/L**		Prep Date: **12/26/2017**		Run No: **359829**	
SampleType: **MS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**				BatchID: **253400**		Analysis Date: **12/26/2017**		Seq No: **7940884**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzo(g,h,i)perylene	0.7992	0.10	2.000		40.0	44.2	120				S
Benzo(k)fluoranthene	0.9777	0.050	2.000		48.9	59	120				S
Chrysene	1.071	0.050	2.000		53.6	65	122				S
Dibenz(a,h)anthracene	0.7137	0.10	2.000		35.7	38.2	120				S
Fluoranthene	1.490	0.10	2.000	0.9492	27.1	71.7	118				S
Fluorene	3.106	0.10	2.000	4.205	-55.0	65.6	120				S
Indeno(1,2,3-cd)pyrene	0.7793	0.050	2.000		39.0	46.6	120				S
Phenanthrene	6.952	0.050	2.000	10.76	-190	65.6	120				S
Pyrene	1.095	0.050	2.000	0.2595	41.8	69	121				S
Surr: 4-Terphenyl-d14	1.025	0	2.000		51.2	59.9	128				S

Sample ID: **1712M48-005EMS**	Client ID: **GW-43I**				Units: **ug/L**		Prep Date: **12/26/2017**		Run No: **359923**	
SampleType: **MS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**				BatchID: **253400**		Analysis Date: **12/27/2017**		Seq No: **7942978**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Naphthalene	BRL	50	2.000	46.01	-556	57.3	120				S

Sample ID: **1712M48-005EMSD**	Client ID: **GW-43I**				Units: **ug/L**		Prep Date: **12/26/2017**		Run No: **359829**	
SampleType: **MSD**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**				BatchID: **253400**		Analysis Date: **12/26/2017**		Seq No: **7940885**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Methylnaphthalene	2.521	0.50	2.000	0.8729	82.4	57.8	120	1.259	66.8	26.4	R
Acenaphthene	5.109	0.50	2.000	3.983	56.3	61.4	120	2.979	52.7	24.4	SR
Acenaphthylene	1.681	1.0	2.000	0.3186	68.1	63.9	120	0.8774	62.8	27.9	R
Anthracene	1.723	0.050	2.000	0.2041	75.9	65.3	120	0.9327	59.5	26.3	R
Benz(a)anthracene	1.957	0.050	2.000		97.9	76.7	124	1.006	64.2	25	R
Benzo(a)pyrene	1.719	0.050	2.000		85.9	58.5	120	0.8841	64.1	23.5	R
Benzo(b)fluoranthene	1.863	0.10	2.000		93.1	52.6	121	0.8717	72.5	24	R

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: 253400

Sample ID: **1712M48-005EMSD**	Client ID: **GW-43I**				Units: **ug/L**		Prep Date: **12/26/2017**		Run No: **359829**	
SampleType: **MSD**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**				BatchID: **253400**		Analysis Date: **12/26/2017**		Seq No: **7940885**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzo(g,h,i)perylene	1.688	0.10	2.000		84.4	44.2	120	0.7992	71.5	32.1	R
Benzo(k)fluoranthene	1.990	0.050	2.000		99.5	59	120	0.9777	68.2	19.6	R
Chrysene	2.020	0.050	2.000		101	65	122	1.071	61.4	23	R
Dibenz(a,h)anthracene	1.501	0.10	2.000		75.0	38.2	120	0.7137	71.1	31.7	R
Fluoranthene	2.827	0.10	2.000	0.9492	93.9	71.7	118	1.490	61.9	23	R
Fluorene	5.471	0.10	2.000	4.205	63.3	65.6	120	3.106	55.2	25	SR
Indeno(1,2,3-cd)pyrene	1.628	0.050	2.000		81.4	46.6	120	0.7793	70.5	32.4	R
Pyrene	2.284	0.050	2.000	0.2595	101	69	121	1.095	70.4	23.8	R
Surr: 4-Terphenyl-d14	3.149	0	2.000		157	59.9	128	1.025	0	0	S

Sample ID: **1712M48-005EMSD**	Client ID: **GW-43I**				Units: **ug/L**		Prep Date: **12/26/2017**		Run No: **359923**	
SampleType: **MSD**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**				BatchID: **253400**		Analysis Date: **12/27/2017**		Seq No: **7942979**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	BRL	50	2.000	14.30	-203	60.2	120	8.151	0	24.9	S
Naphthalene	BRL	50	2.000	46.01	-385	57.3	120	24.59	0	27.2	S

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: 253469

Sample ID: **MB-253469**	Client ID:		Units: **mg/L**	Prep Date: **12/27/2017**	Run No: **360268**
SampleType: **MBLK**	TestCode: **METALS, TOTAL** **SW6010D**		BatchID: **253469**	Analysis Date: **12/28/2017**	Seq No: **7952414**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	0.0500									
Barium	BRL	0.0200									
Cadmium	BRL	0.0050									
Chromium	BRL	0.0100									
Lead	BRL	0.0100									
Selenium	BRL	0.0200									
Silver	BRL	0.0100									

Sample ID: **LCS-253469**	Client ID:		Units: **mg/L**	Prep Date: **12/27/2017**	Run No: **360268**
SampleType: **LCS**	TestCode: **METALS, TOTAL** **SW6010D**		BatchID: **253469**	Analysis Date: **12/28/2017**	Seq No: **7952415**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.003	0.0500	1.000		100	80	120				
Barium	1.008	0.0200	1.000		101	80	120				
Cadmium	0.9568	0.0050	1.000		95.7	80	120				
Chromium	0.9995	0.0100	1.000		99.9	80	120				
Lead	0.9911	0.0100	1.000		99.1	80	120				
Selenium	0.9777	0.0200	1.000		97.8	80	120				
Silver	0.1018	0.0100	0.1000		102	80	120				

Sample ID: **1712M48-012BMS**	Client ID: **GW-27I**		Units: **mg/L**	Prep Date: **12/27/2017**	Run No: **360268**
SampleType: **MS**	TestCode: **METALS, TOTAL** **SW6010D**		BatchID: **253469**	Analysis Date: **12/28/2017**	Seq No: **7952417**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.9850	0.0500	1.000		98.5	75	125				
Barium	1.082	0.0200	1.000	0.1059	97.7	75	125				
Cadmium	0.9342	0.0050	1.000		93.4	75	125				
Chromium	0.9683	0.0100	1.000		96.8	75	125				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: 253469

Sample ID: **1712M48-012BMS**	Client ID: **GW-27I**			Units: **mg/L**	Prep Date: **12/27/2017**	Run No: **360268**
SampleType: **MS**	TestCode: **METALS, TOTAL** **SW6010D**			BatchID: **253469**	Analysis Date: **12/28/2017**	Seq No: **7952417**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	0.9602	0.0100	1.000	0.01730	94.3	75	125				
Selenium	0.9486	0.0200	1.000		94.9	75	125				
Silver	0.09819	0.0100	0.1000		98.2	75	125				

Sample ID: **1712M48-012BMSD**	Client ID: **GW-27I**			Units: **mg/L**	Prep Date: **12/27/2017**	Run No: **360268**
SampleType: **MSD**	TestCode: **METALS, TOTAL** **SW6010D**			BatchID: **253469**	Analysis Date: **12/28/2017**	Seq No: **7952418**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.9838	0.0500	1.000		98.4	75	125	0.9850	0.120	20	
Barium	1.079	0.0200	1.000	0.1059	97.3	75	125	1.082	0.291	20	
Cadmium	0.9349	0.0050	1.000		93.5	75	125	0.9342	0.067	20	
Chromium	0.9692	0.0100	1.000		96.9	75	125	0.9683	0.095	20	
Lead	0.9665	0.0100	1.000	0.01730	94.9	75	125	0.9602	0.655	20	
Selenium	0.9546	0.0200	1.000		95.5	75	125	0.9486	0.631	20	
Silver	0.09814	0.0100	0.1000		98.1	75	125	0.09819	0.051	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: 253557

Sample ID: **MB-253557**	Client ID:			Units: **mg/L**	Prep Date: **12/29/2017**	Run No: **360328**
SampleType: **MBLK**	TestCode: **Mercury, Total SW7470A**			BatchID: **253557**	Analysis Date: **12/29/2017**	Seq No: **7953750**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.00020									

Sample ID: **LCS-253557**	Client ID:			Units: **mg/L**	Prep Date: **12/29/2017**	Run No: **360328**
SampleType: **LCS**	TestCode: **Mercury, Total SW7470A**			BatchID: **253557**	Analysis Date: **12/29/2017**	Seq No: **7953751**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.004252	0.00020	0.0050		85.0	80	120				

Sample ID: **1712M48-012BMS**	Client ID: **GW-27I**			Units: **mg/L**	Prep Date: **12/29/2017**	Run No: **360328**
SampleType: **MS**	TestCode: **Mercury, Total SW7470A**			BatchID: **253557**	Analysis Date: **12/29/2017**	Seq No: **7953753**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.004647	0.00020	0.0050		92.9	70	130				

Sample ID: **1712M48-012BMSD**	Client ID: **GW-27I**			Units: **mg/L**	Prep Date: **12/29/2017**	Run No: **360328**
SampleType: **MSD**	TestCode: **Mercury, Total SW7470A**			BatchID: **253557**	Analysis Date: **12/29/2017**	Seq No: **7953754**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.004602	0.00020	0.0050		92.0	70	130	0.004647	0.973	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: 253615

Sample ID: **MB-253615**	Client ID:			Units: **ug/L**	Prep Date: **12/29/2017**	Run No: **360053**
SampleType: **MBLK**	TestCode: **VOLATILE ORGANICS**	**SW8260B**		BatchID: **253615**	Analysis Date: **12/29/2017**	Seq No: **7945819**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	1.0									
Ethylbenzene	BRL	1.0									
m,p-Xylene	BRL	1.0									
o-Xylene	BRL	1.0									
Toluene	BRL	1.0									
Surr: 4-Bromofluorobenzene	49.07	0	50.00		98.1	68	127				

Sample ID: **LCS-253615**	Client ID:			Units: **ug/L**	Prep Date: **12/29/2017**	Run No: **360053**
SampleType: **LCS**	TestCode: **VOLATILE ORGANICS**	**SW8260B**		BatchID: **253615**	Analysis Date: **12/29/2017**	Seq No: **7945818**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	53.87	1.0	50.00		108	73.7	126				
Ethylbenzene	54.79	1.0	50.00		110	80.1	125				
m,p-Xylene	113.2	1.0	100.0		113	80.5	126				
o-Xylene	56.56	1.0	50.00		113	79.9	127				
Toluene	54.35	1.0	50.00		109	76.8	125				
Surr: 4-Bromofluorobenzene	50.66	0	50.00		101	68	127				

Sample ID: **1712M48-012AMS**	Client ID: **GW-27I**			Units: **ug/L**	Prep Date: **12/29/2017**	Run No: **360084**
SampleType: **MS**	TestCode: **VOLATILE ORGANICS**	**SW8260B**		BatchID: **253615**	Analysis Date: **12/29/2017**	Seq No: **7950188**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	56.72	1.0	50.00	3.900	106	66.1	137				
Ethylbenzene	66.25	1.0	50.00	11.79	109	74	134				
m,p-Xylene	148.4	1.0	100.0	35.53	113	73.8	136				
o-Xylene	69.24	1.0	50.00	13.98	111	71.6	135				
Toluene	68.37	1.0	50.00	15.83	105	63.8	141				
Surr: 4-Bromofluorobenzene	51.64	0	50.00		103	68	127				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: 253615

Sample ID: **1712M48-012AMSD** Client ID: **GW-27I** Units: **ug/L** Prep Date: **12/29/2017** Run No: **360084**
SampleType: **MSD** TestCode: **VOLATILE ORGANICS SW8260B** BatchID: **253615** Analysis Date: **12/29/2017** Seq No: **7950189**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	53.12	1.0	50.00	3.900	98.4	66.1	137	56.72	6.55	20	
Ethylbenzene	64.00	1.0	50.00	11.79	104	74	134	66.25	3.45	20	
m,p-Xylene	141.5	1.0	100.0	35.53	106	73.8	136	148.4	4.72	20	
o-Xylene	65.82	1.0	50.00	13.98	104	71.6	135	69.24	5.06	20	
Toluene	64.31	1.0	50.00	15.83	97.0	63.8	141	68.37	6.12	20	
Surr: 4-Bromofluorobenzene	51.70	0	50.00		103	68	127	51.64	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: R359723

Sample ID: **MB-R359723**	Client ID:			Units: **mg/L**	Prep Date:		Run No: **359723**
SampleType: **MBLK**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**			BatchID: **R359723**	Analysis Date: **12/22/2017**		Seq No: **7940829**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	BRL	0.010									

Sample ID: **LCS-R359723**	Client ID:			Units: **mg/L**	Prep Date:		Run No: **359723**
SampleType: **LCS**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**			BatchID: **R359723**	Analysis Date: **12/22/2017**		Seq No: **7940830**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.5140	0.010	0.5000		103	90	110				

Sample ID: **1712M48-012CMS**	Client ID: **GW-27I**			Units: **mg/L**	Prep Date:		Run No: **359723**
SampleType: **MS**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**			BatchID: **R359723**	Analysis Date: **12/22/2017**		Seq No: **7940845**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.09200	0.010	0.5000		18.4	85	115				SH

Sample ID: **1712M48-012CMSD**	Client ID: **GW-27I**			Units: **mg/L**	Prep Date:		Run No: **359723**
SampleType: **MSD**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**			BatchID: **R359723**	Analysis Date: **12/22/2017**		Seq No: **7940846**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.09500	0.010	0.5000		19.0	85	115	0.09200	3.21	30	SH

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1712M48

ANALYTICAL QC SUMMARY REPORT

BatchID: R359902

Sample ID: **MB-R359902**	Client ID:				Units: **mg/L**	Prep Date:		Run No: **359902**	
SampleType: **MBLK**	TestCode: **ION SCAN SW9056A**				BatchID: **R359902**	Analysis Date: **12/27/2017**		Seq No: **7942055**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	BRL	1.0									

Sample ID: **LCS-R359902**	Client ID:				Units: **mg/L**	Prep Date:		Run No: **359902**	
SampleType: **LCS**	TestCode: **ION SCAN SW9056A**				BatchID: **R359902**	Analysis Date: **12/27/2017**		Seq No: **7942054**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	10.02	1.0	10.00		100	90	110				

Sample ID: **1712M48-001DMS**	Client ID: **GW-20I**				Units: **mg/L**	Prep Date:		Run No: **359902**	
SampleType: **MS**	TestCode: **ION SCAN SW9056A**				BatchID: **R359902**	Analysis Date: **12/27/2017**		Seq No: **7942060**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	11.88	1.0	10.00	2.660	92.2	90	110				

Sample ID: **1712M48-012DMS**	Client ID: **GW-27I**				Units: **mg/L**	Prep Date:		Run No: **359902**	
SampleType: **MS**	TestCode: **ION SCAN SW9056A**				BatchID: **R359902**	Analysis Date: **12/27/2017**		Seq No: **7942057**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	15.84	1.0	10.00	5.641	102	90	110				

Sample ID: **1712M48-012DMSD**	Client ID: **GW-27I**				Units: **mg/L**	Prep Date:		Run No: **359902**	
SampleType: **MSD**	TestCode: **ION SCAN SW9056A**				BatchID: **R359902**	Analysis Date: **12/27/2017**		Seq No: **7942058**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	15.90	1.0	10.00	5.641	103	90	110	15.84	0.334	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Appendix C2
March 2018 Lab Report

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

March 22, 2018

Felix Nchako
AECOM

1360 Peachtree Street NE Suite 500
Atlanta GA 30309

RE: GDOT - Walker Street

Dear Felix Nchako: Order No: 1803E13

Analytical Environmental Services, Inc. received 8 samples on 3/14/2018 10:30:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES's accreditations are as follows:
-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/17-06/30/18.
State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/17-06/30/18 and Total Coliforms/ E. coli, effective 04/25/17-04/24/20.
-NELAP/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/17-06/30/18.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/19.
These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Ioana Pacurar

Ioana Pacurar

Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3080 Presidential Drive Atlanta, GA 30340-3704
Phone: (770) 457-8177 / Toll-Free: (800) 972-4889 / Fax: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1803E13

Date: 3/12/18 Page 1 of 1

COMPANY:	ADDRESS:
AECOM	1300 Peachtree St. NE. Suite 500 Atlanta GA 30309
PHONE: 678-808-8979	EMAIL: ron.hilliard@aecom.com
SAMPLED BY: R. Hilliard	SIGNATURE:

#	SAMPLE ID	SAMPLED: DATE	SAMPLED: TIME	GRAB	COMPOSITE	MATRIX (see codes)	8270C-SIM	BTEX	RCRA metals	Hex. Chromium	Chloride											REMARKS	Number of Containers
							PRESERVATION (see codes)																
							I	HI	N	I	I												
1	GW-20S	3/12/18	14:50	X		GW	X	X	X	X	X												7
2	GW-20I	3/12/18	18:18	X		GW	X	X	X	X	X												7
3	GW-42I	3/13/18	09:30	X		GW	X	X	X	X	X												7
4	GW-43I	3/13/18	11:28	X		GW	X	X	X	X	X												7
5	GW-41S	3/13/18		X		GW	X	X	X	X	X												7
6	DUP-1	3/13/18	—	X		GW	X	X	X	X	X												7
7	Trip Blank	—	—	—		W		X															2
8																							
9																							
10																							
11																							
12																							
13																							
14																							

Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.

RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1.	3/13/18 15:00	1. FedEx 8118 2246 4486 FedEx 8118 2246 4475	
2.		2.	3/14/18 1030
3.		3.	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT: / / VIA:
IN: / / VIA:
client FedEx UPS US mail courier Greyhound
other: _____

PROJECT INFORMATION
PROJECT NAME: GDOT - Walker Street
PROJECT #: 60440866
SITE ADDRESS: 213 West Walker St. Douglas, GA
SEND REPORT TO: Felix.Nchako@aecom.com
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: _____ PO#: _____

RECEIPT
Total # of Containers

Turnaround Time (TAT) Request
- [X] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same-Day Rush (auth req.)
- [ ] Other _____

STATE PROGRAM (if any): _____
E-mail? [ ] Fax? [ ]
DATA PACKAGE: I ○ II ○ III ○ IV ○

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arangements are made.

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

Preservative Codes: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 22-Mar-18

Client: AECOM
Project: GDOT - Walker Street
Lab ID: 1803E13

Case Narrative

Hexavalent Chromium by SM3500-Cr-B:

Samples GW-20S, GW-20I, GW-42I, and DUP-1 for Hexavalent Chromium by SM3500-Cr-B analysis were received and analyzed outside of EPA/Method specified holding time of 24 hours. At the request of Ron Hilliard with AECOM via e-mail on 3/14/18 the laboratory proceeded with analysis.

Sample Receiving Non-conformance:

The collection time was not listed on the Chain of Custody for sample GW-41S. The information was obtained from the container labels. Furthermore. Sample GW-42I did not have an ID illustrated on the container labels, but was matched according to the collection date and time between the labels and Chain of Custody and because all other samples were accounted for.

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-20S
Project Name:	GDOT - Walker Street	**Collection Date:**	3/12/2018 2:50:00 PM
Lab ID:	1803E13-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	1.2	1.0		ug/L	257637	1	03/20/2018 11:29	JB
Toluene	BRL	1.0		ug/L	257637	1	03/20/2018 11:29	JB
Ethylbenzene	1.3	1.0		ug/L	257637	1	03/20/2018 11:29	JB
m,p-Xylene	1.1	1.0		ug/L	257637	1	03/20/2018 11:29	JB
o-Xylene	1.3	1.0		ug/L	257637	1	03/20/2018 11:29	JB
Surr: 4-Bromofluorobenzene	103	68-127		%REC	257637	1	03/20/2018 11:29	JB
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	140	5.0		ug/L	257526	100	03/19/2018 12:04	YH
2-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 21:53	YH
1-Methylnaphthalene	18	5.0		ug/L	257526	100	03/19/2018 12:04	YH
Acenaphthylene	BRL	10		ug/L	257526	1	03/16/2018 21:53	YH
Acenaphthene	29	5.0		ug/L	257526	100	03/19/2018 12:04	YH
Fluorene	29	5.0		ug/L	257526	100	03/19/2018 12:04	YH
Phenanthrene	BRL	10		ug/L	257526	1	03/16/2018 21:53	YH
Anthracene	BRL	10		ug/L	257526	1	03/16/2018 21:53	YH
Fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 21:53	YH
Pyrene	BRL	10		ug/L	257526	1	03/16/2018 21:53	YH
Benz(a)anthracene	BRL	0.050		ug/L	257526	1	03/16/2018 21:53	YH
Chrysene	BRL	0.050		ug/L	257526	1	03/16/2018 21:53	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	257526	1	03/16/2018 21:53	YH
Benzo(k)fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 21:53	YH
Benzo(a)pyrene	0.060	0.050		ug/L	257526	1	03/16/2018 21:53	YH
Indeno(1,2,3-cd)pyrene	0.077	0.050		ug/L	257526	1	03/16/2018 21:53	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	257526	1	03/16/2018 21:53	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	257526	1	03/16/2018 21:53	YH
Surr: 4-Terphenyl-d14	87.2	59.9-128		%REC	257526	1	03/16/2018 21:53	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	257692	1	03/21/2018 01:33	AJ
ION SCAN SW9056A								
Chloride	24	1.0		mg/L	R365799	1	03/16/2018 14:21	MP
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R365606	1	03/14/2018 11:20	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	257450	1	03/15/2018 20:10	IO
Barium	0.150	0.0200		mg/L	257450	1	03/15/2018 20:10	IO
Cadmium	BRL	0.0050		mg/L	257450	1	03/15/2018 20:10	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-20S
Project Name:	GDOT - Walker Street	**Collection Date:**	3/12/2018 2:50:00 PM
Lab ID:	1803E13-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	257450	1	03/15/2018 20:10	IO
Lead	BRL	0.0100		mg/L	257450	1	03/15/2018 20:10	IO
Selenium	BRL	0.0200		mg/L	257450	1	03/15/2018 20:10	IO
Silver	BRL	0.0100		mg/L	257450	1	03/15/2018 20:10	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-20I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/12/2018 6:18:00 PM
Lab ID:	1803E13-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257637	1	03/19/2018 21:55	JB
Toluene	BRL	1.0		ug/L	257637	1	03/19/2018 21:55	JB
Ethylbenzene	BRL	1.0		ug/L	257637	1	03/19/2018 21:55	JB
m,p-Xylene	BRL	1.0		ug/L	257637	1	03/19/2018 21:55	JB
o-Xylene	BRL	1.0		ug/L	257637	1	03/19/2018 21:55	JB
Surr: 4-Bromofluorobenzene	102	68-127		%REC	257637	1	03/19/2018 21:55	JB
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	14	5.0		ug/L	257526	100	03/19/2018 12:31	YH
2-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 22:20	YH
1-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 22:20	YH
Acenaphthylene	BRL	10		ug/L	257526	1	03/16/2018 22:20	YH
Acenaphthene	BRL	10		ug/L	257526	1	03/16/2018 22:20	YH
Fluorene	BRL	10		ug/L	257526	1	03/16/2018 22:20	YH
Phenanthrene	BRL	10		ug/L	257526	1	03/16/2018 22:20	YH
Anthracene	BRL	10		ug/L	257526	1	03/16/2018 22:20	YH
Fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 22:20	YH
Pyrene	BRL	10		ug/L	257526	1	03/16/2018 22:20	YH
Benz(a)anthracene	BRL	0.050		ug/L	257526	1	03/16/2018 22:20	YH
Chrysene	0.053	0.050		ug/L	257526	1	03/16/2018 22:20	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	257526	1	03/16/2018 22:20	YH
Benzo(k)fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 22:20	YH
Benzo(a)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 22:20	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 22:20	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	257526	1	03/16/2018 22:20	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	257526	1	03/16/2018 22:20	YH
Surr: 4-Terphenyl-d14	93	59.9-128		%REC	257526	1	03/16/2018 22:20	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	257692	1	03/21/2018 01:53	AJ
ION SCAN SW9056A								
Chloride	3.2	1.0		mg/L	R365799	1	03/16/2018 14:36	MP
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R365606	1	03/14/2018 11:20	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	257450	1	03/15/2018 20:29	IO
Barium	BRL	0.0200		mg/L	257450	1	03/15/2018 20:29	IO
Cadmium	BRL	0.0050		mg/L	257450	1	03/15/2018 20:29	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-20I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/12/2018 6:18:00 PM
Lab ID:	1803E13-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	257450	1	03/15/2018 20:29	IO
Lead	BRL	0.0100		mg/L	257450	1	03/15/2018 20:29	IO
Selenium	BRL	0.0200		mg/L	257450	1	03/15/2018 20:29	IO
Silver	BRL	0.0100		mg/L	257450	1	03/15/2018 20:29	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-42I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/13/2018 9:30:00 AM
Lab ID:	1803E13-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257637	1	03/20/2018 14:19	JB
Toluene	BRL	1.0		ug/L	257637	1	03/20/2018 14:19	JB
Ethylbenzene	BRL	1.0		ug/L	257637	1	03/20/2018 14:19	JB
m,p-Xylene	2.6	1.0		ug/L	257637	1	03/20/2018 14:19	JB
o-Xylene	1.1	1.0		ug/L	257637	1	03/20/2018 14:19	JB
Surr: 4-Bromofluorobenzene	103	68-127		%REC	257637	1	03/20/2018 14:19	JB
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	BRL	10		ug/L	257526	1	03/16/2018 22:46	YH
2-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 22:46	YH
1-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 22:46	YH
Acenaphthylene	BRL	10		ug/L	257526	1	03/16/2018 22:46	YH
Acenaphthene	BRL	10		ug/L	257526	1	03/16/2018 22:46	YH
Fluorene	BRL	10		ug/L	257526	1	03/16/2018 22:46	YH
Phenanthrene	BRL	10		ug/L	257526	1	03/16/2018 22:46	YH
Anthracene	BRL	10		ug/L	257526	1	03/16/2018 22:46	YH
Fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 22:46	YH
Pyrene	BRL	10		ug/L	257526	1	03/16/2018 22:46	YH
Benz(a)anthracene	0.067	0.050		ug/L	257526	1	03/16/2018 22:46	YH
Chrysene	0.069	0.050		ug/L	257526	1	03/16/2018 22:46	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	257526	1	03/16/2018 22:46	YH
Benzo(k)fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 22:46	YH
Benzo(a)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 22:46	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 22:46	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	257526	1	03/16/2018 22:46	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	257526	1	03/16/2018 22:46	YH
Surr: 4-Terphenyl-d14	105	59.9-128		%REC	257526	1	03/16/2018 22:46	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	257692	1	03/21/2018 02:01	AJ
ION SCAN SW9056A								
Chloride	3.4	1.0		mg/L	R365799	1	03/16/2018 14:51	MP
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R365606	1	03/14/2018 11:20	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	257450	1	03/15/2018 20:33	IO
Barium	BRL	0.0200		mg/L	257450	1	03/15/2018 20:33	IO
Cadmium	BRL	0.0050		mg/L	257450	1	03/15/2018 20:33	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-42I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/13/2018 9:30:00 AM
Lab ID:	1803E13-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	257450	1	03/15/2018 20:33	IO
Lead	BRL	0.0100		mg/L	257450	1	03/15/2018 20:33	IO
Selenium	BRL	0.0200		mg/L	257450	1	03/15/2018 20:33	IO
Silver	BRL	0.0100		mg/L	257450	1	03/15/2018 20:33	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-43I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/13/2018 11:28:00 AM
Lab ID:	1803E13-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257637	1	03/20/2018 14:43	JB
Toluene	BRL	1.0		ug/L	257637	1	03/20/2018 14:43	JB
Ethylbenzene	BRL	1.0		ug/L	257637	1	03/20/2018 14:43	JB
m,p-Xylene	BRL	1.0		ug/L	257637	1	03/20/2018 14:43	JB
o-Xylene	BRL	1.0		ug/L	257637	1	03/20/2018 14:43	JB
Surr: 4-Bromofluorobenzene	103	68-127		%REC	257637	1	03/20/2018 14:43	JB
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	22	5.0		ug/L	257526	100	03/19/2018 10:44	YH
2-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 17:53	YH
1-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 17:53	YH
Acenaphthylene	BRL	10		ug/L	257526	1	03/16/2018 17:53	YH
Acenaphthene	BRL	10		ug/L	257526	1	03/16/2018 17:53	YH
Fluorene	BRL	10		ug/L	257526	1	03/16/2018 17:53	YH
Phenanthrene	BRL	10		ug/L	257526	1	03/16/2018 17:53	YH
Anthracene	BRL	10		ug/L	257526	1	03/16/2018 17:53	YH
Fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 17:53	YH
Pyrene	BRL	10		ug/L	257526	1	03/16/2018 17:53	YH
Benz(a)anthracene	BRL	0.050		ug/L	257526	1	03/16/2018 17:53	YH
Chrysene	BRL	0.050		ug/L	257526	1	03/16/2018 17:53	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	257526	1	03/16/2018 17:53	YH
Benzo(k)fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 17:53	YH
Benzo(a)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 17:53	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 17:53	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	257526	1	03/16/2018 17:53	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	257526	1	03/16/2018 17:53	YH
Surr: 4-Terphenyl-d14	103	59.9-128		%REC	257526	1	03/16/2018 17:53	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	257692	1	03/21/2018 02:05	AJ
ION SCAN SW9056A								
Chloride	5.5	1.0		mg/L	R365799	1	03/16/2018 15:07	MP
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010		mg/L	R365606	1	03/14/2018 11:20	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	257450	1	03/15/2018 20:36	IO
Barium	0.0538	0.0200		mg/L	257450	1	03/15/2018 20:36	IO
Cadmium	BRL	0.0050		mg/L	257450	1	03/15/2018 20:36	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-43I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/13/2018 11:28:00 AM
Lab ID:	1803E13-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	257450	1	03/15/2018 20:36	IO
Lead	BRL	0.0100		mg/L	257450	1	03/15/2018 20:36	IO
Selenium	BRL	0.0200		mg/L	257450	1	03/15/2018 20:36	IO
Silver	BRL	0.0100		mg/L	257450	1	03/15/2018 20:36	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-41S
Project Name:	GDOT - Walker Street	**Collection Date:**	3/13/2018 1:57:00 PM
Lab ID:	1803E13-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257637	1	03/20/2018 15:08	JB
Toluene	BRL	1.0		ug/L	257637	1	03/20/2018 15:08	JB
Ethylbenzene	BRL	1.0		ug/L	257637	1	03/20/2018 15:08	JB
m,p-Xylene	BRL	1.0		ug/L	257637	1	03/20/2018 15:08	JB
o-Xylene	BRL	1.0		ug/L	257637	1	03/20/2018 15:08	JB
Surr: 4-Bromofluorobenzene	103	68-127		%REC	257637	1	03/20/2018 15:08	JB
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	BRL	10		ug/L	257526	1	03/16/2018 18:20	YH
2-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 18:20	YH
1-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 18:20	YH
Acenaphthylene	BRL	10		ug/L	257526	1	03/16/2018 18:20	YH
Acenaphthene	BRL	10		ug/L	257526	1	03/16/2018 18:20	YH
Fluorene	BRL	10		ug/L	257526	1	03/16/2018 18:20	YH
Phenanthrene	16	5.0		ug/L	257526	100	03/19/2018 11:10	YH
Anthracene	BRL	10		ug/L	257526	1	03/16/2018 18:20	YH
Fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 18:20	YH
Pyrene	BRL	10		ug/L	257526	1	03/16/2018 18:20	YH
Benz(a)anthracene	BRL	0.050		ug/L	257526	1	03/16/2018 18:20	YH
Chrysene	BRL	0.050		ug/L	257526	1	03/16/2018 18:20	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	257526	1	03/16/2018 18:20	YH
Benzo(k)fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 18:20	YH
Benzo(a)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 18:20	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 18:20	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	257526	1	03/16/2018 18:20	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	257526	1	03/16/2018 18:20	YH
Surr: 4-Terphenyl-d14	98.9	59.9-128		%REC	257526	1	03/16/2018 18:20	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	257692	1	03/21/2018 02:09	AJ
ION SCAN SW9056A								
Chloride	8.2	1.0		mg/L	R365799	1	03/16/2018 15:22	MP
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010		mg/L	R365606	1	03/14/2018 11:20	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	257450	1	03/15/2018 20:40	IO
Barium	0.0679	0.0200		mg/L	257450	1	03/15/2018 20:40	IO
Cadmium	BRL	0.0050		mg/L	257450	1	03/15/2018 20:40	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-41S
Project Name:	GDOT - Walker Street	**Collection Date:**	3/13/2018 1:57:00 PM
Lab ID:	1803E13-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	257450	1	03/15/2018 20:40	IO
Lead	BRL	0.0100		mg/L	257450	1	03/15/2018 20:40	IO
Selenium	BRL	0.0200		mg/L	257450	1	03/15/2018 20:40	IO
Silver	BRL	0.0100		mg/L	257450	1	03/15/2018 20:40	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	DUP-1
Project Name:	GDOT - Walker Street	**Collection Date:**	3/13/2018
Lab ID:	1803E13-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257637	1	03/20/2018 11:53	JB
Toluene	BRL	1.0		ug/L	257637	1	03/20/2018 11:53	JB
Ethylbenzene	BRL	1.0		ug/L	257637	1	03/20/2018 11:53	JB
m,p-Xylene	BRL	1.0		ug/L	257637	1	03/20/2018 11:53	JB
o-Xylene	BRL	1.0		ug/L	257637	1	03/20/2018 11:53	JB
Surr: 4-Bromofluorobenzene	103	68-127		%REC	257637	1	03/20/2018 11:53	JB
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	13	5.0		ug/L	257526	100	03/19/2018 11:37	YH
2-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 18:46	YH
1-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 18:46	YH
Acenaphthylene	BRL	10		ug/L	257526	1	03/16/2018 18:46	YH
Acenaphthene	BRL	10		ug/L	257526	1	03/16/2018 18:46	YH
Fluorene	BRL	10		ug/L	257526	1	03/16/2018 18:46	YH
Phenanthrene	BRL	10		ug/L	257526	1	03/16/2018 18:46	YH
Anthracene	BRL	10		ug/L	257526	1	03/16/2018 18:46	YH
Fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 18:46	YH
Pyrene	BRL	10		ug/L	257526	1	03/16/2018 18:46	YH
Benz(a)anthracene	BRL	0.050		ug/L	257526	1	03/16/2018 18:46	YH
Chrysene	BRL	0.050		ug/L	257526	1	03/16/2018 18:46	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	257526	1	03/16/2018 18:46	YH
Benzo(k)fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 18:46	YH
Benzo(a)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 18:46	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 18:46	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	257526	1	03/16/2018 18:46	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	257526	1	03/16/2018 18:46	YH
Surr: 4-Terphenyl-d14	103	59.9-128		%REC	257526	1	03/16/2018 18:46	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	257692	1	03/21/2018 02:13	AJ
ION SCAN SW9056A								
Chloride	5.5	1.0		mg/L	R365799	1	03/16/2018 15:37	MP
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R365606	1	03/14/2018 11:20	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	257450	1	03/15/2018 20:43	IO
Barium	0.0537	0.0200		mg/L	257450	1	03/15/2018 20:43	IO
Cadmium	BRL	0.0050		mg/L	257450	1	03/15/2018 20:43	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	DUP-1
Project Name:	GDOT - Walker Street	**Collection Date:**	3/13/2018
Lab ID:	1803E13-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	257450	1	03/15/2018 20:43	IO
Lead	BRL	0.0100		mg/L	257450	1	03/15/2018 20:43	IO
Selenium	BRL	0.0200		mg/L	257450	1	03/15/2018 20:43	IO
Silver	BRL	0.0100		mg/L	257450	1	03/15/2018 20:43	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	TRIP BLANK #1
Project Name:	GDOT - Walker Street	**Collection Date:**	3/13/2018
Lab ID:	1803E13-007	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257637	1	03/20/2018 09:26	JB
Toluene	BRL	1.0		ug/L	257637	1	03/20/2018 09:26	JB
Ethylbenzene	BRL	1.0		ug/L	257637	1	03/20/2018 09:26	JB
m,p-Xylene	BRL	1.0		ug/L	257637	1	03/20/2018 09:26	JB
o-Xylene	BRL	1.0		ug/L	257637	1	03/20/2018 09:26	JB
Surr: 4-Bromofluorobenzene	102	68-127		%REC	257637	1	03/20/2018 09:26	JB

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	TRIP BLANK #2
Project Name:	GDOT - Walker Street	**Collection Date:**	3/13/2018
Lab ID:	1803E13-008	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257637	1	03/20/2018 13:06	JB
Toluene	BRL	1.0		ug/L	257637	1	03/20/2018 13:06	JB
Ethylbenzene	BRL	1.0		ug/L	257637	1	03/20/2018 13:06	JB
m,p-Xylene	BRL	1.0		ug/L	257637	1	03/20/2018 13:06	JB
o-Xylene	BRL	1.0		ug/L	257637	1	03/20/2018 13:06	JB
Surr: 4-Bromofluorobenzene	103	68-127		%REC	257637	1	03/20/2018 13:06	JB

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 22-Mar-18

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: GW-20S				**Lab ID:** 1803E13-001			
Collection Date: 3/12/2018 2:50:00 PM				**Matrix:** Groundwater			
VOLATILE ORGANICS SW8260B				**(SW5030B)**			
Benzene	1.2		0.17	1.0	ug/L	257637	1
Ethylbenzene	1.3		0.19	1.0	ug/L	257637	1
m,p-Xylene	1.1		0.31	1.0	ug/L	257637	1
o-Xylene	1.3		0.30	1.0	ug/L	257637	1
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	140		0.72	5.0	ug/L	257526	100
1-Methylnaphthalene	18		0.60	5.0	ug/L	257526	100
Acenaphthene	29		1.7	5.0	ug/L	257526	100
Fluorene	29		1.9	5.0	ug/L	257526	100
Benzo(a)pyrene	0.060		0.022	0.050	ug/L	257526	1
Indeno(1,2,3-cd)pyrene	0.077		0.012	0.050	ug/L	257526	1
ION SCAN SW9056A							
Chloride	24		0.17	1.0	mg/L	R365799	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.150		0.0031	0.0200	mg/L	257450	1
Client Sample ID: GW-20I				**Lab ID:** 1803E13-002			
Collection Date: 3/12/2018 6:18:00 PM				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	14		0.72	5.0	ug/L	257526	100
Chrysene	0.053		0.017	0.050	ug/L	257526	1
ION SCAN SW9056A							
Chloride	3.2		0.17	1.0	mg/L	R365799	1
Client Sample ID: GW-42I				**Lab ID:** 1803E13-003			
Collection Date: 3/13/2018 9:30:00 AM				**Matrix:** Groundwater			
VOLATILE ORGANICS SW8260B				**(SW5030B)**			
m,p-Xylene	2.6		0.31	1.0	ug/L	257637	1
o-Xylene	1.1		0.30	1.0	ug/L	257637	1
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Benz(a)anthracene	0.067		0.018	0.050	ug/L	257526	1
Chrysene	0.069		0.017	0.050	ug/L	257526	1
ION SCAN SW9056A							
Chloride	3.4		0.17	1.0	mg/L	R365799	1
Client Sample ID: GW-43I				**Lab ID:** 1803E13-004			
Collection Date: 3/13/2018 11:28:00 AM				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	22		0.72	5.0	ug/L	257526	100
ION SCAN SW9056A							
Chloride	5.5		0.17	1.0	mg/L	R365799	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0538		0.0031	0.0200	mg/L	257450	1
Client Sample ID: GW-41S				**Lab ID:** 1803E13-005			
Collection Date: 3/13/2018 1:57:00 PM				**Matrix:** Groundwater			

Analytical Environmental Services, Inc

Date: 22-Mar-18

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: GW-41S				**Lab ID:** 1803E13-005			
Collection Date: 3/13/2018 1:57:00 PM				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Phenanthrene	16		2.2	5.0	ug/L	257526	100
ION SCAN SW9056A							
Chloride	8.2		0.17	1.0	mg/L	R365799	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0679		0.0031	0.0200	mg/L	257450	1
Client Sample ID: DUP-1				**Lab ID:** 1803E13-006			
Collection Date: 3/13/2018				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	13		0.72	5.0	ug/L	257526	100
ION SCAN SW9056A							
Chloride	5.5		0.17	1.0	mg/L	R365799	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0537		0.0031	0.0200	mg/L	257450	1

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Clear Save as

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: **AECOM** AES Work Order Number: **1803E13**

2. Carrier: FedEx ■ UPS ☐ USPS ☐ Client ☐ Courier ☐ Other _____

		Yes	No	N/A	Details	Comments
3.	Shipping container/cooler received in good condition?	◉	○	○	damaged ☐ leaking ☐ other ☐	
4.	Custody seals present on shipping container?	◉	○	○		
5.	Custody seals intact on shipping container?	◉	○	○		
6.	Temperature blanks present?	◉	○	○		
7.	Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	◉	○	○	Cooling initiated for recently collected samples / ice present ☐	
8.	Chain of Custody (COC) present?	◉	○	○		
9.	Chain of Custody signed, dated, and timed when relinquished and received?	◉	○	○		
10.	Sampler name and/or signature on COC?	◉	○	○		
11.	Were all samples received within holding time?	○	◉	○		
12.	TAT marked on the COC?	◉	○	○	If no TAT indicated, proceeded with standard TAT per Terms & Conditions. ☐	

13. Cooler 1 Temperature 0.9 °C Cooler 2 Temperature 0.4 °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C

14. Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). KR 3/14/18

		Yes	No	N/A	Details	Comments
16.	Were sample containers intact upon receipt?	◉	○	○		
17.	Custody seals present on sample containers?	○	◉	○		
18.	Custody seals intact on sample containers?	○	○	◉		
19.	Do sample container labels match the COC?	○	◉	○	incomplete info ■ illegible ☐ no label ☐ other ☐	
20.	Are analyses requested indicated on the COC?	◉	○	○		
21.	Were all of the samples listed on the COC received?	◉	○	○	samples received but not listed on COC ☐ samples listed on COC not received ☐	
22.	Was the sample collection date/time noted?	◉	○	○		
23.	Did we receive sufficient sample volume for indicated analyses?	◉	○	○		
24.	Were samples received in appropriate containers?	◉	○	○		
25.	Were VOA samples received without headspace (< 1/4" bubble)?	◉	○	○		
26.	Were trip blanks submitted?	◉	○	○	listed on COC ■ not listed on COC ☐	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). KR 3/14/18

This section only applies to samples where pH can be checked at Sample Receipt.

		Yes	No	N/A	Details	Comments
28.	Have containers needing chemical preservation been checked? *	◉	○	○		
29.	Containers meet preservation guidelines?	◉	○	○		
30.	Was pH adjusted at Sample Receipt?	○	○	◉		

* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH.

I certify that I have completed sections 28-30 (dated initials). KR 3/14/18

Checklist 6.9.17 Rev 2

Locked

Client: AECOM
Project Name: GDOT - Walker Street
Lab Order: 1803E13

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1803E13-001A	GW-20S	3/12/2018 2:50:00PM	Groundwater	VOLATILE ORGANICS: BTEX		3/19/2018 10:45:00AM	03/20/2018
1803E13-001B	GW-20S	3/12/2018 2:50:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/16/2018
1803E13-001B	GW-20S	3/12/2018 2:50:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/19/2018
1803E13-001C	GW-20S	3/12/2018 2:50:00PM	Groundwater	TOTAL METALS BY ICP		3/15/2018 10:58:00AM	03/15/2018
1803E13-001C	GW-20S	3/12/2018 2:50:00PM	Groundwater	TOTAL MERCURY		3/20/2018 8:16:00PM	03/21/2018
1803E13-001D	GW-20S	3/12/2018 2:50:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			03/14/2018
1803E13-001E	GW-20S	3/12/2018 2:50:00PM	Groundwater	ION SCAN			03/16/2018
1803E13-002A	GW-20I	3/12/2018 6:18:00PM	Groundwater	VOLATILE ORGANICS: BTEX		3/19/2018 10:45:00AM	03/19/2018
1803E13-002B	GW-20I	3/12/2018 6:18:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/16/2018
1803E13-002B	GW-20I	3/12/2018 6:18:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/19/2018
1803E13-002C	GW-20I	3/12/2018 6:18:00PM	Groundwater	TOTAL METALS BY ICP		3/15/2018 10:58:00AM	03/15/2018
1803E13-002C	GW-20I	3/12/2018 6:18:00PM	Groundwater	TOTAL MERCURY		3/20/2018 8:16:00PM	03/21/2018
1803E13-002D	GW-20I	3/12/2018 6:18:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			03/14/2018
1803E13-002E	GW-20I	3/12/2018 6:18:00PM	Groundwater	ION SCAN			03/16/2018
1803E13-003A	GW-42I	3/13/2018 9:30:00AM	Groundwater	VOLATILE ORGANICS: BTEX		3/19/2018 10:45:00AM	03/20/2018
1803E13-003B	GW-42I	3/13/2018 9:30:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/16/2018
1803E13-003C	GW-42I	3/13/2018 9:30:00AM	Groundwater	TOTAL METALS BY ICP		3/15/2018 10:58:00AM	03/15/2018
1803E13-003C	GW-42I	3/13/2018 9:30:00AM	Groundwater	TOTAL MERCURY		3/20/2018 8:16:00PM	03/21/2018
1803E13-003D	GW-42I	3/13/2018 9:30:00AM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			03/14/2018
1803E13-003E	GW-42I	3/13/2018 9:30:00AM	Groundwater	ION SCAN			03/16/2018
1803E13-004A	GW-43I	3/13/2018 11:28:00AM	Groundwater	VOLATILE ORGANICS: BTEX		3/19/2018 10:45:00AM	03/20/2018
1803E13-004B	GW-43I	3/13/2018 11:28:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/16/2018
1803E13-004B	GW-43I	3/13/2018 11:28:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/19/2018
1803E13-004C	GW-43I	3/13/2018 11:28:00AM	Groundwater	TOTAL METALS BY ICP		3/15/2018 10:58:00AM	03/15/2018
1803E13-004C	GW-43I	3/13/2018 11:28:00AM	Groundwater	TOTAL MERCURY		3/20/2018 8:16:00PM	03/21/2018
1803E13-004D	GW-43I	3/13/2018 11:28:00AM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			03/14/2018
1803E13-004E	GW-43I	3/13/2018 11:28:00AM	Groundwater	ION SCAN			03/16/2018
1803E13-005A	GW-41S	3/13/2018 1:57:00PM	Groundwater	VOLATILE ORGANICS: BTEX		3/19/2018 10:45:00AM	03/20/2018
1803E13-005B	GW-41S	3/13/2018 1:57:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/16/2018

Client: AECOM
Project Name: GDOT - Walker Street
Lab Order: 1803E13

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1803E13-005B	GW-41S	3/13/2018 1:57:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/19/2018
1803E13-005C	GW-41S	3/13/2018 1:57:00PM	Groundwater	TOTAL METALS BY ICP		3/15/2018 10:58:00AM	03/15/2018
1803E13-005C	GW-41S	3/13/2018 1:57:00PM	Groundwater	TOTAL MERCURY		3/20/2018 8:16:00PM	03/21/2018
1803E13-005D	GW-41S	3/13/2018 1:57:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			03/14/2018
1803E13-005E	GW-41S	3/13/2018 1:57:00PM	Groundwater	ION SCAN			03/16/2018
1803E13-006A	DUP-1	3/13/2018 12:00:00AM	Groundwater	VOLATILE ORGANICS: BTEX		3/19/2018 10:45:00AM	03/20/2018
1803E13-006B	DUP-1	3/13/2018 12:00:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/16/2018
1803E13-006B	DUP-1	3/13/2018 12:00:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/19/2018
1803E13-006C	DUP-1	3/13/2018 12:00:00AM	Groundwater	TOTAL METALS BY ICP		3/15/2018 10:58:00AM	03/15/2018
1803E13-006C	DUP-1	3/13/2018 12:00:00AM	Groundwater	TOTAL MERCURY		3/20/2018 8:16:00PM	03/21/2018
1803E13-006D	DUP-1	3/13/2018 12:00:00AM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			03/14/2018
1803E13-006E	DUP-1	3/13/2018 12:00:00AM	Groundwater	ION SCAN			03/16/2018
1803E13-007A	TRIP BLANK #1	3/13/2018 12:00:00AM	Aqueous	VOLATILE ORGANICS: BTEX		3/19/2018 10:45:00AM	03/20/2018
1803E13-008A	TRIP BLANK #2	3/13/2018 12:00:00AM	Aqueous	VOLATILE ORGANICS: BTEX		3/19/2018 10:45:00AM	03/20/2018

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803E13

ANALYTICAL QC SUMMARY REPORT

BatchID: 257450

Sample ID: **MB-257450** Client ID: Units: **mg/L** Prep Date: **03/15/2018** Run No: **365519**
SampleType: **MBLK** TestCode: **METALS, TOTAL SW6010D** BatchID: **257450** Analysis Date: **03/15/2018** Seq No: **8081422**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	0.0500									
Barium	BRL	0.0200									
Cadmium	BRL	0.0050									
Chromium	BRL	0.0100									
Lead	BRL	0.0100									
Selenium	BRL	0.0200									
Silver	BRL	0.0100									

Sample ID: **LCS-257450** Client ID: Units: **mg/L** Prep Date: **03/15/2018** Run No: **365519**
SampleType: **LCS** TestCode: **METALS, TOTAL SW6010D** BatchID: **257450** Analysis Date: **03/15/2018** Seq No: **8081423**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.9005	0.0500	1.000		90.0	80	120				
Barium	0.9313	0.0200	1.000		93.1	80	120				
Cadmium	0.9382	0.0050	1.000		93.8	80	120				
Chromium	0.9316	0.0100	1.000		93.2	80	120				
Lead	0.9392	0.0100	1.000		93.9	80	120				
Selenium	0.9276	0.0200	1.000		92.8	80	120				
Silver	0.09418	0.0100	0.1000		94.2	80	120				

Sample ID: **1803E13-001CMS** Client ID: **GW-20S** Units: **mg/L** Prep Date: **03/15/2018** Run No: **365519**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010D** BatchID: **257450** Analysis Date: **03/15/2018** Seq No: **8081427**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.8979	0.0500	1.000		89.8	75	125				
Barium	1.066	0.0200	1.000	0.1496	91.7	75	125				
Cadmium	0.9303	0.0050	1.000		93.0	75	125				
Chromium	0.9326	0.0100	1.000		93.3	75	125				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803E13

ANALYTICAL QC SUMMARY REPORT

BatchID: 257450

Sample ID: **1803E13-001CMS**	Client ID: **GW-20S**	Units: **mg/L**	Prep Date: **03/15/2018**	Run No: **365519**
SampleType: **MS**	TestCode: **METALS, TOTAL SW6010D**	BatchID: **257450**	Analysis Date: **03/15/2018**	Seq No: **8081427**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	0.9185	0.0100	1.000		91.8	75	125				
Selenium	0.9325	0.0200	1.000		93.3	75	125				
Silver	0.09289	0.0100	0.1000		92.9	75	125				

Sample ID: **1803E13-001CMSD**	Client ID: **GW-20S**	Units: **mg/L**	Prep Date: **03/15/2018**	Run No: **365519**
SampleType: **MSD**	TestCode: **METALS, TOTAL SW6010D**	BatchID: **257450**	Analysis Date: **03/15/2018**	Seq No: **8081428**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.9023	0.0500	1.000		90.2	75	125	0.8979	0.489	20	
Barium	1.069	0.0200	1.000	0.1496	91.9	75	125	1.066	0.249	20	
Cadmium	0.9299	0.0050	1.000		93.0	75	125	0.9303	0.044	20	
Chromium	0.9335	0.0100	1.000		93.4	75	125	0.9326	0.100	20	
Lead	0.9213	0.0100	1.000		92.1	75	125	0.9185	0.307	20	
Selenium	0.9326	0.0200	1.000		93.3	75	125	0.9325	0.007	20	
Silver	0.09262	0.0100	0.1000		92.6	75	125	0.09289	0.298	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803E13

ANALYTICAL QC SUMMARY REPORT

BatchID: 257526

Sample ID: **MB-257526** Client ID: Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
SampleType: **MBLK** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085360**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	BRL	0.50									
2-Methylnaphthalene	BRL	0.50									
Acenaphthene	BRL	0.50									
Acenaphthylene	BRL	1.0									
Anthracene	BRL	0.050									
Benz(a)anthracene	BRL	0.050									
Benzo(a)pyrene	BRL	0.050									
Benzo(b)fluoranthene	BRL	0.10									
Benzo(g,h,i)perylene	BRL	0.10									
Benzo(k)fluoranthene	BRL	0.050									
Chrysene	BRL	0.050									
Dibenz(a,h)anthracene	BRL	0.10									
Fluoranthene	BRL	0.10									
Fluorene	BRL	0.10									
Indeno(1,2,3-cd)pyrene	BRL	0.050									
Naphthalene	BRL	0.50									
Phenanthrene	BRL	0.050									
Pyrene	BRL	0.050									
Surr: 4-Terphenyl-d14	2.071	0	2.000		104	59.9	128				

Sample ID: **LCS-257526** Client ID: Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
SampleType: **LCS** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085361**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	1.615	0.50	2.000		80.8	60.4	120				
2-Methylnaphthalene	1.597	0.50	2.000		79.9	58.4	120				
Acenaphthene	1.748	0.50	2.000		87.4	64.7	120				
Acenaphthylene	1.756	1.0	2.000		87.8	63.2	120				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803E13

ANALYTICAL QC SUMMARY REPORT

BatchID: 257526

Sample ID: **LCS-257526** Client ID: Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
SampleType: **LCS** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085361**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	1.734	0.050	2.000		86.7	69.3	125				
Benz(a)anthracene	1.891	0.050	2.000		94.6	71.1	141				
Benzo(a)pyrene	1.756	0.050	2.000		87.8	67.2	131				
Benzo(b)fluoranthene	1.753	0.10	2.000		87.7	66.1	134				
Benzo(g,h,i)perylene	1.545	0.10	2.000		77.2	66.1	128				
Benzo(k)fluoranthene	1.815	0.050	2.000		90.7	67.7	133				
Chrysene	2.036	0.050	2.000		102	71.3	137				
Dibenz(a,h)anthracene	1.418	0.10	2.000		70.9	59.7	125				
Fluoranthene	1.794	0.10	2.000		89.7	72.3	129				
Fluorene	1.706	0.10	2.000		85.3	69.2	120				
Indeno(1,2,3-cd)pyrene	1.556	0.050	2.000		77.8	66.4	127				
Naphthalene	1.684	0.50	2.000		84.2	56.8	120				
Phenanthrene	1.619	0.050	2.000		80.9	70.9	120				
Pyrene	2.041	0.050	2.000		102	68.4	138				
Surr: 4-Terphenyl-d14	2.116	0	2.000		106	59.9	128				

Sample ID: **1803F91-002BMS** Client ID: Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
SampleType: **MS** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085363**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Methylnaphthalene	3.791	0.50	2.000	1.801	99.5	57.8	120				
Acenaphthylene	2.895	1.0	2.000	0.8887	100	63.9	120				
Anthracene	2.186	0.050	2.000	0.3823	90.2	65.3	120				
Benz(a)anthracene	2.005	0.050	2.000		100	76.7	124				
Benzo(a)pyrene	1.773	0.050	2.000		88.6	58.5	120				
Benzo(b)fluoranthene	1.852	0.10	2.000		92.6	52.6	121				
Benzo(g,h,i)perylene	1.311	0.10	2.000		65.6	44.2	120				
Benzo(k)fluoranthene	1.819	0.050	2.000		90.9	59	120				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803E13

ANALYTICAL QC SUMMARY REPORT

BatchID: 257526

Sample ID: **1803F91-002BMS**	Client ID:			Units: **ug/L**	Prep Date: **03/16/2018**	Run No: **365586**
SampleType: **MS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**			BatchID: **257526**	Analysis Date: **03/16/2018**	Seq No: **8085363**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chrysene	2.007	0.050	2.000		100	65	122				
Dibenz(a,h)anthracene	1.171	0.10	2.000		58.5	38.2	120				
Fluoranthene	4.219	0.10	2.000	2.187	102	71.7	118				
Indeno(1,2,3-cd)pyrene	1.357	0.050	2.000		67.8	46.6	120				
Pyrene	2.686	0.050	2.000	0.4772	110	69	121				
Surr: 4-Terphenyl-d14	2.154	0	2.000		108	59.9	128				

Sample ID: **1803F91-002BMS**	Client ID:			Units: **ug/L**	Prep Date: **03/16/2018**	Run No: **365719**
SampleType: **MS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**			BatchID: **257526**	Analysis Date: **03/19/2018**	Seq No: **8086773**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	61.60	50	2.000	57.94	183	60.2	120				S
Acenaphthene	BRL	50	2.000	31.29	114	61.4	120				
Fluorene	29.26	10	2.000	27.81	72.6	65.6	120				
Naphthalene	719.8	50	2.000	706.6	658	57.3	120				S
Phenanthrene	26.29	5.0	2.000	27.14	-42.6	65.6	120				S

Sample ID: **1803F91-002BMSD**	Client ID:			Units: **ug/L**	Prep Date: **03/16/2018**	Run No: **365586**
SampleType: **MSD**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**			BatchID: **257526**	Analysis Date: **03/16/2018**	Seq No: **8085364**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Methylnaphthalene	3.718	0.50	2.000	1.801	95.8	57.8	120	3.791	1.96	26.4	
Acenaphthylene	2.741	1.0	2.000	0.8887	92.6	63.9	120	2.895	5.48	27.9	
Anthracene	2.126	0.050	2.000	0.3823	87.2	65.3	120	2.186	2.80	26.3	
Benz(a)anthracene	1.921	0.050	2.000		96.1	76.7	124	2.005	4.28	25	
Benzo(a)pyrene	1.724	0.050	2.000		86.2	58.5	120	1.773	2.82	23.5	
Benzo(b)fluoranthene	1.774	0.10	2.000		88.7	52.6	121	1.852	4.35	24	
Benzo(g,h,i)perylene	1.326	0.10	2.000		66.3	44.2	120	1.311	1.11	32.1	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803E13

ANALYTICAL QC SUMMARY REPORT

BatchID: 257526

Sample ID: **1803F91-002BMSD** Client ID:
SampleType: **MSD** TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**
Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085364**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	1.776	0.050	2.000		88.8	59	120	1.819	2.39	19.6	
Chrysene	1.922	0.050	2.000		96.1	65	122	2.007	4.32	23	
Dibenz(a,h)anthracene	1.200	0.10	2.000		60.0	38.2	120	1.171	2.45	31.7	
Fluoranthene	4.121	0.10	2.000	2.187	96.7	71.7	118	4.219	2.34	23	
Indeno(1,2,3-cd)pyrene	1.344	0.050	2.000		67.2	46.6	120	1.357	0.928	32.4	
Pyrene	2.586	0.050	2.000	0.4772	105	69	121	2.686	3.78	23.8	
Surr: 4-Terphenyl-d14	1.989	0	2.000		99.4	59.9	128	2.154	0	0	

Sample ID: **1803F91-002BMSD** Client ID:
SampleType: **MSD** TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**
Units: **ug/L** Prep Date: **03/16/2018** Run No: **365719**
BatchID: **257526** Analysis Date: **03/19/2018** Seq No: **8086774**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	58.05	50	2.000	57.94	5.45	60.2	120	61.60	5.92	24.9	S
Acenaphthene	BRL	50	2.000	31.29	76.0	61.4	120	33.56	0	24.4	
Fluorene	28.12	10	2.000	27.81	15.2	65.6	120	29.26	4.00	25	S
Naphthalene	681.6	50	2.000	706.6	-1250	57.3	120	719.8	5.45	27.2	S
Phenanthrene	25.35	5.0	2.000	27.14	-89.6	65.6	120	26.29	3.64	23.5	S

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803E13

ANALYTICAL QC SUMMARY REPORT

BatchID: 257637

Sample ID: **MB-257637**	Client ID:			Units: **ug/L**	Prep Date: **03/19/2018**	Run No: **365722**
SampleType: **MBLK**	TestCode: **VOLATILE ORGANICS**	**SW8260B**		BatchID: **257637**	Analysis Date: **03/19/2018**	Seq No: **8086864**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	1.0									
Ethylbenzene	BRL	1.0									
m,p-Xylene	BRL	1.0									
o-Xylene	BRL	1.0									
Toluene	BRL	1.0									
Surr: 4-Bromofluorobenzene	48.57	0	50.00		97.1	68	127				

Sample ID: **LCS-257637**	Client ID:			Units: **ug/L**	Prep Date: **03/19/2018**	Run No: **365722**
SampleType: **LCS**	TestCode: **VOLATILE ORGANICS**	**SW8260B**		BatchID: **257637**	Analysis Date: **03/19/2018**	Seq No: **8086866**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	51.89	1.0	50.00		104	73.7	126				
Ethylbenzene	59.42	1.0	50.00		119	80.1	125				
m,p-Xylene	122.3	1.0	100.0		122	80.5	126				
o-Xylene	62.41	1.0	50.00		125	79.9	127				
Toluene	54.42	1.0	50.00		109	76.8	125				
Surr: 4-Bromofluorobenzene	50.97	0	50.00		102	68	127				

Sample ID: **1803F68-002AMS**	Client ID:			Units: **ug/L**	Prep Date: **03/19/2018**	Run No: **365722**
SampleType: **MS**	TestCode: **VOLATILE ORGANICS**	**SW8260B**		BatchID: **257637**	Analysis Date: **03/19/2018**	Seq No: **8086874**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	48.22	1.0	50.00		96.4	66.1	137				
Ethylbenzene	54.40	1.0	50.00		109	74	134				
m,p-Xylene	112.5	1.0	100.0	0.5900	112	73.8	136				
o-Xylene	57.33	1.0	50.00		115	71.6	135				
Toluene	51.94	1.0	50.00		104	63.8	141				
Surr: 4-Bromofluorobenzene	49.05	0	50.00		98.1	68	127				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803E13

ANALYTICAL QC SUMMARY REPORT

BatchID: 257637

Sample ID: **1803F68-002AMSD** Client ID:
SampleType: **MSD** TestCode: **VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **03/19/2018** Run No: **365722**
BatchID: **257637** Analysis Date: **03/19/2018** Seq No: **8086875**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	45.64	1.0	50.00		91.3	66.1	137	48.22	5.50	20	
Ethylbenzene	50.43	1.0	50.00		101	74	134	54.40	7.57	20	
m,p-Xylene	103.7	1.0	100.0	0.5900	103	73.8	136	112.5	8.21	20	
o-Xylene	53.71	1.0	50.00		107	71.6	135	57.33	6.52	20	
Toluene	48.07	1.0	50.00		96.1	63.8	141	51.94	7.74	20	
Surr: 4-Bromofluorobenzene	50.07	0	50.00		100	68	127	49.05	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803E13

ANALYTICAL QC SUMMARY REPORT

BatchID: 257692

Sample ID: **MB-257692**	Client ID:		Units: **mg/L**	Prep Date: **03/20/2018**	Run No: **365857**
SampleType: **MBLK**	TestCode: **Mercury, Total SW7470A**		BatchID: **257692**	Analysis Date: **03/21/2018**	Seq No: **8090333**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.00020									

Sample ID: **LCS-257692**	Client ID:		Units: **mg/L**	Prep Date: **03/20/2018**	Run No: **365857**
SampleType: **LCS**	TestCode: **Mercury, Total SW7470A**		BatchID: **257692**	Analysis Date: **03/21/2018**	Seq No: **8090334**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.003858	0.00020	0.0040		96.5	80	120				

Sample ID: **1803E13-001CMS**	Client ID: **GW-20S**		Units: **mg/L**	Prep Date: **03/20/2018**	Run No: **365857**
SampleType: **MS**	TestCode: **Mercury, Total SW7470A**		BatchID: **257692**	Analysis Date: **03/21/2018**	Seq No: **8090336**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.003874	0.00020	0.0040		96.9	70	130				

Sample ID: **1803E13-002CMS**	Client ID: **GW-20I**		Units: **mg/L**	Prep Date: **03/20/2018**	Run No: **365857**
SampleType: **MS**	TestCode: **Mercury, Total SW7470A**		BatchID: **257692**	Analysis Date: **03/21/2018**	Seq No: **8090341**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.003856	0.00020	0.0040		96.4	70	130				

Sample ID: **1803E13-001CMSD**	Client ID: **GW-20S**		Units: **mg/L**	Prep Date: **03/20/2018**	Run No: **365857**
SampleType: **MSD**	TestCode: **Mercury, Total SW7470A**		BatchID: **257692**	Analysis Date: **03/21/2018**	Seq No: **8090337**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.003867	0.00020	0.0040		96.7	70	130	0.003874	0.180	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803E13

ANALYTICAL QC SUMMARY REPORT

BatchID: R365606

Sample ID: **MB-R365606**	Client ID:					Units: **mg/L**		Prep Date:		Run No: **365606**	
SampleType: **MBLK**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**					BatchID: **R365606**		Analysis Date: **03/14/2018**		Seq No: **8082973**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	BRL	0.010									

Sample ID: **LCS-R365606**	Client ID:					Units: **mg/L**		Prep Date:		Run No: **365606**	
SampleType: **LCS**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**					BatchID: **R365606**		Analysis Date: **03/14/2018**		Seq No: **8082974**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.4870	0.010	0.5000		97.4	90	110				

Sample ID: **1803D53-001JMS**	Client ID:					Units: **mg/L**		Prep Date:		Run No: **365606**	
SampleType: **MS**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**					BatchID: **R365606**		Analysis Date: **03/14/2018**		Seq No: **8082995**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	BRL	0.010	0.5000		0	85	115				S

Sample ID: **1803D53-001JMSD**	Client ID:					Units: **mg/L**		Prep Date:		Run No: **365606**	
SampleType: **MSD**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**					BatchID: **R365606**		Analysis Date: **03/14/2018**		Seq No: **8082999**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	BRL	0.010	0.5000		0	85	115	0	0	30	S

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803E13

ANALYTICAL QC SUMMARY REPORT

BatchID: R365799

Sample ID: **MB-R365799**	Client ID:				Units: **mg/L**	Prep Date:		Run No: **365799**
SampleType: **MBLK**	TestCode: **ION SCAN SW9056A**				BatchID: **R365799**	Analysis Date: **03/16/2018**		Seq No: **8088250**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	BRL	1.0									

Sample ID: **LCS-R365799**	Client ID:				Units: **mg/L**	Prep Date:		Run No: **365799**
SampleType: **LCS**	TestCode: **ION SCAN SW9056A**				BatchID: **R365799**	Analysis Date: **03/16/2018**		Seq No: **8088249**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	10.50	1.0	10.00		105	90	110				

Sample ID: **1803G53-001AMS**	Client ID:				Units: **mg/L**	Prep Date:		Run No: **365799**
SampleType: **MS**	TestCode: **ION SCAN SW9056A**				BatchID: **R365799**	Analysis Date: **03/16/2018**		Seq No: **8088267**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	14.89	1.0	10.00	4.403	105	90	110				

Sample ID: **1803G54-001AMS**	Client ID:				Units: **mg/L**	Prep Date:		Run No: **365799**
SampleType: **MS**	TestCode: **ION SCAN SW9056A**				BatchID: **R365799**	Analysis Date: **03/16/2018**		Seq No: **8088269**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	15.01	1.0	10.00	4.370	106	90	110				

Sample ID: **1803G53-001AMSD**	Client ID:				Units: **mg/L**	Prep Date:		Run No: **365799**
SampleType: **MSD**	TestCode: **ION SCAN SW9056A**				BatchID: **R365799**	Analysis Date: **03/16/2018**		Seq No: **8088268**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	14.54	1.0	10.00	4.403	101	90	110	14.89	2.40	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

March 23, 2018

Felix Nchako
AECOM

1360 Peachtree Street NE Suite 500
Atlanta GA 30309

RE: GDOT - Walker Street

Dear Felix Nchako: Order No: 1803F91

Analytical Environmental Services, Inc. received 6 samples on 3/15/2018 9:30:00 AM
for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES's accreditations are as follows:
-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/17-06/30/18.
State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/17-06/30/18 and Total Coliforms/ E. coli, effective 04/25/17-04/24/20.
-NELAP/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/17-06/30/18.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/19.
These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Ioana Pacurar

Ioana Pacurar

Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3080 Presidential Drive Atlanta, GA 30340-3704
Phone: (770) 457-8177 / Toll-Free: (800) 972-4889 / Fax: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1803F91

Date: 3/13/18 Page 1 of ____

COMPANY:	ADDRESS:
AECom	1360 Peachtree St NE Suite 500 Atlanta GA 30309
PHONE: 678-808-8979	EMAIL: ron.hilliard@aecom.com
SAMPLED BY: R. Hilliard	SIGNATURE:

#	SAMPLE ID	SAMPLED: DATE	SAMPLED: TIME	GRAB	COMPOSITE	MATRIX (see codes)	8270C-SIM	BTEX	RCRA metals	Hex Chromium	Chloride	REMARKS	Number of Containers
	PRESERVATION (see codes)						I	HI	N	I	I		
1	GW-32I	3/13/18	1805	X		GW	X	X	X	X	X		7
2	GW-31I	3/13/18	2059	X		GW	X	X	X	X	X		7
3	GW-31I MS	3/13/18	2059	X		GW	X	X	X	X	X		7
4	GW-31I MSD	3/13/18	2059	X		GW	X	X	X	X	X		7
5	GW-29S	3/14/18	1115	X		GW	X	X	X	X	X		7
6	GW-44I	3/14/18	1343	X		GW	X	X	X	X	X		7
7													
8													
9													
10													
11													
12													
13													
14													

Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.

RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1. R. Hilliard	3/14/18 15:00	1. FedEx 8118 2246 4361 8118 2446 4372	
2.		2. Essencemore	3.15.18 9:30 AM
3.		3.	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT: / / VIA:
IN: / / VIA:
client (FedEx) UPS US mail courier Greyhound
other: _____

PROJECT INFORMATION
PROJECT NAME: GDOT-Walker Street
PROJECT #: 60440866
SITE ADDRESS: 213 West Walker St, Douglas Ga.
SEND REPORT TO: Felix.Nchako@aecom.com
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #:_____ PO#:_____

RECEIPT
Total # of Containers

Turnaround Time (TAT) Request
- [x] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same-Day Rush (auth req.)
- [ ] Other _____

STATE PROGRAM (if any): _____
E-mail? ☐ Fax? ☐
DATA PACKAGE: I ○ II ○ III ○ IV ○

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arangements are made.

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

Preservative Codes: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Client: AECOM
Project: GDOT - Walker Street
Lab ID: 1803F91

Case Narrative

Hexavalent Chromium by SM3500-Cr-B:

Samples GW-32I and GW-31I for Hexavalent Chromium by SM3500-Cr-B analysis were received and analyzed outside of EPA/Method specified holding time of 24 hours. At the request of Ron Hilliard with AECOM via e-mail on 3/14/18 the laboratory proceeded with analysis.

Sample Receiving Non-conformance:

Two Trip Blanks were provided but not listed on the Chain of Custody. Trip blanks analyzed at no cost to the client.

Analytical Environmental Services, Inc **Date:** 23-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-32I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/13/2018 6:05:00 PM
Lab ID:	1803F91-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257749	1	03/20/2018 18:14	JB
Toluene	BRL	1.0		ug/L	257749	1	03/20/2018 18:14	JB
Ethylbenzene	BRL	1.0		ug/L	257749	1	03/20/2018 18:14	JB
m,p-Xylene	BRL	1.0		ug/L	257749	1	03/20/2018 18:14	JB
o-Xylene	BRL	1.0		ug/L	257749	1	03/20/2018 18:14	JB
Surr: 4-Bromofluorobenzene	103	68-127		%REC	257749	1	03/20/2018 18:14	JB
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	BRL	10		ug/L	257526	1	03/16/2018 18:55	YH
2-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 18:55	YH
1-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 18:55	YH
Acenaphthylene	BRL	10		ug/L	257526	1	03/16/2018 18:55	YH
Acenaphthene	BRL	10		ug/L	257526	1	03/16/2018 18:55	YH
Fluorene	BRL	10		ug/L	257526	1	03/16/2018 18:55	YH
Phenanthrene	BRL	10		ug/L	257526	1	03/16/2018 18:55	YH
Anthracene	BRL	10		ug/L	257526	1	03/16/2018 18:55	YH
Fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 18:55	YH
Pyrene	BRL	10		ug/L	257526	1	03/16/2018 18:55	YH
Benz(a)anthracene	BRL	0.050		ug/L	257526	1	03/16/2018 18:55	YH
Chrysene	BRL	0.050		ug/L	257526	1	03/16/2018 18:55	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	257526	1	03/16/2018 18:55	YH
Benzo(k)fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 18:55	YH
Benzo(a)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 18:55	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 18:55	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	257526	1	03/16/2018 18:55	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	257526	1	03/16/2018 18:55	YH
Surr: 4-Terphenyl-d14	68.4	59.9-128		%REC	257526	1	03/16/2018 18:55	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	257766	1	03/21/2018 23:28	AS
ION SCAN SW9056A								
Chloride	7.0	1.0		mg/L	R365889	1	03/21/2018 01:49	MP
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R365607	1	03/15/2018 11:10	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	257450	1	03/20/2018 19:58	IO
Barium	0.0570	0.0200		mg/L	257450	1	03/20/2018 19:58	IO
Cadmium	BRL	0.0050		mg/L	257450	1	03/20/2018 19:58	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-32I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/13/2018 6:05:00 PM
Lab ID:	1803F91-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	257450	1	03/20/2018 19:58	IO
Lead	BRL	0.0100		mg/L	257450	1	03/20/2018 19:58	IO
Selenium	BRL	0.0200		mg/L	257450	1	03/20/2018 19:58	IO
Silver	BRL	0.0100		mg/L	257450	1	03/20/2018 19:58	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-31I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/13/2018 8:59:00 PM
Lab ID:	1803F91-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	2.7	1.0		ug/L	257749	1	03/21/2018 10:45	NP
Toluene	1.3	1.0		ug/L	257749	1	03/21/2018 10:45	NP
Ethylbenzene	3.2	1.0		ug/L	257749	1	03/21/2018 10:45	NP
m,p-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 10:45	NP
o-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 10:45	NP
Surr: 4-Bromofluorobenzene	83.3	68-127		%REC	257749	1	03/21/2018 10:45	NP
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	710	10		ug/L	257526	100	03/19/2018 11:07	YH
2-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 17:39	YH
1-Methylnaphthalene	58	10		ug/L	257526	100	03/19/2018 11:07	YH
Acenaphthylene	BRL	10		ug/L	257526	1	03/16/2018 17:39	YH
Acenaphthene	31	10		ug/L	257526	100	03/19/2018 11:07	YH
Fluorene	28	10		ug/L	257526	100	03/19/2018 11:07	YH
Phenanthrene	27	10		ug/L	257526	100	03/19/2018 11:07	YH
Anthracene	BRL	10		ug/L	257526	1	03/16/2018 17:39	YH
Fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 17:39	YH
Pyrene	BRL	10		ug/L	257526	1	03/16/2018 17:39	YH
Benz(a)anthracene	BRL	0.050		ug/L	257526	1	03/16/2018 17:39	YH
Chrysene	BRL	0.050		ug/L	257526	1	03/16/2018 17:39	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	257526	1	03/16/2018 17:39	YH
Benzo(k)fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 17:39	YH
Benzo(a)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 17:39	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 17:39	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	257526	1	03/16/2018 17:39	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	257526	1	03/16/2018 17:39	YH
Surr: 4-Terphenyl-d14	91.6	59.9-128		%REC	257526	1	03/16/2018 17:39	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	257766	1	03/21/2018 22:57	AS
ION SCAN SW9056A								
Chloride	5.1	1.0		mg/L	R365889	1	03/21/2018 02:19	MP
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R365607	1	03/15/2018 11:10	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	257565	1	03/22/2018 21:23	IO
Barium	0.148	0.0200		mg/L	257565	1	03/22/2018 21:23	IO
Cadmium	BRL	0.0050		mg/L	257565	1	03/22/2018 21:23	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-31I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/13/2018 8:59:00 PM
Lab ID:	1803F91-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3010A)								
Chromium	BRL	0.0100		mg/L	257565	1	03/22/2018 21:23	IO
Lead	BRL	0.0100		mg/L	257565	1	03/22/2018 21:23	IO
Selenium	BRL	0.0200		mg/L	257565	1	03/22/2018 21:23	IO
Silver	BRL	0.0100		mg/L	257565	1	03/22/2018 21:23	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-29S
Project Name:	GDOT - Walker Street	**Collection Date:**	3/14/2018 11:15:00 AM
Lab ID:	1803F91-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	19	1.0		ug/L	257749	1	03/20/2018 19:02	JB
Toluene	2.0	1.0		ug/L	257749	1	03/20/2018 19:02	JB
Ethylbenzene	11	1.0		ug/L	257749	1	03/20/2018 19:02	JB
m,p-Xylene	12	1.0		ug/L	257749	1	03/20/2018 19:02	JB
o-Xylene	12	1.0		ug/L	257749	1	03/20/2018 19:02	JB
Surr: 4-Bromofluorobenzene	101	68-127		%REC	257749	1	03/20/2018 19:02	JB
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	790	50		ug/L	257526	100	03/19/2018 12:26	YH
2-Methylnaphthalene	19	10		ug/L	257526	100	03/19/2018 12:26	YH
1-Methylnaphthalene	72	50		ug/L	257526	100	03/19/2018 12:26	YH
Acenaphthylene	BRL	10		ug/L	257526	1	03/16/2018 19:20	YH
Acenaphthene	76	50		ug/L	257526	100	03/19/2018 12:26	YH
Fluorene	19	10		ug/L	257526	100	03/19/2018 12:26	YH
Phenanthrene	28	5.0		ug/L	257526	100	03/19/2018 12:26	YH
Anthracene	BRL	10		ug/L	257526	1	03/16/2018 19:20	YH
Fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 19:20	YH
Pyrene	BRL	10		ug/L	257526	1	03/16/2018 19:20	YH
Benz(a)anthracene	0.40	0.050		ug/L	257526	1	03/16/2018 19:20	YH
Chrysene	0.43	0.050		ug/L	257526	1	03/16/2018 19:20	YH
Benzo(b)fluoranthene	0.30	0.10		ug/L	257526	1	03/16/2018 19:20	YH
Benzo(k)fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 19:20	YH
Benzo(a)pyrene	0.13	0.050		ug/L	257526	1	03/16/2018 19:20	YH
Indeno(1,2,3-cd)pyrene	0.079	0.050		ug/L	257526	1	03/16/2018 19:20	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	257526	1	03/16/2018 19:20	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	257526	1	03/16/2018 19:20	YH
Surr: 4-Terphenyl-d14	57.5	59.9-128	S	%REC	257526	1	03/16/2018 19:20	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	0.00030	0.00020		mg/L	257766	1	03/21/2018 23:32	AS
ION SCAN SW9056A								
Chloride	7.9	1.0		mg/L	R365889	1	03/21/2018 02:49	MP
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	0.013	0.010		mg/L	R365607	1	03/15/2018 11:10	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	257450	1	03/20/2018 20:08	IO
Barium	0.505	0.0200		mg/L	257450	1	03/20/2018 20:08	IO
Cadmium	BRL	0.0050		mg/L	257450	1	03/20/2018 20:08	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-29S
Project Name:	GDOT - Walker Street	**Collection Date:**	3/14/2018 11:15:00 AM
Lab ID:	1803F91-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3010A)								
Chromium	0.0294	0.0100		mg/L	257450	1	03/20/2018 20:08	IO
Lead	0.240	0.0100		mg/L	257450	1	03/20/2018 20:08	IO
Selenium	BRL	0.0200		mg/L	257450	1	03/20/2018 20:08	IO
Silver	BRL	0.0100		mg/L	257450	1	03/20/2018 20:08	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-44I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/14/2018 1:43:00 PM
Lab ID:	1803F91-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257749	1	03/20/2018 18:38	JB
Toluene	2.8	1.0		ug/L	257749	1	03/20/2018 18:38	JB
Ethylbenzene	4.4	1.0		ug/L	257749	1	03/20/2018 18:38	JB
m,p-Xylene	13	1.0		ug/L	257749	1	03/20/2018 18:38	JB
o-Xylene	5.3	1.0		ug/L	257749	1	03/20/2018 18:38	JB
Surr: 4-Bromofluorobenzene	96.1	68-127		%REC	257749	1	03/20/2018 18:38	JB
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	3300	500		ug/L	257526	1000	03/19/2018 14:37	YH
2-Methylnaphthalene	680	50		ug/L	257526	100	03/19/2018 12:52	YH
1-Methylnaphthalene	350	50		ug/L	257526	100	03/19/2018 12:52	YH
Acenaphthylene	BRL	10		ug/L	257526	1	03/16/2018 19:46	YH
Acenaphthene	320	50		ug/L	257526	100	03/19/2018 12:52	YH
Fluorene	180	10		ug/L	257526	100	03/19/2018 12:52	YH
Phenanthrene	130	5.0		ug/L	257526	100	03/19/2018 12:52	YH
Anthracene	BRL	10		ug/L	257526	1	03/16/2018 19:46	YH
Fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 19:46	YH
Pyrene	BRL	10		ug/L	257526	1	03/16/2018 19:46	YH
Benz(a)anthracene	0.13	0.050		ug/L	257526	1	03/16/2018 19:46	YH
Chrysene	0.14	0.050		ug/L	257526	1	03/16/2018 19:46	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	257526	1	03/16/2018 19:46	YH
Benzo(k)fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 19:46	YH
Benzo(a)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 19:46	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 19:46	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	257526	1	03/16/2018 19:46	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	257526	1	03/16/2018 19:46	YH
Surr: 4-Terphenyl-d14	98.1	59.9-128		%REC	257526	1	03/16/2018 19:46	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	257766	1	03/21/2018 23:36	AS
ION SCAN SW9056A								
Chloride	3.3	1.0		mg/L	R365889	1	03/21/2018 03:19	MP
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010		mg/L	R365607	1	03/15/2018 11:10	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	257450	1	03/20/2018 20:12	IO
Barium	0.0575	0.0200		mg/L	257450	1	03/20/2018 20:12	IO
Cadmium	BRL	0.0050		mg/L	257450	1	03/20/2018 20:12	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-44I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/14/2018 1:43:00 PM
Lab ID:	1803F91-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	257450	1	03/20/2018 20:12	IO
Lead	0.0728	0.0100		mg/L	257450	1	03/20/2018 20:12	IO
Selenium	BRL	0.0200		mg/L	257450	1	03/20/2018 20:12	IO
Silver	BRL	0.0100		mg/L	257450	1	03/20/2018 20:12	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-18

Client:	AECOM	**Client Sample ID:**	TRIP BLANK #1
Project Name:	GDOT - Walker Street	**Collection Date:**	3/15/2018
Lab ID:	1803F91-005	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257749	1	03/21/2018 14:46	OM
Toluene	BRL	1.0		ug/L	257749	1	03/21/2018 14:46	OM
Ethylbenzene	BRL	1.0		ug/L	257749	1	03/21/2018 14:46	OM
m,p-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 14:46	OM
o-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 14:46	OM
Surr: 4-Bromofluorobenzene	98	68-127		%REC	257749	1	03/21/2018 14:46	OM

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 23-Mar-18

Client:	AECOM	**Client Sample ID:**	TRIP BLANK #2
Project Name:	GDOT - Walker Street	**Collection Date:**	3/15/2018
Lab ID:	1803F91-006	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257749	1	03/21/2018 15:12	OM
Toluene	BRL	1.0		ug/L	257749	1	03/21/2018 15:12	OM
Ethylbenzene	BRL	1.0		ug/L	257749	1	03/21/2018 15:12	OM
m,p-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 15:12	OM
o-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 15:12	OM
Surr: 4-Bromofluorobenzene	98	68-127		%REC	257749	1	03/21/2018 15:12	OM

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 23-Mar-18

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: GW-32I				**Lab ID:** 1803F91-001			
Collection Date: 3/13/2018 6:05:00 PM				**Matrix:** Groundwater			
ION SCAN SW9056A							
Chloride	7.0		0.17	1.0	mg/L	R365889	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0570		0.00310	0.0200	mg/L	257450	1
Client Sample ID: GW-31I				**Lab ID:** 1803F91-002			
Collection Date: 3/13/2018 8:59:00 PM				**Matrix:** Groundwater			
VOLATILE ORGANICS SW8260B				**(SW5030B)**			
Benzene	2.7		0.17	1.0	ug/L	257749	1
Toluene	1.3		0.15	1.0	ug/L	257749	1
Ethylbenzene	3.2		0.19	1.0	ug/L	257749	1
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	710		0.72	10	ug/L	257526	100
1-Methylnaphthalene	58		0.60	10	ug/L	257526	100
Acenaphthene	31		1.7	10	ug/L	257526	100
Fluorene	28		1.9	10	ug/L	257526	100
Phenanthrene	27		2.2	10	ug/L	257526	100
ION SCAN SW9056A							
Chloride	5.1		0.17	1.0	mg/L	R365889	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.148		0.00310	0.0200	mg/L	257565	1
Client Sample ID: GW-29S				**Lab ID:** 1803F91-003			
Collection Date: 3/14/2018 11:15:00 AM				**Matrix:** Groundwater			
VOLATILE ORGANICS SW8260B				**(SW5030B)**			
Benzene	19		0.17	1.0	ug/L	257749	1
Toluene	2.0		0.15	1.0	ug/L	257749	1
Ethylbenzene	11		0.19	1.0	ug/L	257749	1
m,p-Xylene	12		0.31	1.0	ug/L	257749	1
o-Xylene	12		0.30	1.0	ug/L	257749	1
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	790		0.72	50	ug/L	257526	100
2-Methylnaphthalene	19		0.57	10	ug/L	257526	100
1-Methylnaphthalene	72		0.60	50	ug/L	257526	100
Acenaphthene	76		1.7	50	ug/L	257526	100
Fluorene	19		1.9	10	ug/L	257526	100
Phenanthrene	28		2.2	5.0	ug/L	257526	100
Benz(a)anthracene	0.40		0.018	0.050	ug/L	257526	1
Chrysene	0.43		0.017	0.050	ug/L	257526	1
Benzo(b)fluoranthene	0.30		0.020	0.10	ug/L	257526	1
Benzo(a)pyrene	0.13		0.022	0.050	ug/L	257526	1
Indeno(1,2,3-cd)pyrene	0.079		0.012	0.050	ug/L	257526	1
Mercury, Total SW7470A				**(SW7470A)**			
Mercury	0.00030		0.000060	0.00020	mg/L	257766	1
ION SCAN SW9056A							
Chloride	7.9		0.17	1.0	mg/L	R365889	1

Analytical Environmental Services, Inc

Date: 23-Mar-18

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: GW-29S				**Lab ID:** 1803F91-003			
Collection Date: 3/14/2018 11:15:00 AM				**Matrix:** Groundwater			
Hexavalent Chromium by SM3500-Cr-B							
Chromium, Hexavalent	0.013		0.00470	0.010	mg/L	R365607	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.505		0.00310	0.0200	mg/L	257450	1
Chromium	0.0294		0.00250	0.0100	mg/L	257450	1
Lead	0.240		0.00280	0.0100	mg/L	257450	1
Client Sample ID: GW-44I				**Lab ID:** 1803F91-004			
Collection Date: 3/14/2018 1:43:00 PM				**Matrix:** Groundwater			
VOLATILE ORGANICS SW8260B				**(SW5030B)**			
Toluene	2.8		0.15	1.0	ug/L	257749	1
Ethylbenzene	4.4		0.19	1.0	ug/L	257749	1
m,p-Xylene	13		0.31	1.0	ug/L	257749	1
o-Xylene	5.3		0.30	1.0	ug/L	257749	1
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	3300		7.2	500	ug/L	257526	1000
2-Methylnaphthalene	680		0.57	50	ug/L	257526	100
1-Methylnaphthalene	350		0.60	50	ug/L	257526	100
Acenaphthene	320		1.7	50	ug/L	257526	100
Fluorene	180		1.9	10	ug/L	257526	100
Phenanthrene	130		2.2	5.0	ug/L	257526	100
Benz(a)anthracene	0.13		0.018	0.050	ug/L	257526	1
Chrysene	0.14		0.017	0.050	ug/L	257526	1
ION SCAN SW9056A							
Chloride	3.3		0.17	1.0	mg/L	R365889	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0575		0.00310	0.0200	mg/L	257450	1
Lead	0.0728		0.00280	0.0100	mg/L	257450	1

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Clear | Save as

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: **AECOM** AES Work Order Number: **1803E13**

2. Carrier: FedEx ■ UPS ☐ USPS ☐ Client ☐ Courier ☐ Other _____

		Yes	No	N/A	Details	Comments
3.	Shipping container/cooler received in good condition?	○	○	○	damaged ☐ leaking ☐ other ☐	
4.	Custody seals present on shipping container?	○	○	○		
5.	Custody seals intact on shipping container?	○	○	○		
6.	Temperature blanks present?	○	○	○		
7.	Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	○	○	○	Cooling initiated for recently collected samples / ice present ☐	
8.	Chain of Custody (COC) present?	○	○	○		
9.	Chain of Custody signed, dated, and timed when relinquished and received?	○	○	○		
10.	Sampler name and/or signature on COC?	○	○	○		
11.	Were all samples received within holding time?	○	○	○		
12.	TAT marked on the COC?	○	○	○	If no TAT indicated, proceeded with standard TAT per Terms & Conditions. ☐	

13. Cooler 1 Temperature 0.9 °C Cooler 2 Temperature 0.4 °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C

14. Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). KR 3/14/18

		Yes	No	N/A	Details	Comments
16.	Were sample containers intact upon receipt?	○	○	○		
17.	Custody seals present on sample containers?	○	○	○		
18.	Custody seals intact on sample containers?	○	○	○		
19.	Do sample container labels match the COC?	○	○	○	incomplete info ■ illegible ☐ no label ☐ other ☐	
20.	Are analyses requested indicated on the COC?	○	○	○		
21.	Were all of the samples listed on the COC received?	○	○	○	samples received but not listed on COC ☐ samples listed on COC not received ☐	
22.	Was the sample collection date/time noted?	○	○	○		
23.	Did we receive sufficient sample volume for indicated analyses?	○	○	○		
24.	Were samples received in appropriate containers?	○	○	○		
25.	Were VOA samples received without headspace (< 1/4" bubble)?	○	○	○		
26.	Were trip blanks submitted?	○	○	○	listed on COC ■ not listed on COC ☐	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). KR 3/14/18

This section only applies to samples where pH can be checked at Sample Receipt.

		Yes	No	N/A	Details	Comments
28.	Have containers needing chemical preservation been checked? *	○	○	○		
29.	Containers meet preservation guidelines?	○	○	○		
30.	Was pH adjusted at Sample Receipt?	○	○	○		

* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH.

I certify that I have completed sections 28-30 (dated initials). KR 3/14/18

Locked

Analytical Environmental Services, Inc

Date: 23-Mar-18

Client: AECOM
Project Name: GDOT - Walker Street
Lab Order: 1803F91

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1803F91-001A	GW-32I	3/13/2018 6:05:00PM	Groundwater	VOLATILE ORGANICS: BTEX		3/20/2018 8:10:00AM	03/20/2018
1803F91-001B	GW-32I	3/13/2018 6:05:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/16/2018
1803F91-001C	GW-32I	3/13/2018 6:05:00PM	Groundwater	TOTAL METALS BY ICP		3/16/2018 10:55:00AM	03/20/2018
1803F91-001C	GW-32I	3/13/2018 6:05:00PM	Groundwater	TOTAL MERCURY		3/21/2018 6:11:00PM	03/21/2018
1803F91-001D	GW-32I	3/13/2018 6:05:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			03/15/2018
1803F91-001E	GW-32I	3/13/2018 6:05:00PM	Groundwater	ION SCAN			03/21/2018
1803F91-002A	GW-31I	3/13/2018 8:59:00PM	Groundwater	VOLATILE ORGANICS: BTEX		3/20/2018 8:10:00AM	03/21/2018
1803F91-002B	GW-31I	3/13/2018 8:59:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/16/2018
1803F91-002B	GW-31I	3/13/2018 8:59:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/19/2018
1803F91-002C	GW-31I	3/13/2018 8:59:00PM	Groundwater	TOTAL METALS BY ICP		3/20/2018 11:49:00AM	03/22/2018
1803F91-002C	GW-31I	3/13/2018 8:59:00PM	Groundwater	TOTAL MERCURY		3/21/2018 6:11:00PM	03/21/2018
1803F91-002D	GW-31I	3/13/2018 8:59:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			03/15/2018
1803F91-002E	GW-31I	3/13/2018 8:59:00PM	Groundwater	ION SCAN			03/21/2018
1803F91-003A	GW-29S	3/14/2018 11:15:00AM	Groundwater	VOLATILE ORGANICS: BTEX		3/20/2018 8:10:00AM	03/20/2018
1803F91-003B	GW-29S	3/14/2018 11:15:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/16/2018
1803F91-003B	GW-29S	3/14/2018 11:15:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/19/2018
1803F91-003C	GW-29S	3/14/2018 11:15:00AM	Groundwater	TOTAL METALS BY ICP		3/16/2018 10:55:00AM	03/20/2018
1803F91-003C	GW-29S	3/14/2018 11:15:00AM	Groundwater	TOTAL MERCURY		3/21/2018 6:11:00PM	03/21/2018
1803F91-003D	GW-29S	3/14/2018 11:15:00AM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			03/15/2018
1803F91-003E	GW-29S	3/14/2018 11:15:00AM	Groundwater	ION SCAN			03/21/2018
1803F91-004A	GW-44I	3/14/2018 1:43:00PM	Groundwater	VOLATILE ORGANICS: BTEX		3/20/2018 8:10:00AM	03/20/2018
1803F91-004B	GW-44I	3/14/2018 1:43:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/16/2018
1803F91-004B	GW-44I	3/14/2018 1:43:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/19/2018
1803F91-004C	GW-44I	3/14/2018 1:43:00PM	Groundwater	TOTAL METALS BY ICP		3/16/2018 10:55:00AM	03/20/2018
1803F91-004C	GW-44I	3/14/2018 1:43:00PM	Groundwater	TOTAL MERCURY		3/21/2018 6:11:00PM	03/21/2018
1803F91-004D	GW-44I	3/14/2018 1:43:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			03/15/2018
1803F91-004E	GW-44I	3/14/2018 1:43:00PM	Groundwater	ION SCAN			03/21/2018
1803F91-005A	TRIP BLANK #1	3/15/2018 12:00:00AM	Aqueous	VOLATILE ORGANICS: BTEX		3/20/2018 8:10:00AM	03/21/2018
1803F91-006A	TRIP BLANK #2	3/15/2018 12:00:00AM	Aqueous	VOLATILE ORGANICS: BTEX		3/20/2018 8:10:00AM	03/21/2018

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803F91

ANALYTICAL QC SUMMARY REPORT

BatchID: 257450

Sample ID: **MB-257450** Client ID: Units: **mg/L** Prep Date: **03/15/2018** Run No: **365519**
SampleType: **MBLK** TestCode: **METALS, TOTAL SW6010D** BatchID: **257450** Analysis Date: **03/15/2018** Seq No: **8081422**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	0.0500									
Barium	BRL	0.0200									
Cadmium	BRL	0.0050									
Chromium	BRL	0.0100									
Lead	BRL	0.0100									
Selenium	BRL	0.0200									
Silver	BRL	0.0100									

Sample ID: **LCS-257450** Client ID: Units: **mg/L** Prep Date: **03/15/2018** Run No: **365519**
SampleType: **LCS** TestCode: **METALS, TOTAL SW6010D** BatchID: **257450** Analysis Date: **03/15/2018** Seq No: **8081423**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.9005	0.0500	1.000		90.0	80	120				
Barium	0.9313	0.0200	1.000		93.1	80	120				
Cadmium	0.9382	0.0050	1.000		93.8	80	120				
Chromium	0.9316	0.0100	1.000		93.2	80	120				
Lead	0.9392	0.0100	1.000		93.9	80	120				
Selenium	0.9276	0.0200	1.000		92.8	80	120				
Silver	0.09418	0.0100	0.1000		94.2	80	120				

Sample ID: **1803E13-001CMS** Client ID: Units: **mg/L** Prep Date: **03/15/2018** Run No: **365519**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010D** BatchID: **257450** Analysis Date: **03/15/2018** Seq No: **8081427**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.8979	0.0500	1.000		89.8	75	125				
Barium	1.066	0.0200	1.000	0.1496	91.7	75	125				
Cadmium	0.9303	0.0050	1.000		93.0	75	125				
Chromium	0.9326	0.0100	1.000		93.3	75	125				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803F91

ANALYTICAL QC SUMMARY REPORT

BatchID: 257450

Sample ID: **1803E13-001CMS** Client ID: Units: **mg/L** Prep Date: **03/15/2018** Run No: **365519**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010D** BatchID: **257450** Analysis Date: **03/15/2018** Seq No: **8081427**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	0.9185	0.0100	1.000		91.8	75	125				
Selenium	0.9325	0.0200	1.000		93.3	75	125				
Silver	0.09289	0.0100	0.1000		92.9	75	125				

Sample ID: **1803E13-001CMSD** Client ID: Units: **mg/L** Prep Date: **03/15/2018** Run No: **365519**
SampleType: **MSD** TestCode: **METALS, TOTAL SW6010D** BatchID: **257450** Analysis Date: **03/15/2018** Seq No: **8081428**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.9023	0.0500	1.000		90.2	75	125	0.8979	0.489	20	
Barium	1.069	0.0200	1.000	0.1496	91.9	75	125	1.066	0.249	20	
Cadmium	0.9299	0.0050	1.000		93.0	75	125	0.9303	0.044	20	
Chromium	0.9335	0.0100	1.000		93.4	75	125	0.9326	0.100	20	
Lead	0.9213	0.0100	1.000		92.1	75	125	0.9185	0.307	20	
Selenium	0.9326	0.0200	1.000		93.3	75	125	0.9325	0.007	20	
Silver	0.09262	0.0100	0.1000		92.6	75	125	0.09289	0.298	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803F91

ANALYTICAL QC SUMMARY REPORT

BatchID: 257526

Sample ID: **MB-257526** Client ID: Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
SampleType: **MBLK** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085360**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	BRL	0.50									
2-Methylnaphthalene	BRL	0.50									
Acenaphthene	BRL	0.50									
Acenaphthylene	BRL	1.0									
Anthracene	BRL	0.050									
Benz(a)anthracene	BRL	0.050									
Benzo(a)pyrene	BRL	0.050									
Benzo(b)fluoranthene	BRL	0.10									
Benzo(g,h,i)perylene	BRL	0.10									
Benzo(k)fluoranthene	BRL	0.050									
Chrysene	BRL	0.050									
Dibenz(a,h)anthracene	BRL	0.10									
Fluoranthene	BRL	0.10									
Fluorene	BRL	0.10									
Indeno(1,2,3-cd)pyrene	BRL	0.050									
Naphthalene	BRL	0.50									
Phenanthrene	BRL	0.050									
Pyrene	BRL	0.050									
Surr: 4-Terphenyl-d14	2.071	0	2.000		104	59.9	128				

Sample ID: **LCS-257526** Client ID: Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
SampleType: **LCS** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085361**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	1.615	0.50	2.000		80.8	60.4	120				
2-Methylnaphthalene	1.597	0.50	2.000		79.9	58.4	120				
Acenaphthene	1.748	0.50	2.000		87.4	64.7	120				
Acenaphthylene	1.756	1.0	2.000		87.8	63.2	120				

Qualifiers:
> Greater than Result value
< Less than Result value
B Analyte detected in the associated method blank
BRL Below reporting limit
E Estimated (value above quantitation range)
H Holding times for preparation or analysis exceeded
J Estimated value detected below Reporting Limit
N Analyte not NELAC certified
R RPD outside limits due to matrix
Rpt Lim Reporting Limit
S Spike Recovery outside limits due to matrix

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803F91

ANALYTICAL QC SUMMARY REPORT

BatchID: 257526

Sample ID: **LCS-257526** Client ID: Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
SampleType: **LCS** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085361**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	1.734	0.050	2.000		86.7	69.3	125				
Benz(a)anthracene	1.891	0.050	2.000		94.6	71.1	141				
Benzo(a)pyrene	1.756	0.050	2.000		87.8	67.2	131				
Benzo(b)fluoranthene	1.753	0.10	2.000		87.7	66.1	134				
Benzo(g,h,i)perylene	1.545	0.10	2.000		77.2	66.1	128				
Benzo(k)fluoranthene	1.815	0.050	2.000		90.7	67.7	133				
Chrysene	2.036	0.050	2.000		102	71.3	137				
Dibenz(a,h)anthracene	1.418	0.10	2.000		70.9	59.7	125				
Fluoranthene	1.794	0.10	2.000		89.7	72.3	129				
Fluorene	1.706	0.10	2.000		85.3	69.2	120				
Indeno(1,2,3-cd)pyrene	1.556	0.050	2.000		77.8	66.4	127				
Naphthalene	1.684	0.50	2.000		84.2	56.8	120				
Phenanthrene	1.619	0.050	2.000		80.9	70.9	120				
Pyrene	2.041	0.050	2.000		102	68.4	138				
Surr: 4-Terphenyl-d14	2.116	0	2.000		106	59.9	128				

Sample ID: **1803F91-002BMS** Client ID: **GW-31I** Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
SampleType: **MS** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085363**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Methylnaphthalene	3.791	0.50	2.000	1.801	99.5	57.8	120				
Acenaphthylene	2.895	1.0	2.000	0.8887	100	63.9	120				
Anthracene	2.186	0.050	2.000	0.3823	90.2	65.3	120				
Benz(a)anthracene	2.005	0.050	2.000		100	76.7	124				
Benzo(a)pyrene	1.773	0.050	2.000		88.6	58.5	120				
Benzo(b)fluoranthene	1.852	0.10	2.000		92.6	52.6	121				
Benzo(g,h,i)perylene	1.311	0.10	2.000		65.6	44.2	120				
Benzo(k)fluoranthene	1.819	0.050	2.000		90.9	59	120				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803F91

ANALYTICAL QC SUMMARY REPORT

BatchID: 257526

Sample ID: **1803F91-002BMS**	Client ID: **GW-31I**			Units: **ug/L**	Prep Date: **03/16/2018**	Run No: **365586**
SampleType: **MS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**			BatchID: **257526**	Analysis Date: **03/16/2018**	Seq No: **8085363**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chrysene	2.007	0.050	2.000		100	65	122				
Dibenz(a,h)anthracene	1.171	0.10	2.000		58.5	38.2	120				
Fluoranthene	4.219	0.10	2.000	2.187	102	71.7	118				
Indeno(1,2,3-cd)pyrene	1.357	0.050	2.000		67.8	46.6	120				
Pyrene	2.686	0.050	2.000	0.4772	110	69	121				
Surr: 4-Terphenyl-d14	2.154	0	2.000		108	59.9	128				

Sample ID: **1803F91-002BMS**	Client ID: **GW-31I**			Units: **ug/L**	Prep Date: **03/16/2018**	Run No: **365719**
SampleType: **MS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**			BatchID: **257526**	Analysis Date: **03/19/2018**	Seq No: **8086773**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	61.60	50	2.000	57.94	183	60.2	120				S
Acenaphthene	BRL	50	2.000	31.29	114	61.4	120				
Fluorene	29.26	10	2.000	27.81	72.6	65.6	120				
Naphthalene	719.8	50	2.000	706.6	658	57.3	120				S
Phenanthrene	26.29	5.0	2.000	27.14	-42.6	65.6	120				S

Sample ID: **1803F91-002BMSD**	Client ID: **GW-31I**			Units: **ug/L**	Prep Date: **03/16/2018**	Run No: **365586**
SampleType: **MSD**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**			BatchID: **257526**	Analysis Date: **03/16/2018**	Seq No: **8085364**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Methylnaphthalene	3.718	0.50	2.000	1.801	95.8	57.8	120	3.791	1.96	26.4	
Acenaphthylene	2.741	1.0	2.000	0.8887	92.6	63.9	120	2.895	5.48	27.9	
Anthracene	2.126	0.050	2.000	0.3823	87.2	65.3	120	2.186	2.80	26.3	
Benz(a)anthracene	1.921	0.050	2.000		96.1	76.7	124	2.005	4.28	25	
Benzo(a)pyrene	1.724	0.050	2.000		86.2	58.5	120	1.773	2.82	23.5	
Benzo(b)fluoranthene	1.774	0.10	2.000		88.7	52.6	121	1.852	4.35	24	
Benzo(g,h,i)perylene	1.326	0.10	2.000		66.3	44.2	120	1.311	1.11	32.1	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803F91

ANALYTICAL QC SUMMARY REPORT

BatchID: 257526

Sample ID: **1803F91-002BMSD** Client ID: **GW-31I** Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
SampleType: **MSD** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085364**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	1.776	0.050	2.000		88.8	59	120	1.819	2.39	19.6	
Chrysene	1.922	0.050	2.000		96.1	65	122	2.007	4.32	23	
Dibenz(a,h)anthracene	1.200	0.10	2.000		60.0	38.2	120	1.171	2.45	31.7	
Fluoranthene	4.121	0.10	2.000	2.187	96.7	71.7	118	4.219	2.34	23	
Indeno(1,2,3-cd)pyrene	1.344	0.050	2.000		67.2	46.6	120	1.357	0.928	32.4	
Pyrene	2.586	0.050	2.000	0.4772	105	69	121	2.686	3.78	23.8	
Surr: 4-Terphenyl-d14	1.989	0	2.000		99.4	59.9	128	2.154	0	0	

Sample ID: **1803F91-002BMSD** Client ID: **GW-31I** Units: **ug/L** Prep Date: **03/16/2018** Run No: **365719**
SampleType: **MSD** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/19/2018** Seq No: **8086774**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	58.05	50	2.000	57.94	5.45	60.2	120	61.60	5.92	24.9	S
Acenaphthene	BRL	50	2.000	31.29	76.0	61.4	120	33.56	0	24.4	
Fluorene	28.12	10	2.000	27.81	15.2	65.6	120	29.26	4.00	25	S
Naphthalene	681.6	50	2.000	706.6	-1250	57.3	120	719.8	5.45	27.2	S
Phenanthrene	25.35	5.0	2.000	27.14	-89.6	65.6	120	26.29	3.64	23.5	S

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803F91

ANALYTICAL QC SUMMARY REPORT

BatchID: 257565

Sample ID: **MB-257565** Client ID: Units: **mg/L** Prep Date: **03/20/2018** Run No: **366080**
SampleType: **MBLK** TestCode: **METALS, TOTAL SW6010D** BatchID: **257565** Analysis Date: **03/21/2018** Seq No: **8096330**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	0.0500									
Barium	BRL	0.0200									
Cadmium	BRL	0.0050									
Chromium	BRL	0.0100									
Lead	BRL	0.0100									
Selenium	BRL	0.0200									
Silver	BRL	0.0100									

Sample ID: **LCS-257565** Client ID: Units: **mg/L** Prep Date: **03/20/2018** Run No: **366080**
SampleType: **LCS** TestCode: **METALS, TOTAL SW6010D** BatchID: **257565** Analysis Date: **03/21/2018** Seq No: **8096331**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.018	0.0500	1.000		102	80	120				
Barium	0.9623	0.0200	1.000		96.2	80	120				
Cadmium	0.9129	0.0050	1.000		91.3	80	120				
Chromium	0.9982	0.0100	1.000		99.8	80	120				
Lead	1.026	0.0100	1.000		103	80	120				
Selenium	0.9984	0.0200	1.000		99.8	80	120				
Silver	0.08996	0.0100	0.1000		90.0	80	120				

Sample ID: **1803F91-002CMS** Client ID: **GW-31I** Units: **mg/L** Prep Date: **03/20/2018** Run No: **366080**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010D** BatchID: **257565** Analysis Date: **03/21/2018** Seq No: **8096334**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.048	0.0500	1.000		105	75	125				
Barium	1.170	0.0200	1.000	0.1485	102	75	125				
Cadmium	0.9474	0.0050	1.000		94.7	75	125				
Chromium	1.040	0.0100	1.000		104	75	125				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803F91

ANALYTICAL QC SUMMARY REPORT

BatchID: 257565

Sample ID: **1803F91-002CMS** Client ID: **GW-31I** Units: **mg/L** Prep Date: **03/20/2018** Run No: **366080**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010D** BatchID: **257565** Analysis Date: **03/21/2018** Seq No: **8096334**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	1.074	0.0100	1.000	0.007790	107	75	125				
Selenium	1.014	0.0200	1.000	0.01107	100	75	125				
Silver	0.09172	0.0100	0.1000		91.7	75	125				

Sample ID: **1803F91-002CMSD** Client ID: **GW-31I** Units: **mg/L** Prep Date: **03/20/2018** Run No: **366080**
SampleType: **MSD** TestCode: **METALS, TOTAL SW6010D** BatchID: **257565** Analysis Date: **03/21/2018** Seq No: **8096343**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.9366	0.0500	1.000		93.7	75	125	1.048	11.3	20	
Barium	1.063	0.0200	1.000	0.1485	91.5	75	125	1.170	9.52	20	
Cadmium	0.8477	0.0050	1.000		84.8	75	125	0.9474	11.1	20	
Chromium	0.9334	0.0100	1.000		93.3	75	125	1.040	10.8	20	
Lead	0.9662	0.0100	1.000	0.007790	95.8	75	125	1.074	10.6	20	
Selenium	0.9158	0.0200	1.000	0.01107	90.5	75	125	1.014	10.2	20	
Silver	0.08186	0.0100	0.1000		81.9	75	125	0.09172	11.4	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803F91

ANALYTICAL QC SUMMARY REPORT

BatchID: 257749

Sample ID: **MB-257749** Client ID: Units: **ug/L** Prep Date: **03/20/2018** Run No: **365787**
SampleType: **MBLK** TestCode: **VOLATILE ORGANICS SW8260B** BatchID: **257749** Analysis Date: **03/20/2018** Seq No: **8088159**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	1.0									
Ethylbenzene	BRL	1.0									
m,p-Xylene	BRL	1.0									
o-Xylene	BRL	1.0									
Toluene	BRL	1.0									
Surr: 4-Bromofluorobenzene	51.47	0	50.00		103	68	127				

Sample ID: **LCS-257749** Client ID: Units: **ug/L** Prep Date: **03/20/2018** Run No: **365787**
SampleType: **LCS** TestCode: **VOLATILE ORGANICS SW8260B** BatchID: **257749** Analysis Date: **03/20/2018** Seq No: **8088158**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	48.34	1.0	50.00		96.7	73.7	126				
Ethylbenzene	50.40	1.0	50.00		101	80.1	125				
m,p-Xylene	102.8	1.0	100.0		103	80.5	126				
o-Xylene	51.06	1.0	50.00		102	79.9	127				
Toluene	49.15	1.0	50.00		98.3	76.8	125				
Surr: 4-Bromofluorobenzene	52.57	0	50.00		105	68	127				

Sample ID: **1803F91-002AMS** Client ID: **GW-31I** Units: **ug/L** Prep Date: **03/20/2018** Run No: **365787**
SampleType: **MS** TestCode: **VOLATILE ORGANICS SW8260B** BatchID: **257749** Analysis Date: **03/20/2018** Seq No: **8090303**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	49.97	1.0	50.00	3.060	93.8	66.1	137				
Ethylbenzene	52.72	1.0	50.00	4.010	97.4	74	134				
m,p-Xylene	98.19	1.0	100.0	5.310	92.9	73.8	136				
o-Xylene	49.70	1.0	50.00	1.270	96.9	71.6	135				
Toluene	48.72	1.0	50.00	1.320	94.8	63.8	141				
Surr: 4-Bromofluorobenzene	51.70	0	50.00		103	68	127				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803F91

ANALYTICAL QC SUMMARY REPORT

BatchID: 257749

Sample ID: **1803F91-002AMSD** Client ID: **GW-31I** Units: **ug/L** Prep Date: **03/20/2018** Run No: **365787**
SampleType: **MSD** TestCode: **VOLATILE ORGANICS SW8260B** BatchID: **257749** Analysis Date: **03/20/2018** Seq No: **8090304**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	48.95	1.0	50.00	3.060	91.8	66.1	137	49.97	2.06	20	
Ethylbenzene	51.22	1.0	50.00	4.010	94.4	74	134	52.72	2.89	20	
m,p-Xylene	95.22	1.0	100.0	5.310	89.9	73.8	136	98.19	3.07	20	
o-Xylene	48.64	1.0	50.00	1.270	94.7	71.6	135	49.70	2.16	20	
Toluene	47.33	1.0	50.00	1.320	92.0	63.8	141	48.72	2.89	20	
Surr: 4-Bromofluorobenzene	51.50	0	50.00		103	68	127	51.70	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803F91

ANALYTICAL QC SUMMARY REPORT

BatchID: 257766

Sample ID: **MB-257766**	Client ID:			Units: **mg/L**	Prep Date: **03/21/2018**	Run No: **365999**
SampleType: **MBLK**	TestCode: **Mercury, Total SW7470A**			BatchID: **257766**	Analysis Date: **03/21/2018**	Seq No: **8093516**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.00020									

Sample ID: **LCS-257766**	Client ID:			Units: **mg/L**	Prep Date: **03/21/2018**	Run No: **365999**
SampleType: **LCS**	TestCode: **Mercury, Total SW7470A**			BatchID: **257766**	Analysis Date: **03/21/2018**	Seq No: **8093517**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.003467	0.00020	0.0040		86.7	80	120				

Sample ID: **1803F91-002CMS**	Client ID: **GW-31I**			Units: **mg/L**	Prep Date: **03/21/2018**	Run No: **365999**
SampleType: **MS**	TestCode: **Mercury, Total SW7470A**			BatchID: **257766**	Analysis Date: **03/21/2018**	Seq No: **8093519**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.003435	0.00020	0.0040		85.9	70	130				

Sample ID: **1803F91-002CMSD**	Client ID: **GW-31I**			Units: **mg/L**	Prep Date: **03/21/2018**	Run No: **365999**
SampleType: **MSD**	TestCode: **Mercury, Total SW7470A**			BatchID: **257766**	Analysis Date: **03/21/2018**	Seq No: **8093520**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.003483	0.00020	0.0040		87.1	70	130	0.003435	1.40	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803F91

ANALYTICAL QC SUMMARY REPORT

BatchID: R365607

Sample ID: **MB-R365607**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **365607**	
SampleType: **MBLK**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**				BatchID: **R365607**		Analysis Date: **03/15/2018**		Seq No: **8083007**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	BRL	0.010									

Sample ID: **LCS-R365607**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **365607**	
SampleType: **LCS**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**				BatchID: **R365607**		Analysis Date: **03/15/2018**		Seq No: **8083008**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.5270	0.010	0.5000		105	90	110				

Sample ID: **1803E90-001EMS**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **365607**	
SampleType: **MS**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**				BatchID: **R365607**		Analysis Date: **03/15/2018**		Seq No: **8083019**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.4530	0.010	0.5000		90.6	85	115				

Sample ID: **1803F91-002DMS**	Client ID: **GW-31I**				Units: **mg/L**		Prep Date:		Run No: **365607**	
SampleType: **MS**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**				BatchID: **R365607**		Analysis Date: **03/15/2018**		Seq No: **8083021**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.01500	0.010	0.5000		3.00	85	115				SH

Sample ID: **1803E90-001EMSD**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **365607**	
SampleType: **MSD**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**				BatchID: **R365607**		Analysis Date: **03/15/2018**		Seq No: **8083020**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.4570	0.010	0.5000		91.4	85	115	0.4530	0.879	30	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803F91

ANALYTICAL QC SUMMARY REPORT

BatchID: R365607

Sample ID: **1803F91-002DMSD** Client ID: **GW-31I** Units: **mg/L** Prep Date: Run No: **365607**
SampleType: **MSD** TestCode: **Hexavalent Chromium by SM3500-Cr-B** BatchID: **R365607** Analysis Date: **03/15/2018** Seq No: **8083022**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.01500	0.010	0.5000		3.00	85	115	0.01500	0	30	SH

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803F91

ANALYTICAL QC SUMMARY REPORT

BatchID: R365889

Sample ID: **MB-R365889**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **365889**	
SampleType: **MBLK**	TestCode: **ION SCAN SW9056A**				BatchID: **R365889**		Analysis Date: **03/21/2018**		Seq No: **8090748**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	BRL	1.0									

Sample ID: **LCS-R365889**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **365889**	
SampleType: **LCS**	TestCode: **ION SCAN SW9056A**				BatchID: **R365889**		Analysis Date: **03/21/2018**		Seq No: **8090747**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	10.37	1.0	10.00		104	90	110				

Sample ID: **1803F91-002EMS**	Client ID: **GW-31I**				Units: **mg/L**		Prep Date:		Run No: **365889**	
SampleType: **MS**	TestCode: **ION SCAN SW9056A**				BatchID: **R365889**		Analysis Date: **03/21/2018**		Seq No: **8090761**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	111.8	10	100.0	8.651	103	90	110				

Sample ID: **1803F91-002EMSD**	Client ID: **GW-31I**				Units: **mg/L**		Prep Date:		Run No: **365889**	
SampleType: **MSD**	TestCode: **ION SCAN SW9056A**				BatchID: **R365889**		Analysis Date: **03/21/2018**		Seq No: **8090762**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	110.6	10	100.0	8.651	102	90	110	111.8	1.03	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

March 22, 2018

Felix Nchako
AECOM

1360 Peachtree Street NE Suite 500
Atlanta GA 30309

RE: GDOT - Walker Street

Dear Felix Nchako: Order No: 1803H10

Analytical Environmental Services, Inc. received 6 samples on 3/15/2018 6:00:00 PM
for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES's accreditations are as follows:
-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/17-06/30/18.
State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/17-06/30/18 and Total Coliforms/ E. coli, effective 04/25/17-04/24/20.
-NELAP/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/17-06/30/18.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/19.
These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Ioana Pacurar

Ioana Pacurar

Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3080 Presidential Drive Atlanta, GA 30340-3704
Phone: (770) 457-8177 / Toll-Free: (800) 972-4889 / Fax: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1803H10

Date: 3/14/18 Page 1 of ____

COMPANY:	ADDRESS:
AECOM	1360 Peachtree St NE Suite 500 Atlanta GA 30309
PHONE: 678-808-8979	EMAIL: ron.hilliard@aecom.com
SAMPLED BY: Ron Hilliard	SIGNATURE:

#	SAMPLE ID	SAMPLED: DATE	SAMPLED: TIME	GRAB	COMPOSITE	MATRIX (see codes)	8270C-SIM	BTEX	RCRA metals	Hex. Chromium	Chloride	REMARKS	Number of Containers
							PRESERVATION (see codes)						
							I	HI	N	I	I		
1	GW-28I	3/14/18	1741	X		GW	X	X	X	X	X		7
2	GW-24I	3/14/18	1934	X		GW	X	X	X	X	X		7
3	GW-33I	3/15/18	0910	X		GW	X	X	X	X	X		7
4	GW-27I	3/15/18	1226	X		GW	X	X	X	X	X		7
5	Trip Blank	—	—	X		W		X					2
6													
7													
8													
9													
10													
11													
12													
13													
14													

ANALYSIS REQUESTED

Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.

RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1.	3/15/18 18:00	1.	3/15/18 6:00 AM
2.		2.	
3.		3.	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT: / / VIA:
IN: / / VIA:
client FedEx UPS US mail courier Greyhound
other: _____

PROJECT INFORMATION
PROJECT NAME: GDOT-Walker Street
PROJECT #: 60444086
SITE ADDRESS: 313 West Walker Street Douglas GA
SEND REPORT TO: ~~Bill~~ Felix.Nduka@aecom.com
INVOICE TO:
(IF DIFFERENT FROM ABOVE)
QUOTE #: _____ PO#: _____

RECEIPT
Total # of Containers

Turnaround Time (TAT) Request
- [X] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same-Day Rush (auth req.)
- [ ] Other _____

STATE PROGRAM (if any): _____
E-mail? ☐ Fax? ☐
DATA PACKAGE: I ○ II ○ III ○ IV ○

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arangements are made.

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

Preservative Codes: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-28I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/14/2018 5:41:00 PM
Lab ID:	1803H10-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257749	1	03/21/2018 14:46	NP
Toluene	BRL	1.0		ug/L	257749	1	03/21/2018 14:46	NP
Ethylbenzene	BRL	1.0		ug/L	257749	1	03/21/2018 14:46	NP
m,p-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 14:46	NP
o-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 14:46	NP
Surr: 4-Bromofluorobenzene	81.2	68-127		%REC	257749	1	03/21/2018 14:46	NP
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	BRL	10		ug/L	257526	1	03/16/2018 20:10	YH
2-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 20:10	YH
1-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 20:10	YH
Acenaphthylene	BRL	10		ug/L	257526	1	03/16/2018 20:10	YH
Acenaphthene	BRL	10		ug/L	257526	1	03/16/2018 20:10	YH
Fluorene	BRL	10		ug/L	257526	1	03/16/2018 20:10	YH
Phenanthrene	BRL	10		ug/L	257526	1	03/16/2018 20:10	YH
Anthracene	BRL	10		ug/L	257526	1	03/16/2018 20:10	YH
Fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 20:10	YH
Pyrene	BRL	10		ug/L	257526	1	03/16/2018 20:10	YH
Benz(a)anthracene	BRL	0.050		ug/L	257526	1	03/16/2018 20:10	YH
Chrysene	BRL	0.050		ug/L	257526	1	03/16/2018 20:10	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	257526	1	03/16/2018 20:10	YH
Benzo(k)fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 20:10	YH
Benzo(a)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 20:10	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 20:10	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	257526	1	03/16/2018 20:10	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	257526	1	03/16/2018 20:10	YH
Surr: 4-Terphenyl-d14	96	59.9-128		%REC	257526	1	03/16/2018 20:10	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	257766	1	03/21/2018 23:52	AS
ION SCAN SW9056A								
Chloride	4.2	1.0		mg/L	R365799	1	03/16/2018 16:05	MP
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010	H	mg/L	R365607	1	03/15/2018 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	257540	1	03/21/2018 20:28	IO
Barium	0.0431	0.0200		mg/L	257540	1	03/21/2018 20:28	IO
Cadmium	BRL	0.0050		mg/L	257540	1	03/21/2018 20:28	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-28I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/14/2018 5:41:00 PM
Lab ID:	1803H10-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	257540	1	03/21/2018 20:28	IO
Lead	BRL	0.0100		mg/L	257540	1	03/21/2018 20:28	IO
Selenium	BRL	0.0200		mg/L	257540	1	03/21/2018 20:28	IO
Silver	BRL	0.0100		mg/L	257540	1	03/21/2018 20:28	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-24I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/14/2018 7:34:00 PM
Lab ID:	1803H10-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257749	1	03/21/2018 15:10	NP
Toluene	BRL	1.0		ug/L	257749	1	03/21/2018 15:10	NP
Ethylbenzene	BRL	1.0		ug/L	257749	1	03/21/2018 15:10	NP
m,p-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 15:10	NP
o-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 15:10	NP
Surr: 4-Bromofluorobenzene	82.6	68-127		%REC	257749	1	03/21/2018 15:10	NP
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	120	50		ug/L	257526	100	03/19/2018 13:18	YH
2-Methylnaphthalene	36	10		ug/L	257526	100	03/19/2018 13:18	YH
1-Methylnaphthalene	42	10		ug/L	257526	100	03/19/2018 13:18	YH
Acenaphthylene	BRL	10		ug/L	257526	1	03/16/2018 20:35	YH
Acenaphthene	66	50		ug/L	257526	100	03/19/2018 13:18	YH
Fluorene	47	10		ug/L	257526	100	03/19/2018 13:18	YH
Phenanthrene	88	5.0		ug/L	257526	100	03/19/2018 13:18	YH
Anthracene	BRL	10		ug/L	257526	1	03/16/2018 20:35	YH
Fluoranthene	12	10		ug/L	257526	100	03/19/2018 13:18	YH
Pyrene	8.4	5.0		ug/L	257526	100	03/19/2018 13:18	YH
Benz(a)anthracene	0.27	0.050		ug/L	257526	1	03/16/2018 20:35	YH
Chrysene	0.24	0.050		ug/L	257526	1	03/16/2018 20:35	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	257526	1	03/16/2018 20:35	YH
Benzo(k)fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 20:35	YH
Benzo(a)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 20:35	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 20:35	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	257526	1	03/16/2018 20:35	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	257526	1	03/16/2018 20:35	YH
Surr: 4-Terphenyl-d14	75.5	59.9-128		%REC	257526	1	03/16/2018 20:35	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	257766	1	03/22/2018 00:04	AS
ION SCAN SW9056A								
Chloride	4.6	1.0		mg/L	R365799	1	03/16/2018 16:20	MP
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010		mg/L	R365607	1	03/15/2018 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	257540	1	03/21/2018 20:41	IO
Barium	0.0655	0.0200		mg/L	257540	1	03/21/2018 20:41	IO
Cadmium	BRL	0.0050		mg/L	257540	1	03/21/2018 20:41	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-24I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/14/2018 7:34:00 PM
Lab ID:	1803H10-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	257540	1	03/21/2018 20:41	IO
Lead	0.0161	0.0100		mg/L	257540	1	03/21/2018 20:41	IO
Selenium	BRL	0.0200		mg/L	257540	1	03/21/2018 20:41	IO
Silver	BRL	0.0100		mg/L	257540	1	03/21/2018 20:41	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-33I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/15/2018 9:10:00 AM
Lab ID:	1803H10-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257749	1	03/21/2018 15:34	NP
Toluene	BRL	1.0		ug/L	257749	1	03/21/2018 15:34	NP
Ethylbenzene	BRL	1.0		ug/L	257749	1	03/21/2018 15:34	NP
m,p-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 15:34	NP
o-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 15:34	NP
Surr: 4-Bromofluorobenzene	83.2	68-127		%REC	257749	1	03/21/2018 15:34	NP
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	BRL	10		ug/L	257526	1	03/16/2018 21:01	YH
2-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 21:01	YH
1-Methylnaphthalene	BRL	10		ug/L	257526	1	03/16/2018 21:01	YH
Acenaphthylene	BRL	10		ug/L	257526	1	03/16/2018 21:01	YH
Acenaphthene	BRL	10		ug/L	257526	1	03/16/2018 21:01	YH
Fluorene	BRL	10		ug/L	257526	1	03/16/2018 21:01	YH
Phenanthrene	BRL	10		ug/L	257526	1	03/16/2018 21:01	YH
Anthracene	BRL	10		ug/L	257526	1	03/16/2018 21:01	YH
Fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 21:01	YH
Pyrene	BRL	10		ug/L	257526	1	03/16/2018 21:01	YH
Benz(a)anthracene	BRL	0.050		ug/L	257526	1	03/16/2018 21:01	YH
Chrysene	BRL	0.050		ug/L	257526	1	03/16/2018 21:01	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	257526	1	03/16/2018 21:01	YH
Benzo(k)fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 21:01	YH
Benzo(a)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 21:01	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 21:01	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	257526	1	03/16/2018 21:01	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	257526	1	03/16/2018 21:01	YH
Surr: 4-Terphenyl-d14	93.7	59.9-128		%REC	257526	1	03/16/2018 21:01	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	257766	1	03/22/2018 00:08	AS
ION SCAN SW9056A								
Chloride	5.7	1.0		mg/L	R365799	1	03/16/2018 16:35	MP
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010		mg/L	R365607	1	03/15/2018 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	257540	1	03/21/2018 20:45	IO
Barium	0.0783	0.0200		mg/L	257540	1	03/21/2018 20:45	IO
Cadmium	BRL	0.0050		mg/L	257540	1	03/21/2018 20:45	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-33I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/15/2018 9:10:00 AM
Lab ID:	1803H10-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	257540	1	03/21/2018 20:45	IO
Lead	BRL	0.0100		mg/L	257540	1	03/21/2018 20:45	IO
Selenium	BRL	0.0200		mg/L	257540	1	03/21/2018 20:45	IO
Silver	BRL	0.0100		mg/L	257540	1	03/21/2018 20:45	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-27I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/15/2018 12:26:00 PM
Lab ID:	1803H10-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	2.9	1.0		ug/L	257749	1	03/21/2018 15:58	NP
Toluene	12	1.0		ug/L	257749	1	03/21/2018 15:58	NP
Ethylbenzene	7.3	1.0		ug/L	257749	1	03/21/2018 15:58	NP
m,p-Xylene	24	1.0		ug/L	257749	1	03/21/2018 15:58	NP
o-Xylene	8.1	1.0		ug/L	257749	1	03/21/2018 15:58	NP
Surr: 4-Bromofluorobenzene	92.3	68-127		%REC	257749	1	03/21/2018 15:58	NP
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**				
Naphthalene	2200	500		ug/L	257526	1000	03/19/2018 14:10	YH
2-Methylnaphthalene	360	50		ug/L	257526	100	03/19/2018 13:44	YH
1-Methylnaphthalene	220	50		ug/L	257526	100	03/19/2018 13:44	YH
Acenaphthylene	BRL	10		ug/L	257526	1	03/16/2018 21:27	YH
Acenaphthene	290	50		ug/L	257526	100	03/19/2018 13:44	YH
Fluorene	140	10		ug/L	257526	100	03/19/2018 13:44	YH
Phenanthrene	110	5.0		ug/L	257526	100	03/19/2018 13:44	YH
Anthracene	BRL	10		ug/L	257526	1	03/16/2018 21:27	YH
Fluoranthene	10	10		ug/L	257526	100	03/19/2018 13:44	YH
Pyrene	BRL	10		ug/L	257526	1	03/16/2018 21:27	YH
Benz(a)anthracene	0.22	0.050		ug/L	257526	1	03/16/2018 21:27	YH
Chrysene	0.22	0.050		ug/L	257526	1	03/16/2018 21:27	YH
Benzo(b)fluoranthene	BRL	0.10		ug/L	257526	1	03/16/2018 21:27	YH
Benzo(k)fluoranthene	BRL	10		ug/L	257526	1	03/16/2018 21:27	YH
Benzo(a)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 21:27	YH
Indeno(1,2,3-cd)pyrene	BRL	0.050		ug/L	257526	1	03/16/2018 21:27	YH
Dibenz(a,h)anthracene	BRL	0.10		ug/L	257526	1	03/16/2018 21:27	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	257526	1	03/16/2018 21:27	YH
Surr: 4-Terphenyl-d14	103	59.9-128		%REC	257526	1	03/16/2018 21:27	YH
Mercury, Total SW7470A				**(SW7470A)**				
Mercury	BRL	0.00020		mg/L	257766	1	03/22/2018 00:12	AS
ION SCAN SW9056A								
Chloride	6.1	1.0		mg/L	R365799	1	03/16/2018 16:50	MP
Hexavalent Chromium by SM3500-Cr-B								
Chromium, Hexavalent	BRL	0.010		mg/L	R365607	1	03/15/2018 18:00	LM
METALS, TOTAL SW6010D				**(SW3010A)**				
Arsenic	BRL	0.0500		mg/L	257540	1	03/21/2018 20:49	IO
Barium	0.0858	0.0200		mg/L	257540	1	03/21/2018 20:49	IO
Cadmium	BRL	0.0050		mg/L	257540	1	03/21/2018 20:49	IO

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	GW-27I
Project Name:	GDOT - Walker Street	**Collection Date:**	3/15/2018 12:26:00 PM
Lab ID:	1803H10-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D				**(SW3010A)**				
Chromium	BRL	0.0100		mg/L	257540	1	03/21/2018 20:49	IO
Lead	0.0174	0.0100		mg/L	257540	1	03/21/2018 20:49	IO
Selenium	BRL	0.0200		mg/L	257540	1	03/21/2018 20:49	IO
Silver	BRL	0.0100		mg/L	257540	1	03/21/2018 20:49	IO

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	TRIP BLANK #1
Project Name:	GDOT - Walker Street	**Collection Date:**	3/15/2018
Lab ID:	1803H10-005	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257749	1	03/21/2018 13:34	NP
Toluene	BRL	1.0		ug/L	257749	1	03/21/2018 13:34	NP
Ethylbenzene	BRL	1.0		ug/L	257749	1	03/21/2018 13:34	NP
m,p-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 13:34	NP
o-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 13:34	NP
Surr: 4-Bromofluorobenzene	79.3	68-127		%REC	257749	1	03/21/2018 13:34	NP

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 22-Mar-18

Client:	AECOM	**Client Sample ID:**	TRIP BLANK #2
Project Name:	GDOT - Walker Street	**Collection Date:**	3/15/2018
Lab ID:	1803H10-006	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Benzene	BRL	1.0		ug/L	257749	1	03/21/2018 13:57	NP
Toluene	BRL	1.0		ug/L	257749	1	03/21/2018 13:57	NP
Ethylbenzene	BRL	1.0		ug/L	257749	1	03/21/2018 13:57	NP
m,p-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 13:57	NP
o-Xylene	BRL	1.0		ug/L	257749	1	03/21/2018 13:57	NP
Surr: 4-Bromofluorobenzene	80.1	68-127		%REC	257749	1	03/21/2018 13:57	NP

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 22-Mar-18

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: GW-28I				**Lab ID:** 1803H10-001			
Collection Date: 3/14/2018 5:41:00 PM				**Matrix:** Groundwater			
ION SCAN SW9056A							
Chloride	4.2		0.17	1.0	mg/L	R365799	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0431		0.0031	0.0200	mg/L	257540	1
Client Sample ID: GW-24I				**Lab ID:** 1803H10-002			
Collection Date: 3/14/2018 7:34:00 PM				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	120		0.72	50	ug/L	257526	100
2-Methylnaphthalene	36		0.57	10	ug/L	257526	100
1-Methylnaphthalene	42		0.60	10	ug/L	257526	100
Acenaphthene	66		1.7	50	ug/L	257526	100
Fluorene	47		1.9	10	ug/L	257526	100
Phenanthrene	88		2.2	5.0	ug/L	257526	100
Fluoranthene	12		1.6	10	ug/L	257526	100
Pyrene	8.4		1.5	5.0	ug/L	257526	100
Benz(a)anthracene	0.27		0.018	0.050	ug/L	257526	1
Chrysene	0.24		0.017	0.050	ug/L	257526	1
ION SCAN SW9056A							
Chloride	4.6		0.17	1.0	mg/L	R365799	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0655		0.0031	0.0200	mg/L	257540	1
Lead	0.0161		0.0028	0.0100	mg/L	257540	1
Client Sample ID: GW-33I				**Lab ID:** 1803H10-003			
Collection Date: 3/15/2018 9:10:00 AM				**Matrix:** Groundwater			
ION SCAN SW9056A							
Chloride	5.7		0.17	1.0	mg/L	R365799	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0783		0.0031	0.0200	mg/L	257540	1
Client Sample ID: GW-27I				**Lab ID:** 1803H10-004			
Collection Date: 3/15/2018 12:26:00 PM				**Matrix:** Groundwater			
VOLATILE ORGANICS SW8260B				**(SW5030B)**			
Benzene	2.9		0.17	1.0	ug/L	257749	1
Toluene	12		0.15	1.0	ug/L	257749	1
Ethylbenzene	7.3		0.19	1.0	ug/L	257749	1
m,p-Xylene	24		0.31	1.0	ug/L	257749	1
o-Xylene	8.1		0.30	1.0	ug/L	257749	1
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Naphthalene	2200		7.2	500	ug/L	257526	1000
2-Methylnaphthalene	360		0.57	50	ug/L	257526	100
1-Methylnaphthalene	220		0.60	50	ug/L	257526	100
Acenaphthene	290		1.7	50	ug/L	257526	100
Fluorene	140		1.9	10	ug/L	257526	100
Phenanthrene	110		2.2	5.0	ug/L	257526	100
Fluoranthene	10		1.6	10	ug/L	257526	100

Analytical Environmental Services, Inc

Date: 22-Mar-18

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: GW-27I				**Lab ID:** 1803H10-004			
Collection Date: 3/15/2018 12:26:00 PM				**Matrix:** Groundwater			
SIM Polynuclear Aromatic Hydrocarbons SW8270D				**(SW3510C)**			
Benz(a)anthracene	0.22		0.018	0.050	ug/L	257526	1
Chrysene	0.22		0.017	0.050	ug/L	257526	1
ION SCAN SW9056A							
Chloride	6.1		0.17	1.0	mg/L	R365799	1
METALS, TOTAL SW6010D				**(SW3010A)**			
Barium	0.0858		0.0031	0.0200	mg/L	257540	1
Lead	0.0174		0.0028	0.0100	mg/L	257540	1

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Clear Save as

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: **AECOM** AES Work Order Number: **1803E13**

2. Carrier: FedEx ■ UPS ☐ USPS ☐ Client ☐ Courier ☐ Other _____

		Yes	No	N/A	Details	Comments
3.	Shipping container/cooler received in good condition?	○	○	○	damaged ☐ leaking ☐ other ☐	
4.	Custody seals present on shipping container?	○	○	○		
5.	Custody seals intact on shipping container?	○	○	○		
6.	Temperature blanks present?	○	○	○		
7.	Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	○	○	○	Cooling initiated for recently collected samples / ice present ☐	
8.	Chain of Custody (COC) present?	○	○	○		
9.	Chain of Custody signed, dated, and timed when relinquished and received?	○	○	○		
10.	Sampler name and/or signature on COC?	○	○	○		
11.	Were all samples received within holding time?	○	○	○		
12.	TAT marked on the COC?	○	○	○	If no TAT indicated, proceeded with standard TAT per Terms & Conditions. ☐	

13. Cooler 1 Temperature 0.9 °C Cooler 2 Temperature 0.4 °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C

14. Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). KR 3/14/18

		Yes	No	N/A	Details	Comments
16.	Were sample containers intact upon receipt?	○	○	○		
17.	Custody seals present on sample containers?	○	○	○		
18.	Custody seals intact on sample containers?	○	○	○		
19.	Do sample container labels match the COC?	○	○	○	incomplete info ■ illegible ☐ no label ☐ other ☐	
20.	Are analyses requested indicated on the COC?	○	○	○		
21.	Were all of the samples listed on the COC received?	○	○	○	samples received but not listed on COC ☐ samples listed on COC not received ☐	
22.	Was the sample collection date/time noted?	○	○	○		
23.	Did we receive sufficient sample volume for indicated analyses?	○	○	○		
24.	Were samples received in appropriate containers?	○	○	○		
25.	Were VOA samples received without headspace (< 1/4" bubble)?	○	○	○		
26.	Were trip blanks submitted?	○	○	○	listed on COC ■ not listed on COC ☐	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). KR 3/14/18

This section only applies to samples where pH can be checked at Sample Receipt.

		Yes	No	N/A	Details	Comments
28.	Have containers needing chemical preservation been checked? *	○	○	○		
29.	Containers meet preservation guidelines?	○	○	○		
30.	Was pH adjusted at Sample Receipt?	○	○	○		

* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH.

I certify that I have completed sections 28-30 (dated initials). KR 3/14/18

Checklist 6.9.17 Rev 2

Locked

Client: AECOM
Project Name: GDOT - Walker Street
Lab Order: 1803H10

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1803H10-001A	GW-28I	3/14/2018 5:41:00PM	Groundwater	VOLATILE ORGANICS: BTEX		3/20/2018 8:10:00AM	03/21/2018
1803H10-001B	GW-28I	3/14/2018 5:41:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/16/2018
1803H10-001C	GW-28I	3/14/2018 5:41:00PM	Groundwater	TOTAL METALS BY ICP		3/16/2018 5:08:00PM	03/21/2018
1803H10-001C	GW-28I	3/14/2018 5:41:00PM	Groundwater	TOTAL MERCURY		3/21/2018 6:11:00PM	03/21/2018
1803H10-001D	GW-28I	3/14/2018 5:41:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			03/15/2018
1803H10-001E	GW-28I	3/14/2018 5:41:00PM	Groundwater	ION SCAN			03/16/2018
1803H10-002A	GW-24I	3/14/2018 7:34:00PM	Groundwater	VOLATILE ORGANICS: BTEX		3/20/2018 8:10:00AM	03/21/2018
1803H10-002B	GW-24I	3/14/2018 7:34:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/16/2018
1803H10-002B	GW-24I	3/14/2018 7:34:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/19/2018
1803H10-002C	GW-24I	3/14/2018 7:34:00PM	Groundwater	TOTAL METALS BY ICP		3/16/2018 5:08:00PM	03/21/2018
1803H10-002C	GW-24I	3/14/2018 7:34:00PM	Groundwater	TOTAL MERCURY		3/21/2018 6:11:00PM	03/22/2018
1803H10-002D	GW-24I	3/14/2018 7:34:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			03/15/2018
1803H10-002E	GW-24I	3/14/2018 7:34:00PM	Groundwater	ION SCAN			03/16/2018
1803H10-003A	GW-33I	3/15/2018 9:10:00AM	Groundwater	VOLATILE ORGANICS: BTEX		3/20/2018 8:10:00AM	03/21/2018
1803H10-003B	GW-33I	3/15/2018 9:10:00AM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/16/2018
1803H10-003C	GW-33I	3/15/2018 9:10:00AM	Groundwater	TOTAL METALS BY ICP		3/16/2018 5:08:00PM	03/21/2018
1803H10-003C	GW-33I	3/15/2018 9:10:00AM	Groundwater	TOTAL MERCURY		3/21/2018 6:11:00PM	03/22/2018
1803H10-003D	GW-33I	3/15/2018 9:10:00AM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			03/15/2018
1803H10-003E	GW-33I	3/15/2018 9:10:00AM	Groundwater	ION SCAN			03/16/2018
1803H10-004A	GW-27I	3/15/2018 12:26:00PM	Groundwater	VOLATILE ORGANICS: BTEX		3/20/2018 8:10:00AM	03/21/2018
1803H10-004B	GW-27I	3/15/2018 12:26:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/16/2018
1803H10-004B	GW-27I	3/15/2018 12:26:00PM	Groundwater	Polynuclear Aromatic Hydrocarbons		3/16/2018 12:00:00PM	03/19/2018
1803H10-004C	GW-27I	3/15/2018 12:26:00PM	Groundwater	TOTAL METALS BY ICP		3/16/2018 5:08:00PM	03/21/2018
1803H10-004C	GW-27I	3/15/2018 12:26:00PM	Groundwater	TOTAL MERCURY		3/21/2018 6:11:00PM	03/22/2018
1803H10-004D	GW-27I	3/15/2018 12:26:00PM	Groundwater	Hexavalent Chromium by SM3500-Cr-B			03/15/2018
1803H10-004E	GW-27I	3/15/2018 12:26:00PM	Groundwater	ION SCAN			03/16/2018
1803H10-005A	TRIP BLANK #1	3/15/2018 12:00:00AM	Aqueous	VOLATILE ORGANICS: BTEX		3/20/2018 8:10:00AM	03/21/2018
1803H10-006A	TRIP BLANK #2	3/15/2018 12:00:00AM	Aqueous	VOLATILE ORGANICS: BTEX		3/20/2018 8:10:00AM	03/21/2018

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803H10

ANALYTICAL QC SUMMARY REPORT

BatchID: 257526

Sample ID: **MB-257526** Client ID: Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
SampleType: **MBLK** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085360**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	BRL	0.50									
2-Methylnaphthalene	BRL	0.50									
Acenaphthene	BRL	0.50									
Acenaphthylene	BRL	1.0									
Anthracene	BRL	0.050									
Benz(a)anthracene	BRL	0.050									
Benzo(a)pyrene	BRL	0.050									
Benzo(b)fluoranthene	BRL	0.10									
Benzo(g,h,i)perylene	BRL	0.10									
Benzo(k)fluoranthene	BRL	0.050									
Chrysene	BRL	0.050									
Dibenz(a,h)anthracene	BRL	0.10									
Fluoranthene	BRL	0.10									
Fluorene	BRL	0.10									
Indeno(1,2,3-cd)pyrene	BRL	0.050									
Naphthalene	BRL	0.50									
Phenanthrene	BRL	0.050									
Pyrene	BRL	0.050									
Surr: 4-Terphenyl-d14	2.071	0	2.000		104	59.9	128				

Sample ID: **LCS-257526** Client ID: Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
SampleType: **LCS** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085361**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	1.615	0.50	2.000		80.8	60.4	120				
2-Methylnaphthalene	1.597	0.50	2.000		79.9	58.4	120				
Acenaphthene	1.748	0.50	2.000		87.4	64.7	120				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803H10

ANALYTICAL QC SUMMARY REPORT

BatchID: 257526

Sample ID: **LCS-257526** Client ID: Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
SampleType: **LCS** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085361**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Acenaphthylene	1.756	1.0	2.000		87.8	63.2	120				
Anthracene	1.734	0.050	2.000		86.7	69.3	125				
Benz(a)anthracene	1.891	0.050	2.000		94.6	71.1	141				
Benzo(a)pyrene	1.756	0.050	2.000		87.8	67.2	131				
Benzo(b)fluoranthene	1.753	0.10	2.000		87.7	66.1	134				
Benzo(g,h,i)perylene	1.545	0.10	2.000		77.2	66.1	128				
Benzo(k)fluoranthene	1.815	0.050	2.000		90.7	67.7	133				
Chrysene	2.036	0.050	2.000		102	71.3	137				
Dibenz(a,h)anthracene	1.418	0.10	2.000		70.9	59.7	125				
Fluoranthene	1.794	0.10	2.000		89.7	72.3	129				
Fluorene	1.706	0.10	2.000		85.3	69.2	120				
Indeno(1,2,3-cd)pyrene	1.556	0.050	2.000		77.8	66.4	127				
Naphthalene	1.684	0.50	2.000		84.2	56.8	120				
Phenanthrene	1.619	0.050	2.000		80.9	70.9	120				
Pyrene	2.041	0.050	2.000		102	68.4	138				
Surr: 4-Terphenyl-d14	2.116	0	2.000		106	59.9	128				

Sample ID: **1803F91-002BMS** Client ID: Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
SampleType: **MS** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085363**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Methylnaphthalene	3.791	0.50	2.000	1.801	99.5	57.8	120				
Acenaphthylene	2.895	1.0	2.000	0.8887	100	63.9	120				
Anthracene	2.186	0.050	2.000	0.3823	90.2	65.3	120				
Benz(a)anthracene	2.005	0.050	2.000		100	76.7	124				
Benzo(a)pyrene	1.773	0.050	2.000		88.6	58.5	120				
Benzo(b)fluoranthene	1.852	0.10	2.000		92.6	52.6	121				
Benzo(g,h,i)perylene	1.311	0.10	2.000		65.6	44.2	120				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803H10

ANALYTICAL QC SUMMARY REPORT

BatchID: 257526

Sample ID: **1803F91-002BMS**	Client ID:			Units: **ug/L**	Prep Date: **03/16/2018**	Run No: **365586**
SampleType: **MS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**			BatchID: **257526**	Analysis Date: **03/16/2018**	Seq No: **8085363**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	1.819	0.050	2.000		90.9	59	120				
Chrysene	2.007	0.050	2.000		100	65	122				
Dibenz(a,h)anthracene	1.171	0.10	2.000		58.5	38.2	120				
Fluoranthene	4.219	0.10	2.000	2.187	102	71.7	118				
Indeno(1,2,3-cd)pyrene	1.357	0.050	2.000		67.8	46.6	120				
Pyrene	2.686	0.050	2.000	0.4772	110	69	121				
Surr: 4-Terphenyl-d14	2.154	0	2.000		108	59.9	128				

Sample ID: **1803F91-002BMS**	Client ID:			Units: **ug/L**	Prep Date: **03/16/2018**	Run No: **365719**
SampleType: **MS**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**			BatchID: **257526**	Analysis Date: **03/19/2018**	Seq No: **8086773**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	61.60	50	2.000	57.94	183	60.2	120				S
Acenaphthene	BRL	50	2.000	31.29	114	61.4	120				
Fluorene	29.26	10	2.000	27.81	72.6	65.6	120				
Naphthalene	719.8	50	2.000	706.6	658	57.3	120				S
Phenanthrene	26.29	5.0	2.000	27.14	-42.6	65.6	120				S

Sample ID: **1803F91-002BMSD**	Client ID:			Units: **ug/L**	Prep Date: **03/16/2018**	Run No: **365586**
SampleType: **MSD**	TestCode: **SIM Polynuclear Aromatic Hydrocarbons** **SW8270D**			BatchID: **257526**	Analysis Date: **03/16/2018**	Seq No: **8085364**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Methylnaphthalene	3.718	0.50	2.000	1.801	95.8	57.8	120	3.791	1.96	26.4	
Acenaphthylene	2.741	1.0	2.000	0.8887	92.6	63.9	120	2.895	5.48	27.9	
Anthracene	2.126	0.050	2.000	0.3823	87.2	65.3	120	2.186	2.80	26.3	
Benz(a)anthracene	1.921	0.050	2.000		96.1	76.7	124	2.005	4.28	25	
Benzo(a)pyrene	1.724	0.050	2.000		86.2	58.5	120	1.773	2.82	23.5	
Benzo(b)fluoranthene	1.774	0.10	2.000		88.7	52.6	121	1.852	4.35	24	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803H10

ANALYTICAL QC SUMMARY REPORT

BatchID: 257526

Sample ID: **1803F91-002BMSD** Client ID: Units: **ug/L** Prep Date: **03/16/2018** Run No: **365586**
SampleType: **MSD** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/16/2018** Seq No: **8085364**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzo(g,h,i)perylene	1.326	0.10	2.000		66.3	44.2	120	1.311	1.11	32.1	
Benzo(k)fluoranthene	1.776	0.050	2.000		88.8	59	120	1.819	2.39	19.6	
Chrysene	1.922	0.050	2.000		96.1	65	122	2.007	4.32	23	
Dibenz(a,h)anthracene	1.200	0.10	2.000		60.0	38.2	120	1.171	2.45	31.7	
Fluoranthene	4.121	0.10	2.000	2.187	96.7	71.7	118	4.219	2.34	23	
Indeno(1,2,3-cd)pyrene	1.344	0.050	2.000		67.2	46.6	120	1.357	0.928	32.4	
Pyrene	2.586	0.050	2.000	0.4772	105	69	121	2.686	3.78	23.8	
Surr: 4-Terphenyl-d14	1.989	0	2.000		99.4	59.9	128	2.154	0	0	

Sample ID: **1803F91-002BMSD** Client ID: Units: **ug/L** Prep Date: **03/16/2018** Run No: **365719**
SampleType: **MSD** TestCode: **SIM Polynuclear Aromatic Hydrocarbons SW8270D** BatchID: **257526** Analysis Date: **03/19/2018** Seq No: **8086774**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1-Methylnaphthalene	58.05	50	2.000	57.94	5.45	60.2	120	61.60	5.92	24.9	S
Acenaphthene	BRL	50	2.000	31.29	76.0	61.4	120	33.56	0	24.4	
Fluorene	28.12	10	2.000	27.81	15.2	65.6	120	29.26	4.00	25	S
Naphthalene	681.6	50	2.000	706.6	-1250	57.3	120	719.8	5.45	27.2	S
Phenanthrene	25.35	5.0	2.000	27.14	-89.6	65.6	120	26.29	3.64	23.5	S

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803H10

ANALYTICAL QC SUMMARY REPORT

BatchID: 257540

Sample ID: **MB-257540** Client ID: Units: **mg/L** Prep Date: **03/16/2018** Run No: **365988**
SampleType: **MBLK** TestCode: **METALS, TOTAL SW6010D** BatchID: **257540** Analysis Date: **03/21/2018** Seq No: **8093164**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	0.0500									
Barium	BRL	0.0200									
Cadmium	BRL	0.0050									
Chromium	BRL	0.0100									
Lead	BRL	0.0100									
Selenium	BRL	0.0200									
Silver	BRL	0.0100									

Sample ID: **LCS-257540** Client ID: Units: **mg/L** Prep Date: **03/16/2018** Run No: **365988**
SampleType: **LCS** TestCode: **METALS, TOTAL SW6010D** BatchID: **257540** Analysis Date: **03/21/2018** Seq No: **8093165**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.112	0.0500	1.000		111	80	120				
Barium	1.060	0.0200	1.000		106	80	120				
Cadmium	1.069	0.0050	1.000		107	80	120				
Chromium	1.071	0.0100	1.000		107	80	120				
Lead	1.087	0.0100	1.000		109	80	120				
Selenium	1.094	0.0200	1.000		109	80	120				
Silver	0.1026	0.0100	0.1000		103	80	120				

Sample ID: **1803G77-001BMS** Client ID: Units: **mg/L** Prep Date: **03/16/2018** Run No: **365988**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010D** BatchID: **257540** Analysis Date: **03/21/2018** Seq No: **8093167**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.087	0.0500	1.000		109	75	125				
Barium	1.072	0.0200	1.000	0.04056	103	75	125				
Cadmium	1.056	0.0050	1.000		106	75	125				
Chromium	1.054	0.0100	1.000		105	75	125				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803H10

ANALYTICAL QC SUMMARY REPORT

BatchID: 257540

Sample ID: **1803G77-001BMS** Client ID: Units: **mg/L** Prep Date: **03/16/2018** Run No: **365988**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010D** BatchID: **257540** Analysis Date: **03/21/2018** Seq No: **8093167**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	1.065	0.0100	1.000	0.002925	106	75	125				
Selenium	1.079	0.0200	1.000		108	75	125				
Silver	0.1012	0.0100	0.1000		101	75	125				

Sample ID: **1803G77-001BMSD** Client ID: Units: **mg/L** Prep Date: **03/16/2018** Run No: **365988**
SampleType: **MSD** TestCode: **METALS, TOTAL SW6010D** BatchID: **257540** Analysis Date: **03/21/2018** Seq No: **8093168**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	1.084	0.0500	1.000		108	75	125	1.087	0.209	20	
Barium	1.066	0.0200	1.000	0.04056	103	75	125	1.072	0.604	20	
Cadmium	1.045	0.0050	1.000		104	75	125	1.056	1.13	20	
Chromium	1.049	0.0100	1.000		105	75	125	1.054	0.479	20	
Lead	1.069	0.0100	1.000	0.002925	107	75	125	1.065	0.371	20	
Selenium	1.074	0.0200	1.000		107	75	125	1.079	0.428	20	
Silver	0.1006	0.0100	0.1000		101	75	125	0.1012	0.548	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803H10

ANALYTICAL QC SUMMARY REPORT

BatchID: 257749

Sample ID: **MB-257749** Client ID: Units: **ug/L** Prep Date: **03/20/2018** Run No: **365787**
SampleType: **MBLK** TestCode: **VOLATILE ORGANICS SW8260B** BatchID: **257749** Analysis Date: **03/20/2018** Seq No: **8088159**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	BRL	1.0									
Ethylbenzene	BRL	1.0									
m,p-Xylene	BRL	1.0									
o-Xylene	BRL	1.0									
Toluene	BRL	1.0									
Surr: 4-Bromofluorobenzene	51.47	0	50.00		103	68	127				

Sample ID: **LCS-257749** Client ID: Units: **ug/L** Prep Date: **03/20/2018** Run No: **365787**
SampleType: **LCS** TestCode: **VOLATILE ORGANICS SW8260B** BatchID: **257749** Analysis Date: **03/20/2018** Seq No: **8088158**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	48.34	1.0	50.00		96.7	73.7	126				
Ethylbenzene	50.40	1.0	50.00		101	80.1	125				
m,p-Xylene	102.8	1.0	100.0		103	80.5	126				
o-Xylene	51.06	1.0	50.00		102	79.9	127				
Toluene	49.15	1.0	50.00		98.3	76.8	125				
Surr: 4-Bromofluorobenzene	52.57	0	50.00		105	68	127				

Sample ID: **1803F91-002AMS** Client ID: Units: **ug/L** Prep Date: **03/20/2018** Run No: **365787**
SampleType: **MS** TestCode: **VOLATILE ORGANICS SW8260B** BatchID: **257749** Analysis Date: **03/20/2018** Seq No: **8090303**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	49.97	1.0	50.00	3.060	93.8	66.1	137				
Ethylbenzene	52.72	1.0	50.00	4.010	97.4	74	134				
m,p-Xylene	98.19	1.0	100.0	5.310	92.9	73.8	136				
o-Xylene	49.70	1.0	50.00	1.270	96.9	71.6	135				
Toluene	48.72	1.0	50.00	1.320	94.8	63.8	141				
Surr: 4-Bromofluorobenzene	51.70	0	50.00		103	68	127				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803H10

ANALYTICAL QC SUMMARY REPORT

BatchID: 257749

Sample ID: **1803F91-002AMSD** Client ID:
SampleType: **MSD** TestCode: **VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **03/20/2018** Run No: **365787**
BatchID: **257749** Analysis Date: **03/20/2018** Seq No: **8090304**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benzene	48.95	1.0	50.00	3.060	91.8	66.1	137	49.97	2.06	20	
Ethylbenzene	51.22	1.0	50.00	4.010	94.4	74	134	52.72	2.89	20	
m,p-Xylene	95.22	1.0	100.0	5.310	89.9	73.8	136	98.19	3.07	20	
o-Xylene	48.64	1.0	50.00	1.270	94.7	71.6	135	49.70	2.16	20	
Toluene	47.33	1.0	50.00	1.320	92.0	63.8	141	48.72	2.89	20	
Surr: 4-Bromofluorobenzene	51.50	0	50.00		103	68	127	51.70	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803H10

ANALYTICAL QC SUMMARY REPORT

BatchID: 257766

Sample ID: **MB-257766**	Client ID:			Units: **mg/L**	Prep Date: **03/21/2018**	Run No: **365999**
SampleType: **MBLK**	TestCode: **Mercury, Total SW7470A**			BatchID: **257766**	Analysis Date: **03/21/2018**	Seq No: **8093516**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.00020									

Sample ID: **LCS-257766**	Client ID:			Units: **mg/L**	Prep Date: **03/21/2018**	Run No: **365999**
SampleType: **LCS**	TestCode: **Mercury, Total SW7470A**			BatchID: **257766**	Analysis Date: **03/21/2018**	Seq No: **8093517**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.003467	0.00020	0.0040		86.7	80	120				

Sample ID: **1803F91-002CMS**	Client ID:			Units: **mg/L**	Prep Date: **03/21/2018**	Run No: **365999**
SampleType: **MS**	TestCode: **Mercury, Total SW7470A**			BatchID: **257766**	Analysis Date: **03/21/2018**	Seq No: **8093519**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.003435	0.00020	0.0040		85.9	70	130				

Sample ID: **1803F91-002CMSD**	Client ID:			Units: **mg/L**	Prep Date: **03/21/2018**	Run No: **365999**
SampleType: **MSD**	TestCode: **Mercury, Total SW7470A**			BatchID: **257766**	Analysis Date: **03/21/2018**	Seq No: **8093520**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.003483	0.00020	0.0040		87.1	70	130	0.003435	1.40	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803H10

ANALYTICAL QC SUMMARY REPORT

BatchID: R365607

Sample ID: **MB-R365607**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **365607**	
SampleType: **MBLK**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**				BatchID: **R365607**		Analysis Date: **03/15/2018**		Seq No: **8083007**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	BRL	0.010									

Sample ID: **LCS-R365607**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **365607**	
SampleType: **LCS**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**				BatchID: **R365607**		Analysis Date: **03/15/2018**		Seq No: **8083008**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.5270	0.010	0.5000		105	90	110				

Sample ID: **1803E90-001EMS**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **365607**	
SampleType: **MS**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**				BatchID: **R365607**		Analysis Date: **03/15/2018**		Seq No: **8083019**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.4530	0.010	0.5000		90.6	85	115				

Sample ID: **1803F91-002DMS**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **365607**	
SampleType: **MS**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**				BatchID: **R365607**		Analysis Date: **03/15/2018**		Seq No: **8083021**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.01500	0.010	0.5000		3.00	85	115				SH

Sample ID: **1803E90-001EMSD**	Client ID:				Units: **mg/L**		Prep Date:		Run No: **365607**	
SampleType: **MSD**	TestCode: **Hexavalent Chromium by SM3500-Cr-B**				BatchID: **R365607**		Analysis Date: **03/15/2018**		Seq No: **8083020**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.4570	0.010	0.5000		91.4	85	115	0.4530	0.879	30	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803H10

ANALYTICAL QC SUMMARY REPORT

BatchID: R365607

Sample ID: **1803F91-002DMSD** Client ID: Units: **mg/L** Prep Date: Run No: **365607**
SampleType: **MSD** TestCode: **Hexavalent Chromium by SM3500-Cr-B** BatchID: **R365607** Analysis Date: **03/15/2018** Seq No: **8083022**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium, Hexavalent	0.01500	0.010	0.5000		3.00	85	115	0.01500	0	30	SH

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AECOM
Project Name: GDOT - Walker Street
Workorder: 1803H10

ANALYTICAL QC SUMMARY REPORT

BatchID: R365799

Sample ID: **MB-R365799**	Client ID:				Units: **mg/L**	Prep Date:		Run No: **365799**
SampleType: **MBLK**	TestCode: **ION SCAN SW9056A**				BatchID: **R365799**	Analysis Date: **03/16/2018**		Seq No: **8088250**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	BRL	1.0									

Sample ID: **LCS-R365799**	Client ID:				Units: **mg/L**	Prep Date:		Run No: **365799**
SampleType: **LCS**	TestCode: **ION SCAN SW9056A**				BatchID: **R365799**	Analysis Date: **03/16/2018**		Seq No: **8088249**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	10.50	1.0	10.00		105	90	110				

Sample ID: **1803G53-001AMS**	Client ID:				Units: **mg/L**	Prep Date:		Run No: **365799**
SampleType: **MS**	TestCode: **ION SCAN SW9056A**				BatchID: **R365799**	Analysis Date: **03/16/2018**		Seq No: **8088267**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	14.89	1.0	10.00	4.403	105	90	110				

Sample ID: **1803G54-001AMS**	Client ID:				Units: **mg/L**	Prep Date:		Run No: **365799**
SampleType: **MS**	TestCode: **ION SCAN SW9056A**				BatchID: **R365799**	Analysis Date: **03/16/2018**		Seq No: **8088269**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	15.01	1.0	10.00	4.370	106	90	110				

Sample ID: **1803G53-001AMSD**	Client ID:				Units: **mg/L**	Prep Date:		Run No: **365799**
SampleType: **MSD**	TestCode: **ION SCAN SW9056A**				BatchID: **R365799**	Analysis Date: **03/16/2018**		Seq No: **8088268**

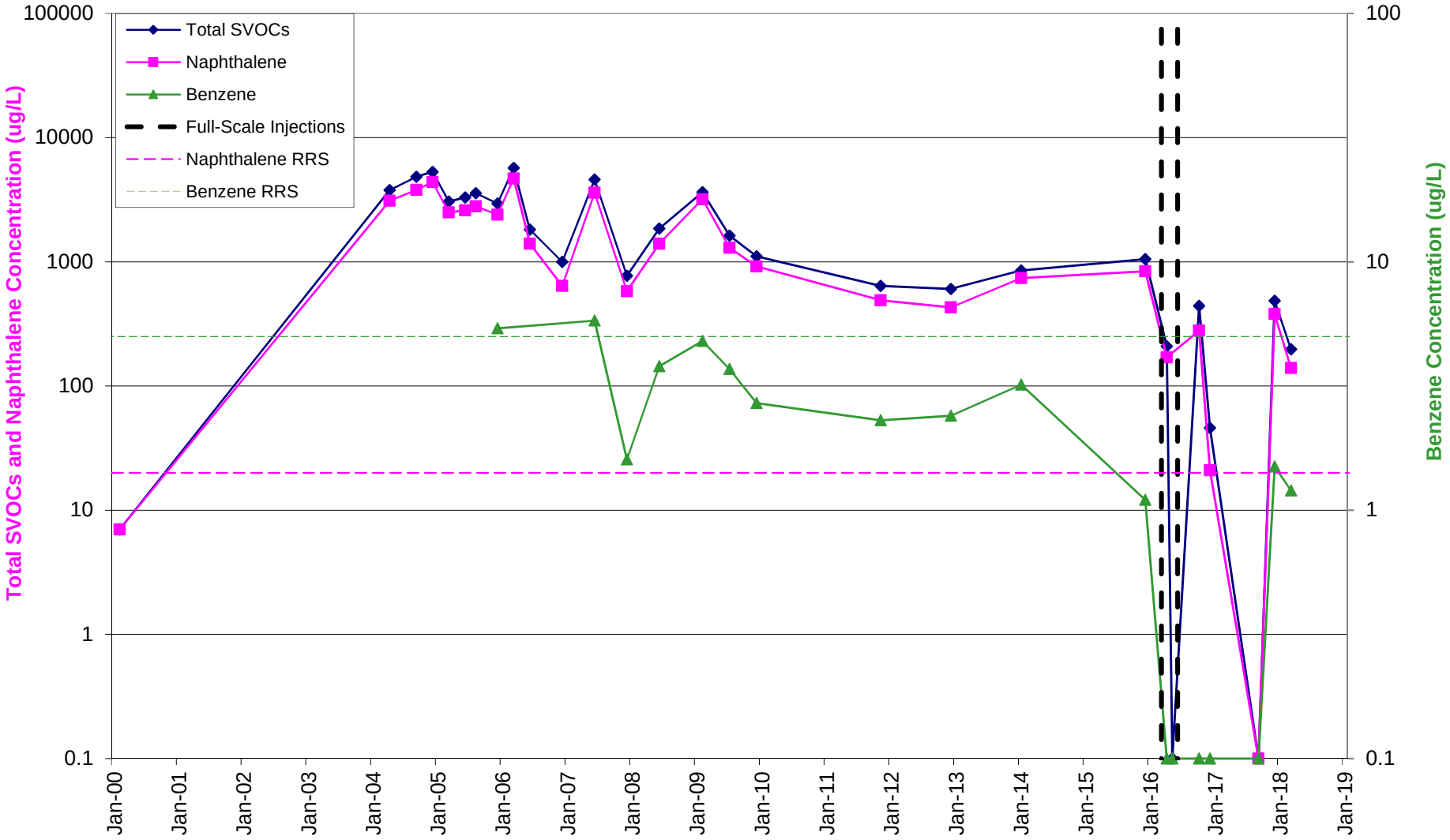
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloride	14.54	1.0	10.00	4.403	101	90	110	14.89	2.40	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Appendix D
Trend Charts for Total SVOCs, Naphthalene, and Benzene in Groundwater at Performance Monitoring Well Locations

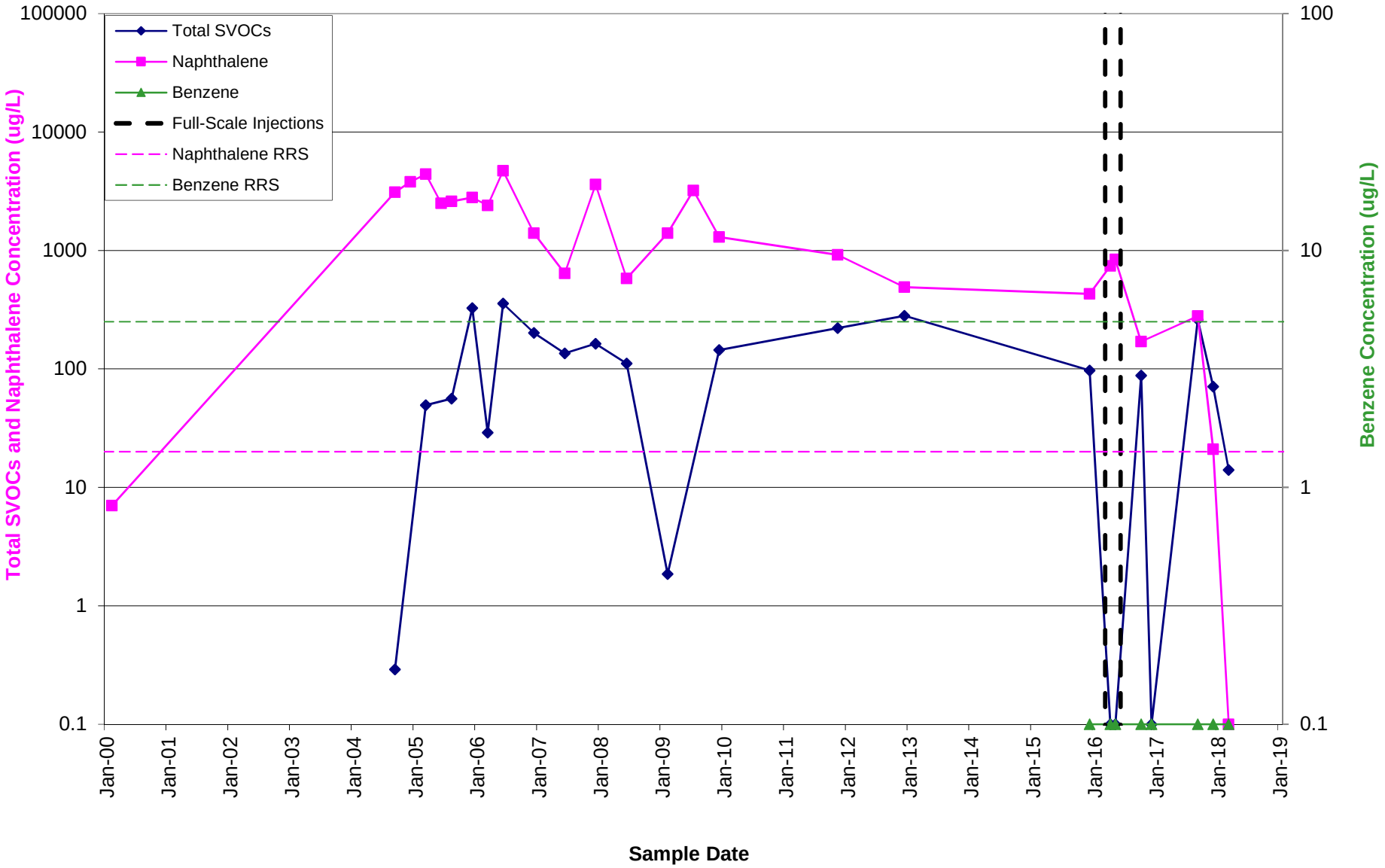
Trend Chart for Total SVOCs/Naphthalene and Benzene at GW-20S



Note: Non-detect results plotted as 0.1.

- - - Full-Scale ISCO GW Injections

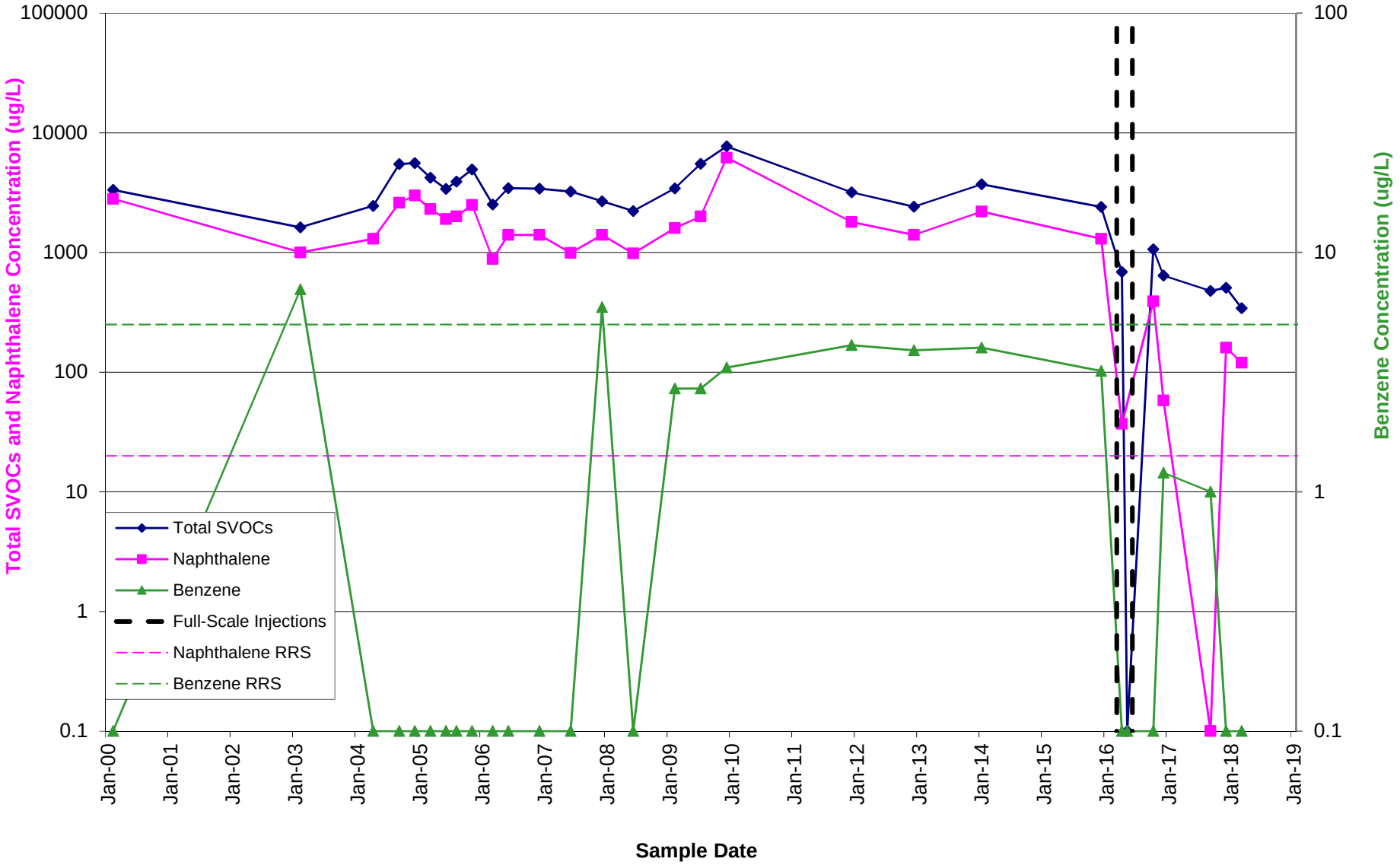
Trend Chart for Total SVOCs/Naphthalene and Benzene at GW-20I



Note: Non-detect results plotted as 0.1.

- - - Full-Scale ISCO GW Injections

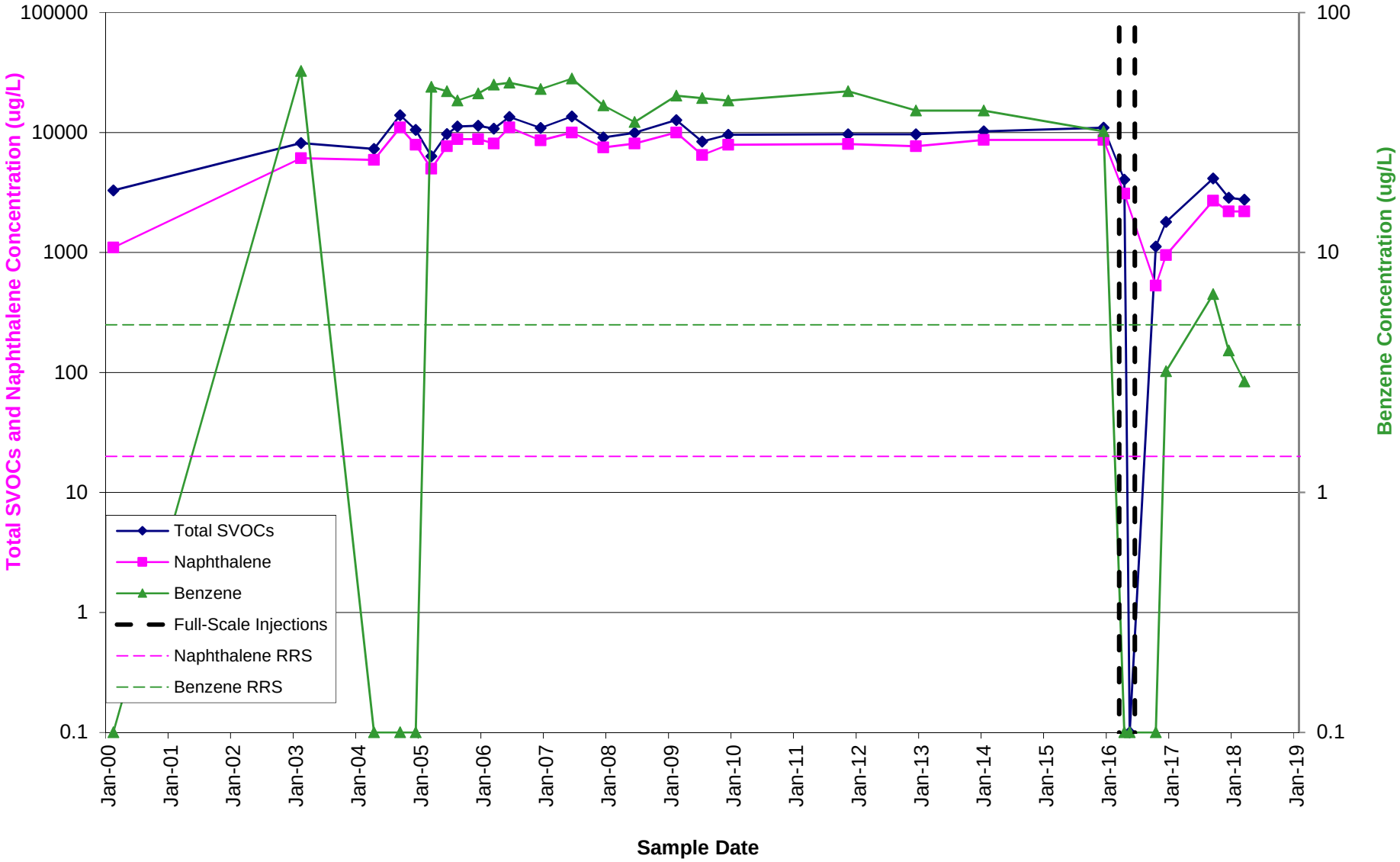
Trend Chart for Total SVOCs/Naphthalene and Benzene at GW-24I



Note: Non-detect results plotted as 0.1.

- - - Full-Scale ISCO GW Injections

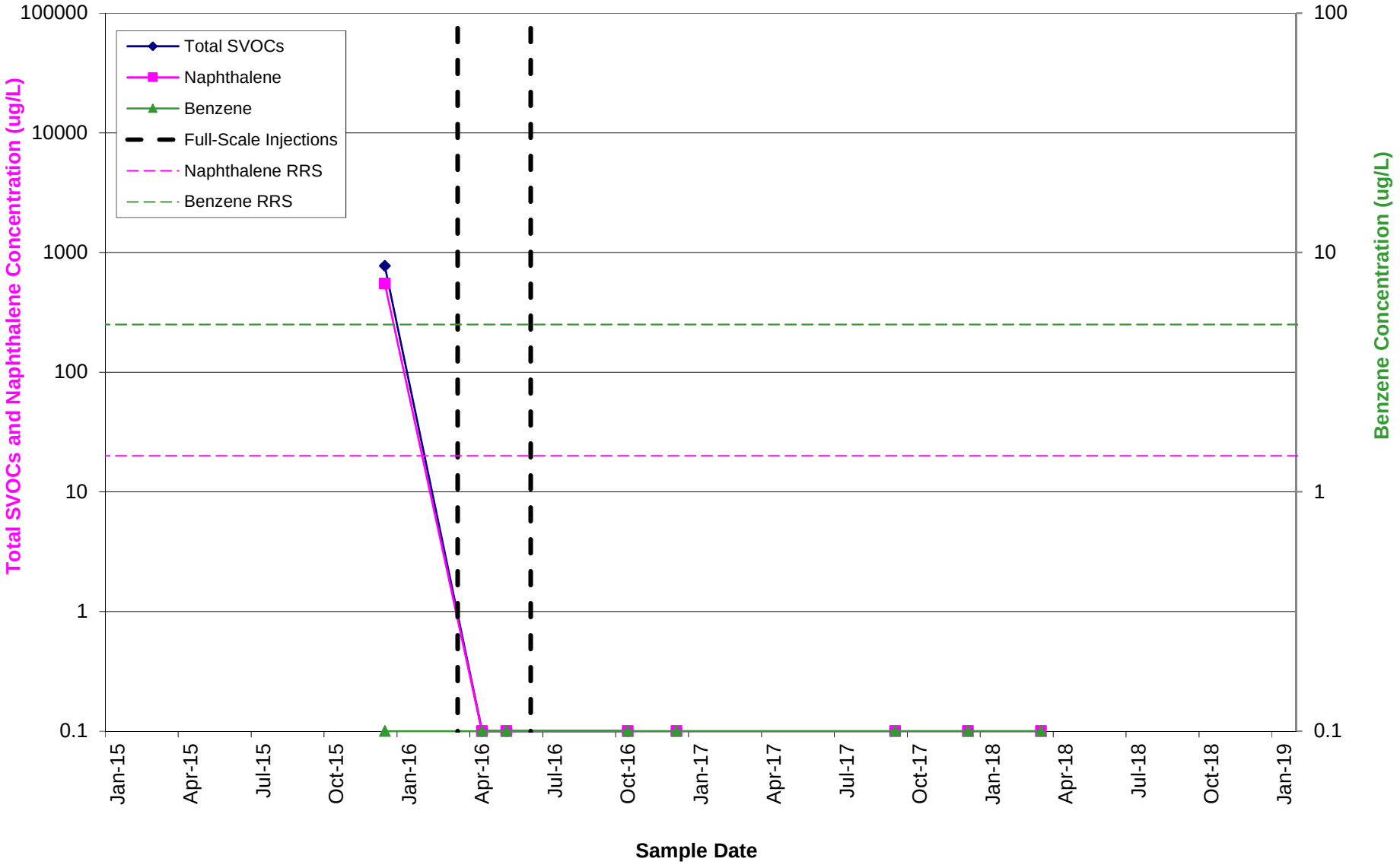
Trend Chart for Total SVOCs/Naphthalene and Benzene at GW-27I



Note: Non-detect results plotted as 0.1.

- - - Full-Scale ISCO GW Injections

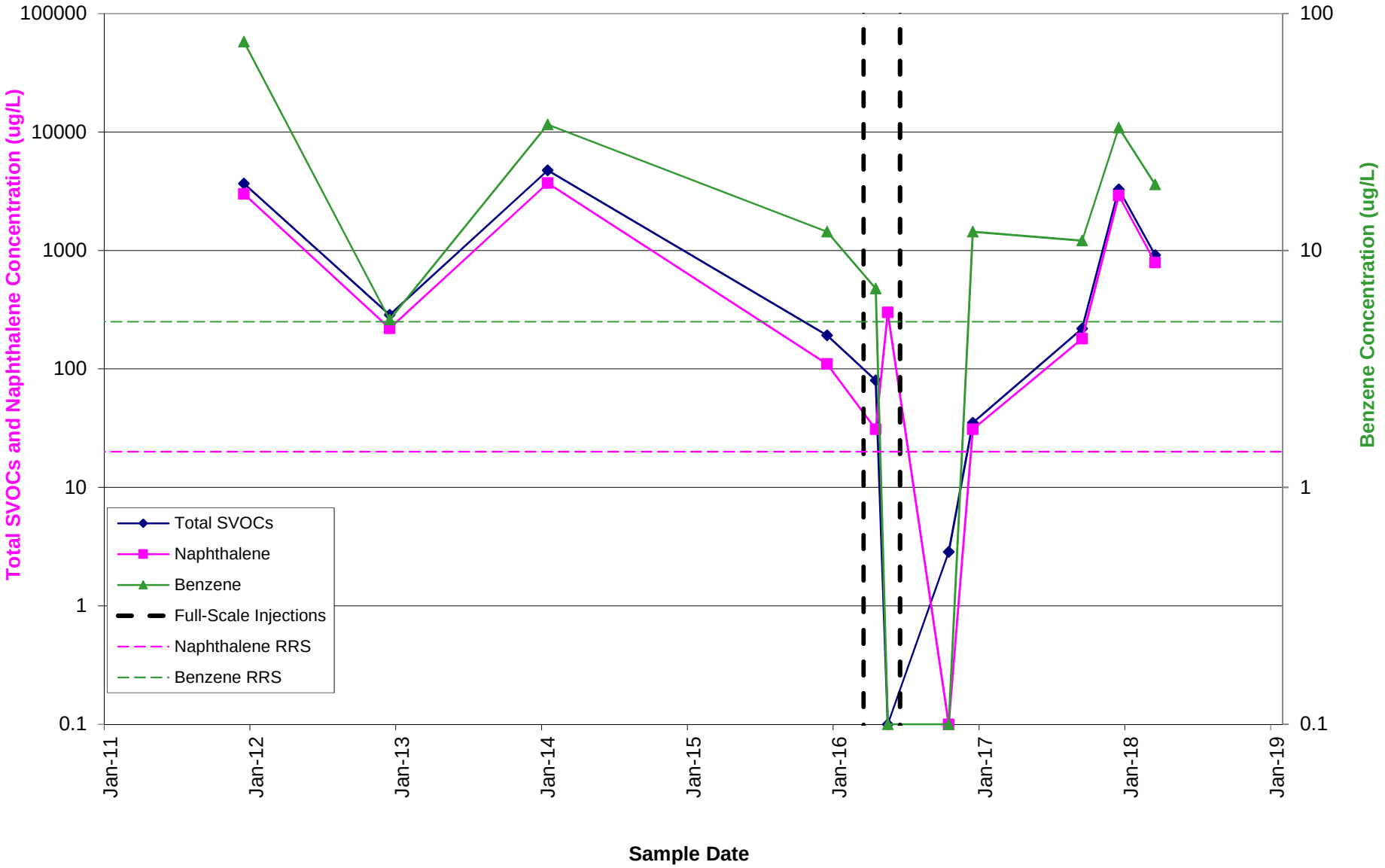
Trend Chart for Total SVOCs/Naphthalene and Benzene at GW-28I



Note: Non-detect results plotted as 0.1.

- - - Full-Scale ISCO GW Injections

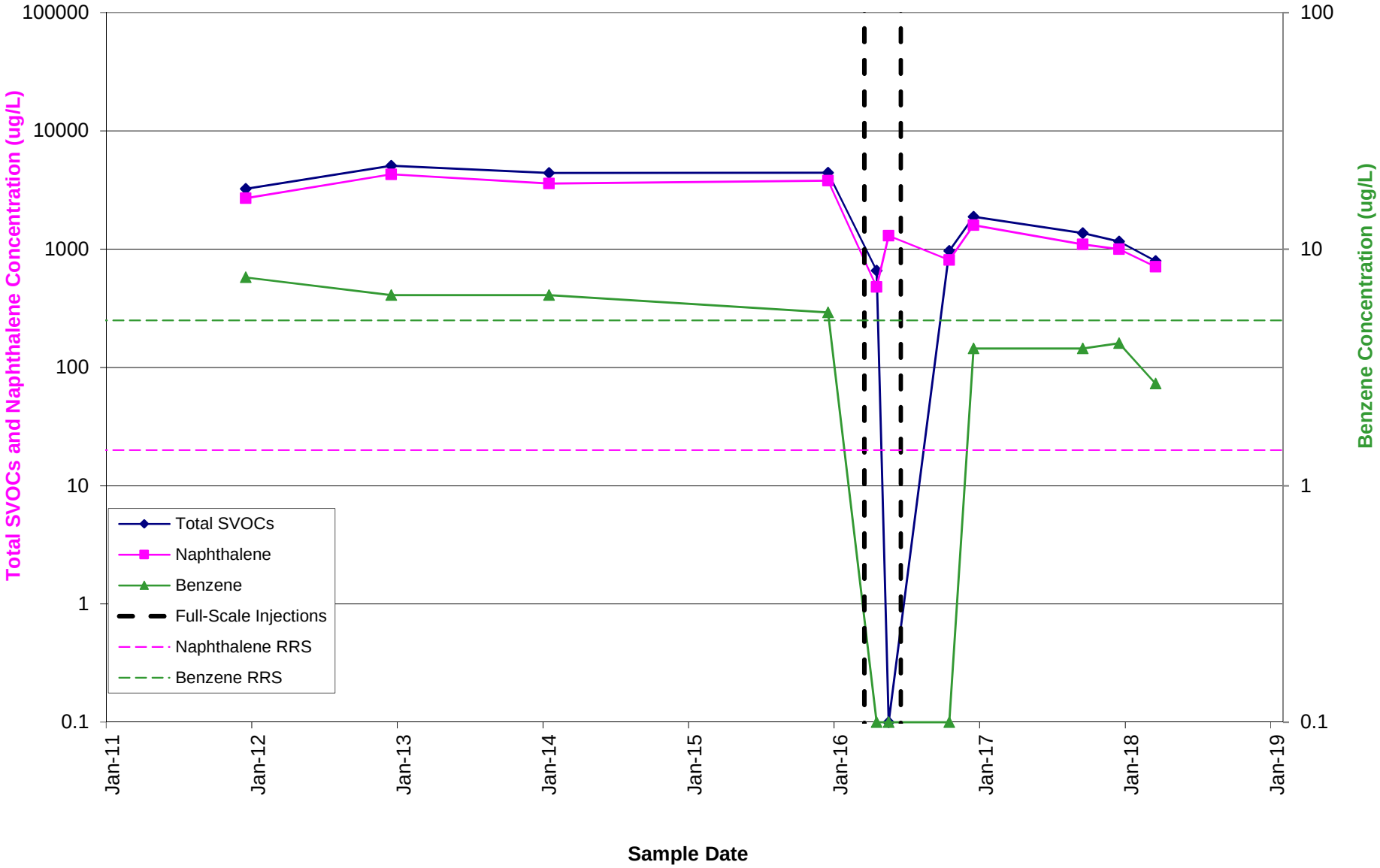
Trend Chart for Total SVOCs/Naphthalene and Benzene at GW-29S



Note: Non-detect results plotted as 0.1.

- - - Full-Scale ISCO GW Injections

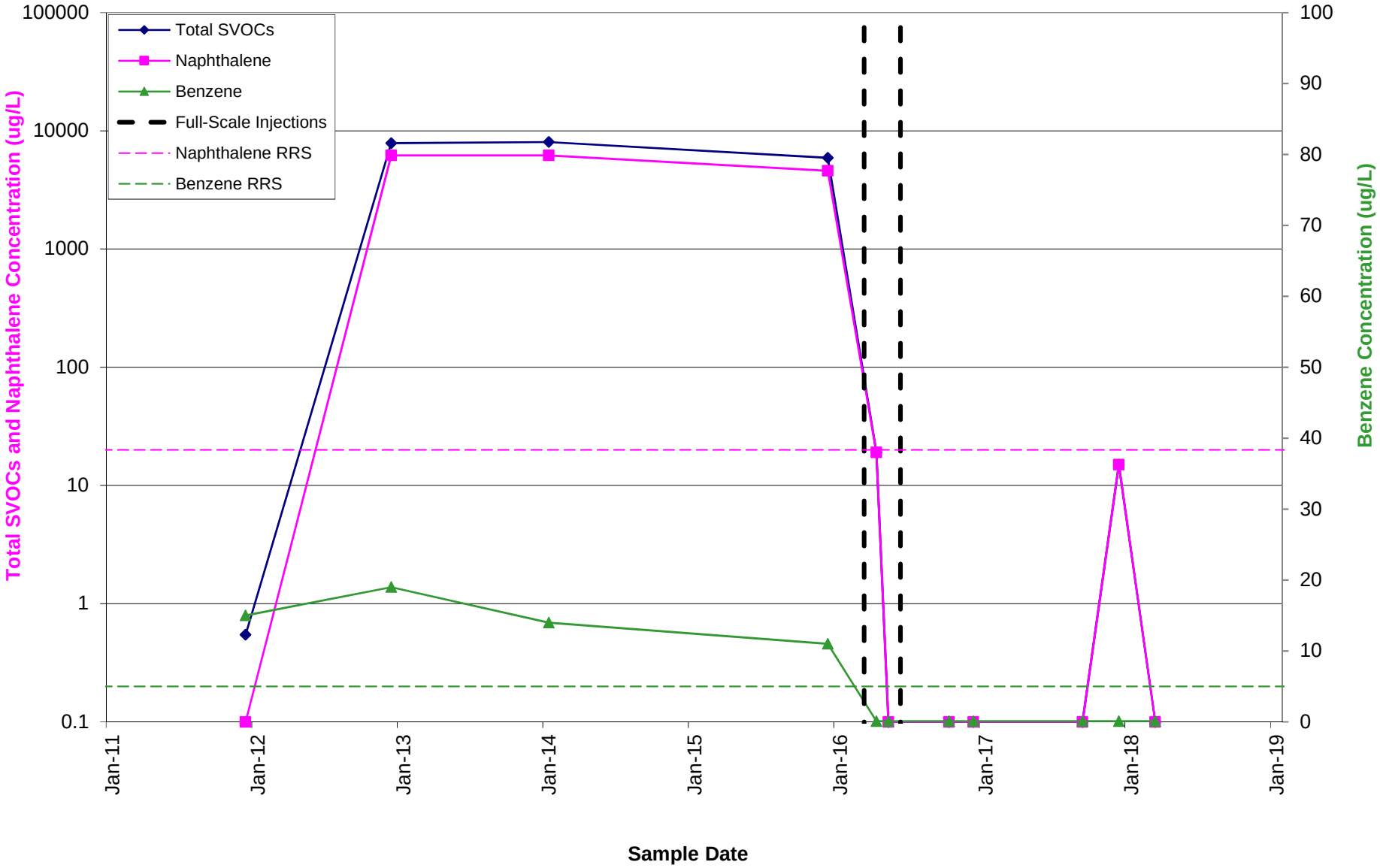
Trend Chart for Total SVOCs/Naphthalene and Benzene at GW-31I



Note: Non-detect results plotted as 0.1.

- - - Full-Scale ISCO GW Injections

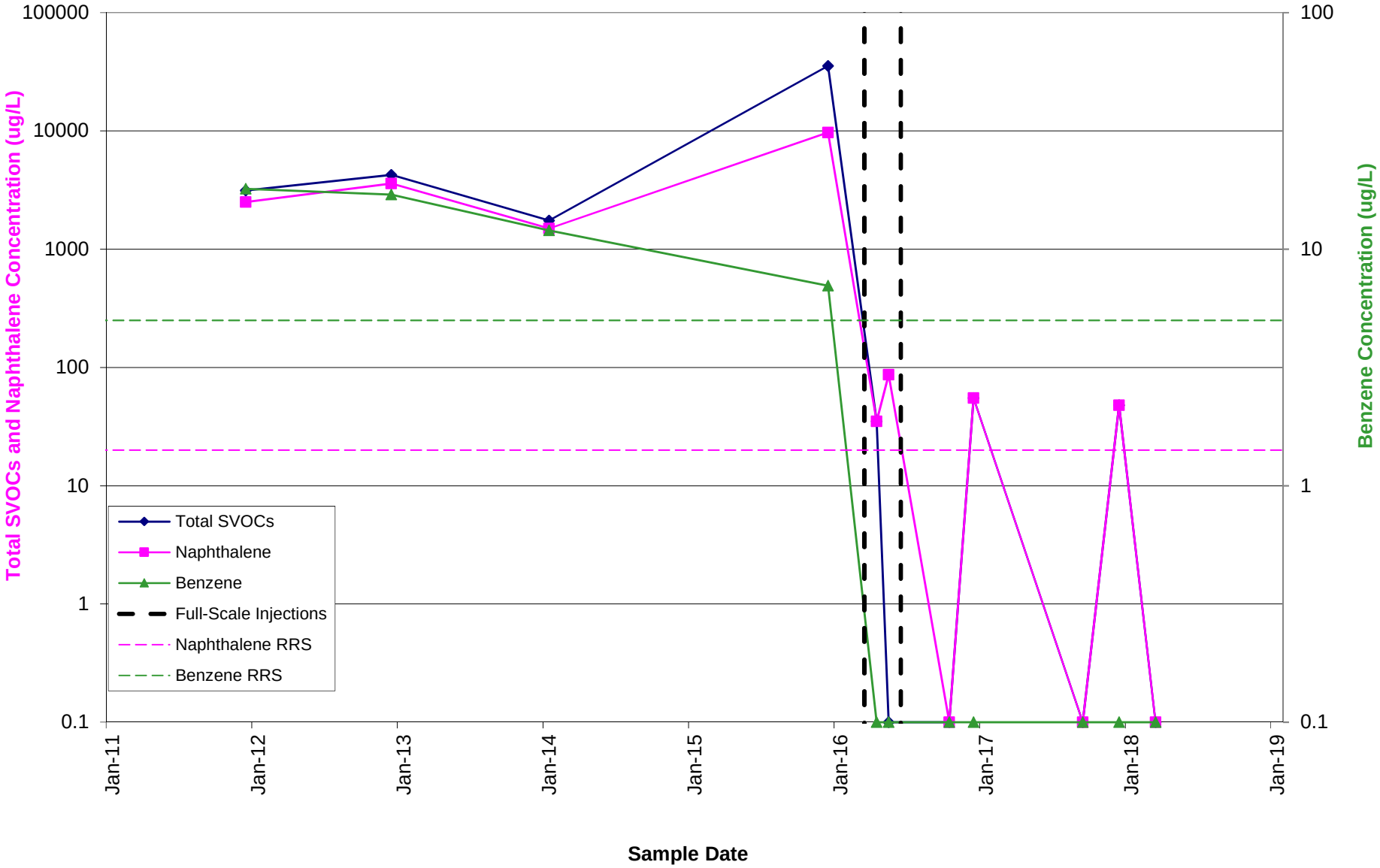
Trend Chart for Total SVOCs/Naphthalene and Benzene at GW-32I



Note: Non-detect results plotted as 0.1.

- - - Full-Scale ISCO GW Injections

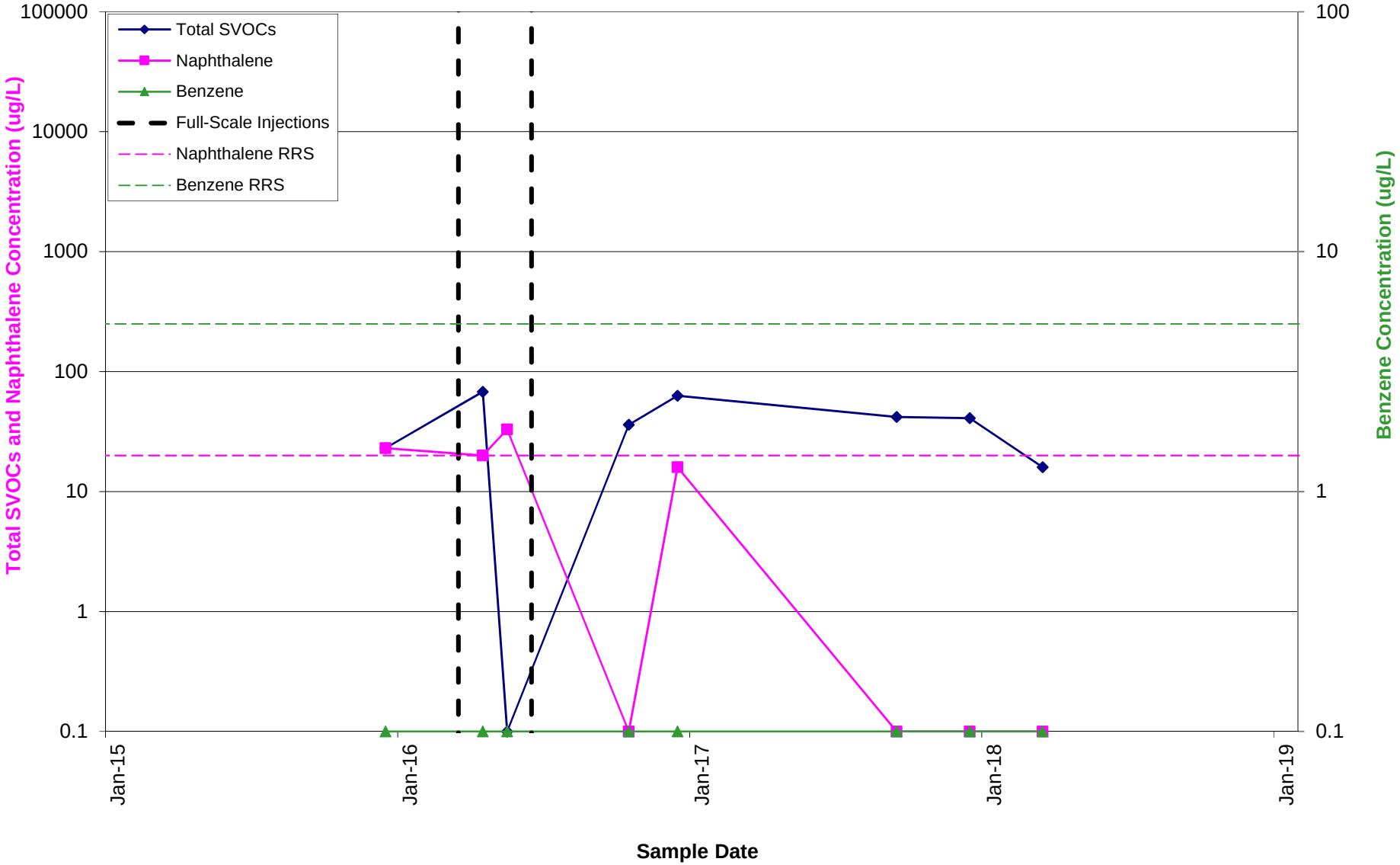
Trend Chart for Total SVOCs/Naphthalene and Benzene at GW-33I



Note: Non-detect results plotted as 0.1.

- - - Full-Scale ISCO GW Injections

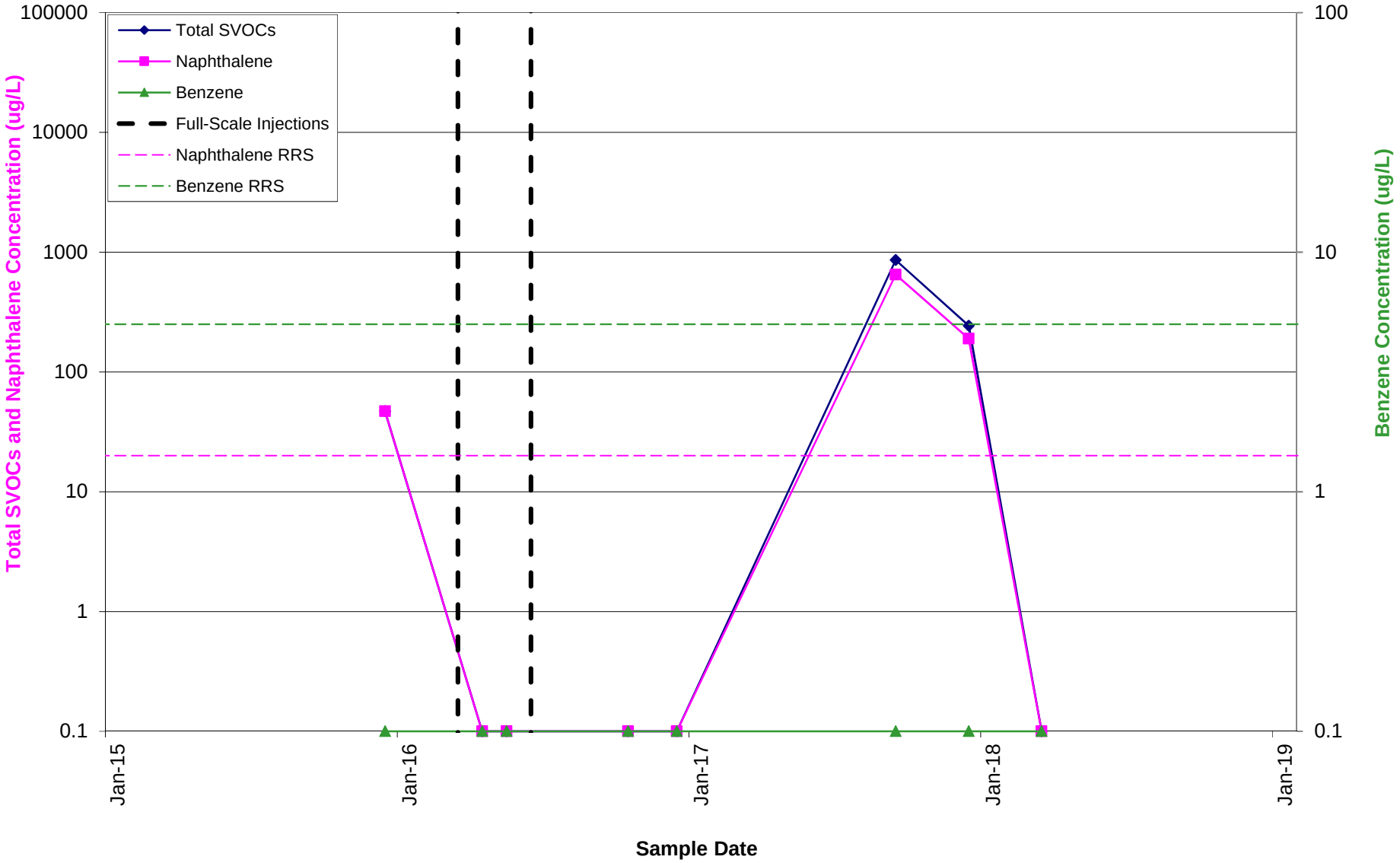
Trend Chart for Total SVOCs/Naphthalene and Benzene at GW-41S



Note: Non-detect results plotted as 0.1.

- - - Full-Scale ISCO GW Injections

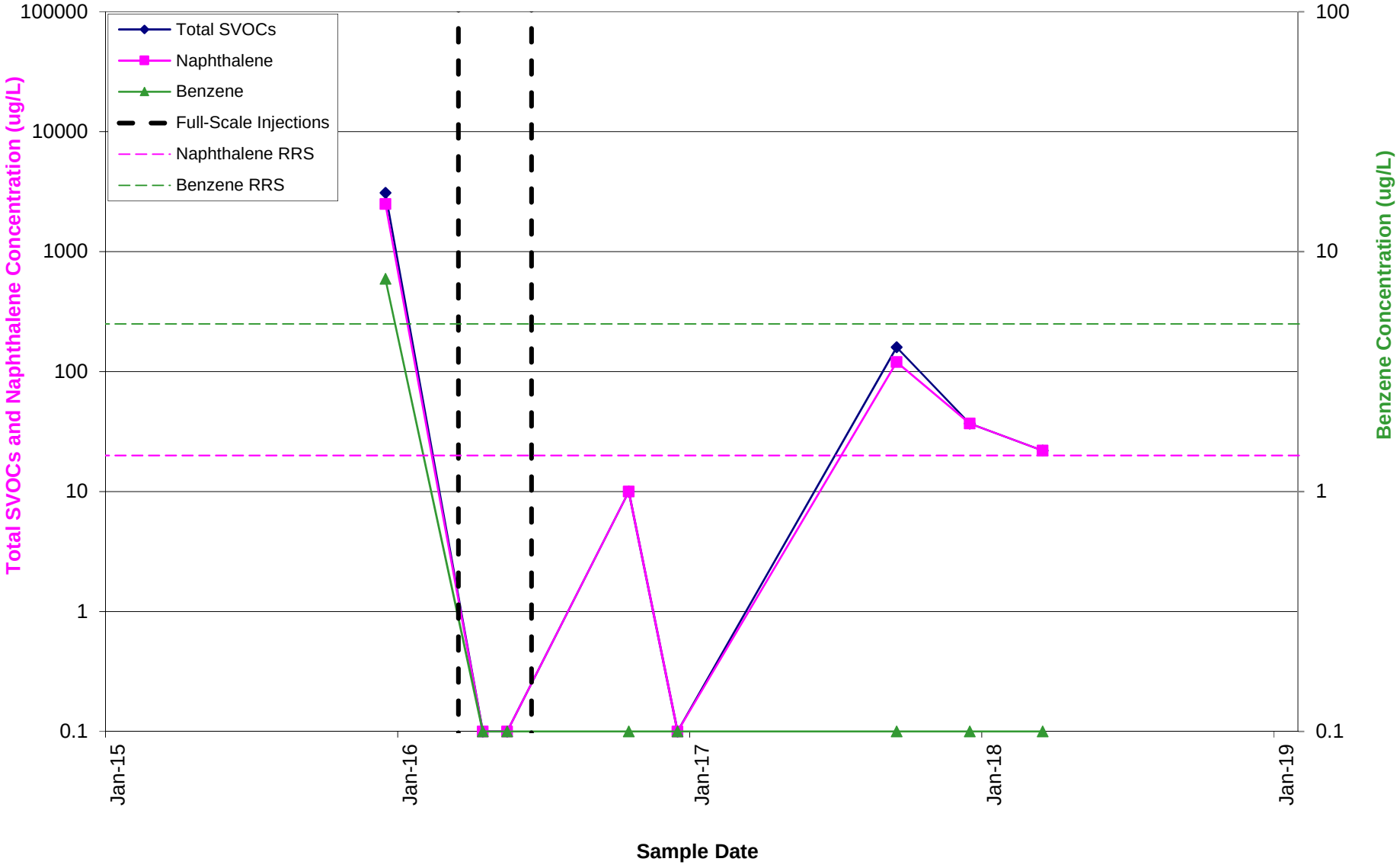
Trend Chart for Total SVOCs/Naphthalene and Benzene at GW-42I



Note: Non-detect results plotted as 0.1.

- - - Full-Scale ISCO GW Injections

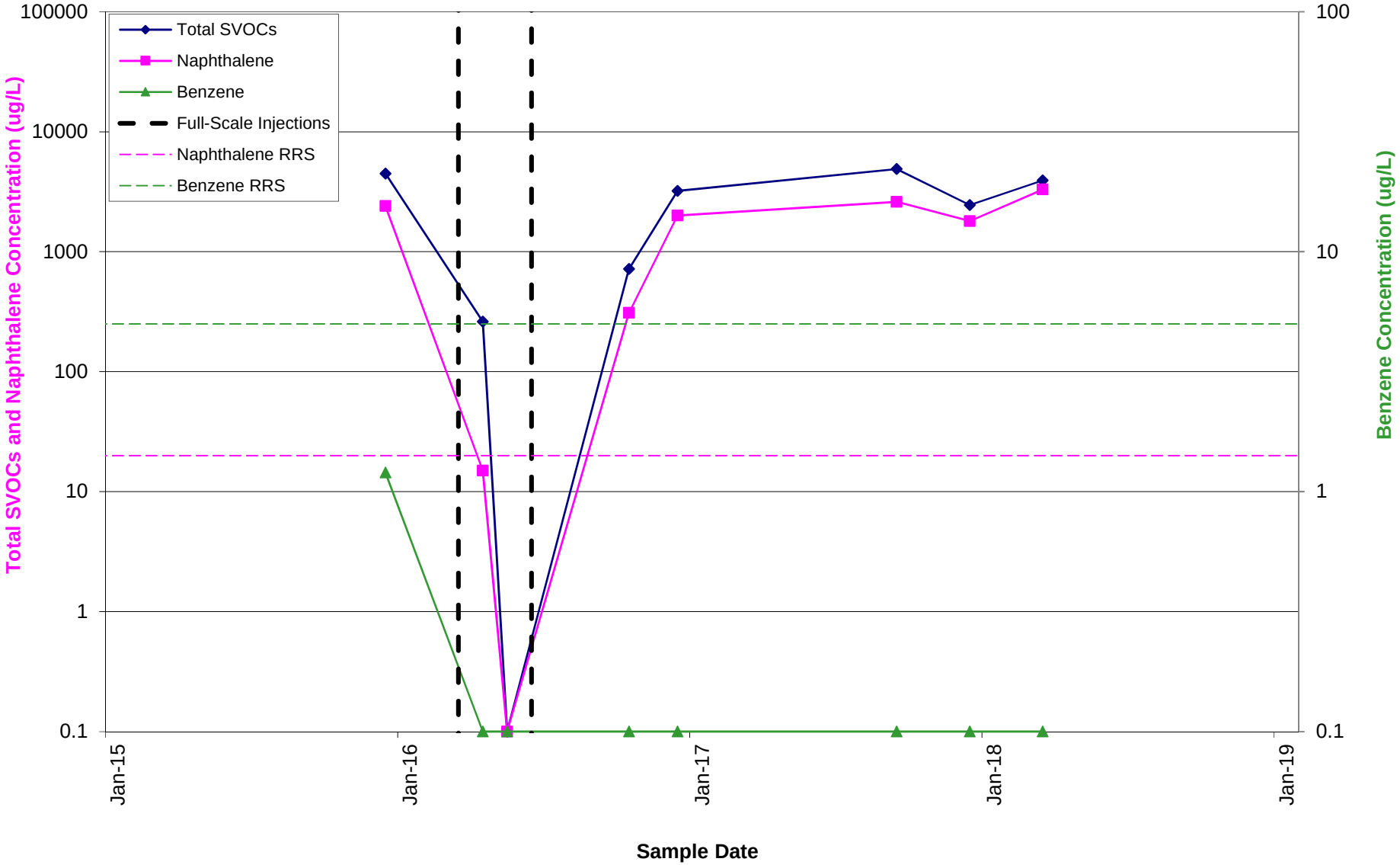
Trend Chart for Total SVOCs/Naphthalene and Benzene at GW-43I



Note: Non-detect results plotted as 0.1.

- - - Full-Scale ISCO GW Injections

Trend Chart for Total SVOCs/Naphthalene and Benzene at GW-44I



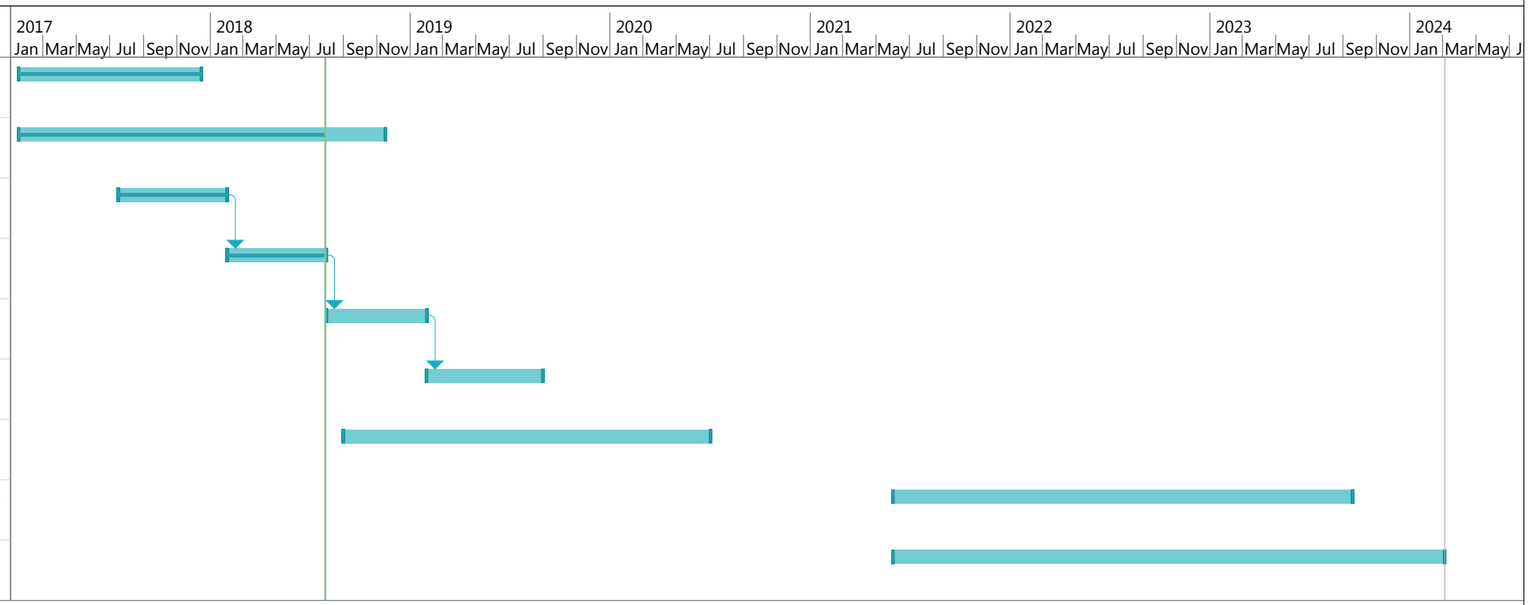
Note: Non-detect results plotted as 0.1.

- - - Full-Scale ISCO GW Injections

Appendix E
Updated Project Milestone Schedule

Projected Milestone Schedule
Former GDOT Maintenance Facility Site

ID	Task Name	Duration	Start	Finish
1	Complete Horizontal delineation of the release and associated COCs on property where access is available at the time of enrollment	12 mons	Mon 1/16/17	Fri 12/15/17
2	Complete horizontal delineation of the release and associated COCs extending onto property for which access was not available at the time of enrollment	24 mons	Mon 1/16/17	Fri 11/16/18
3	Submit 1st Semiannual VRP Progress Report	7.15 mons	Mon 7/17/17	Wed 1/31/18
4	Submit 2nd Semiannual VRP Progress Report	6.45 mons	Thu 2/1/18	Tue 7/31/18
5	Submit 3rd Semiannual VRP Progress Report	6.6 mons	Wed 8/1/18	Thu 1/31/19
6	Submit 4th Semiannual VRP Progress Report	7.65 mons	Thu 1/31/19	Sat 8/31/19
7	Environmental Covenant	24 mons	Sat 9/1/18	Thu 7/2/20
8	Corrective Action Progress Report (if necessary) Submittal	30 mons	Tue 6/1/21	Mon 9/18/23
9	Final CSR	36 mons	Tue 6/1/21	Mon 3/4/24



Project: Milestone Schedule.mp

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	