VOLUNTARY REMEDIATION PROGRAM

POST-VRP CSR ANNUAL MONITORING REPORT for 2018

Thermo King Corporation
Louisville, Jefferson County, Georgia
HSI Site No. 10702

Prepared for:

Thermo King Corporation
1430 Georgia Highway 24 East, Louisville, Georgia 30434

Date: January 31, 2019

Prepared by:
Wood Environment & Infrastructure Solutions, Inc.
1075 Big Shanty Road NW, Suite 100, Kennesaw, Georgia 30144

Project No.: 6122-09-0322

wood.

January 30, 2019

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Ms. Carolyn L. Daniels, P.G.
Georgia Environmental Protection Division
Response & Remediation Program
Land Protection Branch
2 Martin Luther King Jr. Drive, SE
Suite 1054 East Floyd Tower
Atlanta, Georgia 30334-9000

Subject: **Post-Voluntary Remediation Program-Compliance Status Report (Post-VRP CSR) 2018 Annual Monitoring Report**
Thermo King Corporation - Louisville, Jefferson County, Georgia
HSI Site No. 10702 Tax Parcel 0090-024
Wood Project 6122-09-0322

Dear Ms. Daniels:

Wood Environment & Infrastructure Solutions, Inc., on behalf of Thermo King Corporation, is hereby submitting the attached Post-VRP CSR 2018 Annual Monitoring Report for the Thermo King Corporation in Louisville, Jefferson County, Georgia (HSI Site No. 10702, Tax Parcel 0090-024). This monitoring report is to document the 2018 annual seep and surface water monitoring and inspections of the engineering controls as described in the VRP Compliance Status Report and 2018 CSR Addendum.

Sincerely,
Wood Environment & Infrastructure Solutions, Inc.

Rhonda N. Quinn, P.G.
Senior Geologist
Georgia Registration# 1031

A. David Alcott
Senior Associate Engineer
with permission by DeeAnn Plopper

Enclosure

cc: Michael Goldstein – Ingersoll Rand Company
Dave Sordi – BSI Group

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1.0 PROFESSIONAL GROUNDWATER SCIENTIST CERTIFICATION

I certify that I am a qualified ground-water scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in ground-water hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, that enable me to make sound professional judgments regarding ground-water monitoring and contaminant fate and transport. I further certify that this report was prepared by myself or by a subordinate working under my direction.

Rhonda N. Quinn, P.G.
Registered Professional Geologist
Georgia Registration P.G. #1031

1-31-19
Date

2.0 INTRODUCTION AND BACKGROUND

This Post-Voluntary Remediation Program-Compliance Status Report (Post-VRP CSR) Annual Monitoring Report, is the third report in the post-VRP CSR monitoring period. The first and second reports in the post-VRP CSR monitoring period of 2016 and 2017 were submitted on December 16, 2016 and January 31, 2018, respectively. Ten VRP Status Reports (documenting 5 years of monitoring from March 2011 through December 2015) were submitted to the Georgia Environmental Protection Division (EPD) in accordance with the Voluntary Remediation Program (VRP) for the Thermo King Corporation site, Hazardous Site Inventory (HSI) No. 10702/Tax Parcel 0090-024. This Monitoring Report covers the activities conducted from January through December 2018 and documents the monitoring and inspections described in the March 10, 2016 VRP CSR and the December 20, 2018 VRP CSR Addendum. These activities included annual seep and surface water monitoring conducted in November 2018, and the annual inspections of the rip-rap blanket and newly delineated Type 5 Risk Reduction Standard (RRS) area beneath the building floor slab and adjacent exterior area on the east side of the building.

The Thermo King Site is located at 1430 Highway 24 East in Louisville, Jefferson County, Georgia. The site soil and groundwater impacts were delineated under the Georgia Hazardous Site Response Act (HSRA) and certified to risk reduction standards. HSRA Compliance Status Reports were prepared and submitted December 17, 2003 and March 21, 2007. EPD approved the Compliance Status Report and requested a Corrective Action Plan (CAP). An initial VRP Application, dated January 29, 2010 and an Application Addendum, dated December 22, 2010, were submitted to EPD to enter the site into the VRP. The VRP Application was submitted in lieu of a HSRA CAP. The VRP Application Addendum contained a revised Voluntary Investigation and Remediation Plan (VIRP) and addressed EPD comment letters dated May 17, August 31, and October 15, 2010. On March 10, 2011, EPD approved the VIRP and accepted the Thermo King site into the VRP. Ten Status Reports were submitted to EPD covering the time period from March 2011 through December 2015. A VRP CSR was prepared and submitted to EPD on March 10, 2016.

The March 2016 VRP CSR presented data along with a fate-and-transport groundwater model to demonstrate:

- The engineering (building floor slab and rip-rap blanket) and institutional (Environmental Covenant) controls are effective in limiting exposure to VOCs in soils, groundwater and precluding the surface expression of seep waters containing constituents at concentrations above Instream Water Quality Criteria (ISWQC).
- Constituents in the Uppermost Water-Bearing Zone have not and will not impact Manson Branch at concentrations exceeding their respective ISWQC.

- Contaminant migration in the Intermediate Water-Bearing Zone will stabilize and recede before constituent concentrations exceed maximum contaminants levels (MCLs) at the property line.
- Based on the five years of monitoring and results of groundwater modeling, Thermo King requested that groundwater monitoring be discontinued and annual seep and surface water monitoring be conducted along with inspections and maintenance of the engineering controls as appropriate continuing actions to protect human health and the environment.

EPD conducted a site visit on March 29, 2016 to review the engineering controls and site conditions as part of the VRP process. An Environmental Covenant for the Thermo King property was executed on June 17, 2016.

EPD provided comments on the VRP CSR in a letter dated November 30, 2017. A response to comments was submitted to EPD on January 31, 2018 and included revised tables, figures and revised RRS certification and a proposed plan for well abandonment. On March 12, 2018, EPD issued comments on the January 31, 2018 responses and requested a Work Plan for additional soil sampling to delineate the Type 5 RRS area and a schedule for implementation of the soil investigation. A *Work Plan for Soil Investigation at the Main Building to Better Define the Type 5 Risk Reduction Standards Area* and responses to the March 12, 2018 EPD comments were prepared and submitted to EPD on April 20, 2018. EPD approved the Work Plan with comments in a letter dated May 24, 2018. The soil investigation was conducted in September 2018. The VRP CSR Addendum, dated December 20, 2018, was submitted to EPD and presented the delineation of the Type 5 RRS area inside and adjacent to the building with a revised RRS certification, and documentation of the abandonment of 21 site monitoring wells. EPD's approval and/or comments on the VRP CSR Addendum are pending.

3.0 WORK PERFORMED JANUARY TO DECEMBER 2018

The post-CSR activities currently identified to be performed at the Thermo King site are described in the VRP CSR, dated March 10, 2016 and the VRP CSR Addendum, dated December 20, 2018. Activities conducted in 2018 include post-CSR annual seep and surface water sampling and analysis, annual inspections of the engineering controls, and update of the financial assurance. These activities are described in the following sections.

3.1 Post-VRP CSR Annual Seep and Surface Water Sampling and Analysis

Per the VRP Remediation Plan (December 2010) groundwater was monitored for five years (ten monitoring events) and the results were documented in the ten Status Reports (March 2011 through December 2015). The groundwater was also monitored prior to the VRP from 2000 through 2010. The VRP and prior groundwater monitoring results, along with the fate-and-transport groundwater modeling, indicated the VOC groundwater plumes will stabilize and recede before constituent concentrations exceed MCLs at the property line. In the VRP CSR, submitted in March 2016, it was proposed that monitoring of the groundwater be discontinued and seep and surface water monitoring be conducted annually. Georgia EPD concurred with Ingersoll Rand's request to cease groundwater monitoring at the site in their November 30, 2017 comments on the VRP CSR and requested the decommissioning of existing monitoring wells. EPD approved annual seep and surface water monitoring to confirm that the rip-rap blanket is being effective in precluding the surface expression of seep waters containing constituents at concentrations above ISWQC and seep waters in uncovered seeps do not exceed ISWQC along with continued evaluation of concentration trends.

3.1.1 Seep Samples

Water samples were collected on November 26, 2018 from each of the seven seeps (Manson Branch #2 (MB#2), Seep# 2, Seep B, Seep G, Seep H, Seep I, Seep L) as listed Appendix G of the VRP CSR. Seeps MB#2 and H are encased in perforated plastic culvert-style pipes inserted over the original seep locations when the rip-rap blanket was installed in 2012. Samples of the seep water were collected by directly filling pre-cleaned and preserved sample containers with water that appeared at the ground surface. These seep samples were analyzed for site-specific VOCs and 1,4-dioxane using USEPA Method 8260B. The seep sample analytical results are summarized on Table 1; the field sampling forms and laboratory reports are provided in Appendix A. The November 2018 seep samples were analyzed by Pace Analytical Laboratory in Huntersville, North Carolina.

3.1.2 Surface Water Samples

Surface water samples were collected from Manson Branch on November 26, 2018. Surface water samples were collected from four stream locations (MB#3, MB#5, MB#15, and MB#16). Samples of the surface water were collected by submerging and directly filling the pre-cleaned and preserved

sample containers with surface water. The surface water samples were analyzed for site-specific VOCs and 1,4-dioxane using USEPA Method 8260B. The surface water sample analytical results are summarized on Table 1, and the field sampling forms and the laboratory reports are provided in Appendix A. The surface water samples were analyzed by Pace Analytical Laboratory in Huntersville, North Carolina.

3.2 Analytical Results

The following sections describe the results of the analysis of the November 2018 seep and surface water samples.

3.2.1 Seeps

Historic seep sampling results, including those collected in November 2018, are presented on Table 1. The reported November 2018 VOC concentrations in seep samples are similar to those recently reported. As noted previously, seeps H and MB#2, where at least one VOC constituent has been detected at concentrations exceeding ISWQC, are located within the limits of the area covered by rip-rap blankets. Consistent with the 2017 sampling results, the sample from Seep H exceeded Georgia ISWQC for TCE. The detected concentrations of 1,1-dichloroethene, cis-1,2-dichloroethene, chloroform, and vinyl chloride were well below their respective ISWQC, where established. With the exception of Seep H, TCE concentrations in the seep samples were less than the ISWQC. While Seep MB#2 is also located within the limits of a rip-rap blanket, the 2018 VOC concentrations in the MB#2 seep water sample were less than ISWQC. No VOCs were detected at concentrations exceeding Georgia ISWQC in seeps (Seep #2, Seeps B, G, I, and L) located outside the limits of rip-rap blankets.

Figures 2 through 7 show time trend plots of six VOCs detected in the seeps for the period from January 2012 through 2018. These figures illustrate that VOC concentrations in most seeps have been relatively stable or are decreasing. In 2017, an increase in cis-1,2-dichloroethene concentrations was observed in samples collected from Seep MB#2, Seep #2, and Seep H. These concentrations returned to previous levels in the 2018 samples.

3.2.2 Surface Water

Surface water samples were collected from the four designated sampling locations in Manson Branch (MB#3, MB#5, MB#15, and MB#16) and were analyzed for site-specific VOCs and 1,4-dioxane. These samples were collected by submerging and directly filling the pre-cleaned and preserved sample containers. Consistent with sampling results for the past 18 years, no VOC constituents were detected above laboratory reporting limits in the Manson Branch surface water samples (Table 1).

3.3 Inspections of the Engineering Controls

Two engineering control structures are used at the Thermo King site to prevent exposure to 1) soils with VOC concentrations exceeding RRSs, designated as a Type 5 RRS area, and 2) seep water with VOC concentrations exceeding ISWQC (Figure 1). The building floor slab and the pavement on the adjacent exterior area on the east side of the building are designated as an engineering control to prevent exposure to VOC-impacted soils underlying the building in the area of the former degreasers operations. The rip-rap blanket is an engineering control used to preclude the surface expression of seep waters with VOC concentrations above the ISWQC. Both structures were visually inspected during the November 2018 sampling event to evaluate if they were functioning as intended.

3.3.1 Type 5 RRS Area inside the Building Floor and Adjacent Exterior Area on East Side of Building – Engineering Control for VOC-Impacted Soils

The floor slab in the middle third of the building (Figure 1) where former degreasing operations were conducted and where VOC concentrations detected in soil exceed Types 1 through 4 Risk Reduction Standards (RRS) in some locations has been designated as a Type 5 RRS area under the VRP for this site. The September 2018 soil investigation indicated the Type 5 RRS area also extends approximately ten feet beyond the building's eastern wall. Figure 1 shows the footprint of the Type 5 RRS area. The floor slab covering the former degreaser operations area functions as a designated engineering control in preventing direct exposure to VOC concentrations in soils exceeding RRSs. The newly designated Type 5 RRS area on the adjacent exterior area on the east side of the building is paved with asphalt and some concrete and gravel.

The inspection showed that there were no openings in the floor slab that would allow for direct contact with underlying soils. In some locations of the designated Type 5 RRS area, the material filling some of the expansion joints in the building floor slab is deteriorating. Puddles of water, quarter of an inch or less in depth, caused by recent heavy rain events were observed in some locations on the floor. A previously observed, half-inch separation between the wall and the floor in a building addition area on the west side of the main building is outside of the designated Type 5 RRS area. There was no visible evidence that repairs or recent wear had occurred on the floor slab.

The newly designated Type 5 RRS area that extends out into the adjacent area on the east side of the building is paved. The inspection showed the asphalt is deteriorating with some weeds growing up through cracks in the pavement. The eastern exterior area is located inside of the fence surrounding the building such that potential access and exposure to the exterior Type 5 RRS area is restricted. The building and property are vacant and, accordingly there is no human health exposure. Repair of the exterior pavement is pending EPD's approval and/or comments on the VRP CSR Addendum submitted in December 2018.

3.3.2 Rip-Rap Blanket - Engineering Control for VOC-Impacted Seep Water

The rip-rap blanket was constructed to preclude the surface expression of seep waters with VOC concentrations above the ISWQC. The inspection showed that the rip-rap blanket is functioning as designed and that seeps with VOCs concentrations above ISWQC (Seep MB#2 and Seep H) are covered by the rip-rap. The seep water was flowing beneath the rip-rap. There is some sediment build-up upslope of the check dam that will need to be removed to the extent practical and the area covered by placement of additional rip-rap material. The rip-rap around the sampling vaults has settled, but the vaults remain in good condition and are functioning as intended. Additional rip-rap will be needed around the sampling vaults. Some vegetation (weedy vegetation and leaf litter) and tree saplings along with dead-fall trees limbs were present on the rip-rap blanket. In 2017, the rip-rap blankets were cleared of vegetation. The vegetation is not currently interfering with the function of the blanket, however, the saplings and vegetation will need to be removed to prevent future clogging of the pore spaces in the rip-rap.

As a result of surface water run-off along the side of the road that then crosses the road in a low-lying area, there is minor erosion at the end of the access road in the south side embankment area above the MB#2 rip-rap blanket area. The erosion does not interfere with the function of the blanket at this time, but will need to be repaired to limit further erosion of the access road and potentially encroaching on the rip-rap blanket. Also there are several dead trees lying across the road restricting vehicle access to the blanket. Appendix B contains the inspection checklists and photographs for the inspections.

3.4 Financial Assurance

EPD stated in their November 30, 2017 comments that based on the type of proposed future actions and the cost estimate provided in the May 1, 2017 Financial Assurance Instrument Update Letter, EPD will not require a financial assurance instrument to be maintained and Ingersoll Rand may cancel the current instrument. Thermo King/Ingersoll Rand's financial institution submitted a letter to EPD, dated March 23, 2018, notifying EPD of the cancellation of the financial assurance for the Louisville facility. On May 3, 2018, EPD notified Ingersoll Rand that the financial assurance instrument held by EPD had been returned to the financial institution and financial assurance was closed out for the site.

4.0 PLANNED 2019 ACTIVITIES

The activities planned for 2019 include sampling, inspection, and reporting conducted annually as described in the March 10, 2016 VRP CSR. Additional activities will be those conducted in response to EPD's review of December 20, 2018 VRP CSR Addendum. Specifically, it is anticipated the 2019 activities will include the following:

- Vegetation growth needs to be cleared from the rip-rap blankets. Sediment needs to be removed from the area above the check dam to the extent practical and additional rip-rap material added. Additional rip-rap also needs to be added around the sampling vault where the rip-rap has settled. Erosion on the access road needs to be addressed such that the erosion does not affect the rip-rap blanket. Dead trees blocking vehicle access on the road need to be removed. The bare spot and erosion gully on the south side embankment need to be repaired.
- Pending EPD's approval and/or comments on the VRP CSR Addendum, the condition of the pavement on the exterior Type 5 RRS area adjacent to the east side of the building will need to be addressed.
- Annual seep and surface water sampling will be conducted in November. The engineering controls (rip-rap blanket and building floor slab and exterior adjacent eastern area) will be inspected. A report or the sampling results and inspection observations will be prepared upon receipt of the analytical results.

TABLE

TABLE 1: SUMMARY OF DETECTED CONSTITUENTS IN SEEPS AND SURFACE WATER

Sample Identification		Manson Branch #1			Manson Branch #2 (MB#2)										Manson Branch #2 (MB#2)												
Sample Location		Surface water in Manson Branch south side of Hwy 24 Bridge			Seep in a Draw Down Slope of Thermo King plant building										Seep in a Draw Down Slope of Thermo King plant building												
Sample Date		5/3/2000			5/3/2000			11/2/2000	1/15/2003	3/24/2004	6/23/2004	8/31/2004	11/17/2004	2/27/2008	4/21/2010	6/2/2010	6/7/2011	1/17/2012	7/10/2012	8/7/2012	11/19/2012	1/8/2013	4/11/2013	7/10/2013	1/9/2014	6/24/2014	1/14/2015	7/9/2015	12/15/2015
Laboratory		Lancaster Labs	STL- North Canton	Savannah Labs	Lancaster Labs	STL- North Canton	Savannah Labs	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	Test America - North Canton		Test America - North Canton	Test America - Tampa	AES- Atlanta	AES- Atlanta	AES- Atlanta	AES-Atlanta	Test America - North Canton	Test America - North Canton	Test America - North Canton	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical
Constituent (ug/L)	**Georgia Instream Water Quality Criteria (µg/L)**																												
1,1,1-Trichloroethane	not established	<5.0	<5.0	<5.0	**200**	**160**	**170**	**290**	**15**	**39**	**300**	**1900**	**320**	**8.4**		**61**	**21**	**13**	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	16	<5.0	<5.0	<5.0	<5.0	<17	<5.0	<25.0	<4.0	<6.7	<250	<620	<190	<5.0		<50	**1.2**	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7100	<5.0	<5.0	<5.0	**69**	**50**	**52**	**97**	**12**	**24**	<250	**1000**	**210**	**11**		**160**	**50**	**53**	**7.3**	**1.4**	**20**	**17**	**14**	**1.3**	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	not established	<5.0	<5.0	<5.0	<5.0	<17	<5.0	<25.0	<4.0	<6.7	<250	<620	<190	<5.0		<50	**1.5**	**1.5**	**2.5**	**4.4**	**6.9**	**8.2**	**8.7**	**3.1**	**2.4**	**4.7**	**3.2**	**2.2**	**3.1**
1,4-Dioxane	not established	<250	<250	NA	<250	<830	NA	<1200	<200	<330	<12000	<31000	<9600	<250		<2500	NA	<100	<100	<100	NA	<250	<50	<50	<150	<150	<150	<150	<150
Bromomethane	1500	<5.0	<10.0	<5.0	<5.0	<10.0	<5.0	<25.0	<4.0	<6.7	<250	<620	<190	<10.0		<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<2.0	**2**	<2.0	<2.0	<2.0
Chloroethane	not established	<5.0	<10.0	<5.0	<5.0	<33	<5.0	<25.0	<4.0	<6.7	<250	<620	<190	<10.0		<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**3.8**	**1.3**	<1.0	**1.8**	<1.0	<1.0	<1.0
Chloroform	470	<5.0	<5.0	<5.0	<5.0	<17	<5.0	<25.0	<4.0	<6.7	<250	<620	<190	<5.0		<50	**1.5**	**1.3**	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	not established	<5.0	<10.0	<5.0	<5.0	<33	<5.0	<25.0	<4.0	<6.7	<250	<620	<190	<10.0		<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	not established	<5.0	<2.5	<5.0	**36**	**30**	**27**	**59**	**36**	**61**	<250	<620	<190	**89**	DRY	**180**	**70**	**85**	**95**	**46**	**170**	**170**	**130**	**18**	**6.5**	**12.2**	**3.8**	**3.3**	**6.8**
Ethylbenzene	2100	<5.0	<5.0	<5.0	<5.0	<17	<5.0	<25.0	<4.0	<6.7	<250	<620	<190	<5.0	not sampled	<50	<1.0	<1.0	**4.6**	**13**	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	not established	<5.0	<5.0	<5.0	<5.0	<17	<5.0	<25.0	NA	NA	NA	NA	NA	<5.0		<50	<1.0	<1.0	**5.0**	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	5980	<5.0	<5.0	<5.0	<5.0	<17	<5.0	<25.0	<4.0	<6.7	<250	<620	<190	<5.0		<50	**2.5**	<1.0	**180**	**22**	<1.0	<5.0	<1.0	<1.0	<1.0	**5.1**	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	10000	<5.0	<2.5	<5.0	<5.0	<8.3	<5.0	<12	<2.0	<6.7	<250	<620	<190	<2.5		<50	<1.0	<1.0	<1.0	**2.3**	**2.2**	<5.0	**2.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	30	<5.0	<5.0	<5.0	**490**	**460**	**440**	**720**	**120**	**210**	**1300**	**4400**	**930**	**310**		**1700**	**280**	**340**	**16**	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2.4	<2.0	<5.0	<5.0	<2.0	<6.7	<2.0	<10.0	<4.0	<6.7	<100	<250	<77	<4.0		<50	**2.5**	**2.5**	**20**	**9.3**	**84**	**71**	**81**	**21**	**13.8**	**31**	**15**	**12.4**	**30.6**
1,4-Dioxane - Selective Ion Monitoring SW8260B	not established	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	<20	NA	NA	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	0

TABLE 1: SUMMARY OF DETECTED CONSTITUENTS IN SEEPS AND SURFACE WATER

Sample Identification		Manson Branch #2 (MB#2)			Manson Branch #3 (MB#3)														Manson Branch #4	Manson Branch #5 (MB#5)								
Sample Location		Seep in a Draw Down Slope of Thermo King plant building			Surface water in Manson Branch located 500 ft downstream of Hwy 24														Surface water in Manson Branch located 700 ft downstream of Hwy 24	Surface water in Manson Branch located 900 ft downstream of Hwy 24								
Sample Date		11/17/2016	11/13/2017	11/26/2018	6/7/2000	6/7/2011	1/17/2012	7/10/2012	1/8/2013	7/10/2013	1/9/2014	6/24/2014	1/14/2015	7/10/2015	12/16/2015	11/17/2016	11/13/2017	11/26/2018	6/7/2000	6/7/2000	6/7/2011	1/17/2012	7/10/2012	1/8/2013	7/10/2013	1/9/2014	6/24/2014	1/14/2015
Laboratory		Pace Analytical	Pace Analytical	Pace Analytical	STL- North Canton	Test America - Tampa	AES-Atlanta	AES-Atlanta	Test America - North Canton	Test America - North Canton	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	STL- North Canton	STL- North Canton	Test America - Tampa	AES-Atlanta	AES-Atlanta	Test America - North Canton	Test America - North Canton	Pace Analytical	Pace Analytical	Pace Analytical
Constituent (ug/L)	**Georgia Instream Water Quality Criteria (µg/L)**																											
1,1,1-Trichloroethane	not established	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	16	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7100	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	not established	**1.6**	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dioxane	not established	<150	<150	<150	<250	NA	<100	<100	<50	<50	<150	<150	<150	<150	<150	<150	<150	<150	<250	<250	NA	<100	<100	<50	<50	<150	<150	<150
Bromomethane	1500	<2.0	<2.0	<2.0	<10.0	<5.0	<5.0	<5.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<10.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<2.0	<2.0
Chloroethane	not established	<1.0	<1.0	<1.0	<10.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	470	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	not established	<1.0	<1.0	<1.0	<10.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	not established	**5.9**	**14.3**	<1.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.5	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	2100	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	not established	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	5980	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	10000	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.5	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	30	<1.0	**5.2**	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2.4	**18.1**	**6.3**	**2.0**	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dioxane - Selective Ion Monitoring SW8260B	not established	NA	NA	NA	NA	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.0	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1: SUMMARY OF DETECTED CONSTITUENTS IN SEEPS AND SURFACE WATER

Sample Identification		Manson Branch #5 (MB#5)					Manson Branch #6	Manson Branch #7	Manson Branch #8	Manson Branch #9	Manson Branch #10	Manson Branch #11	Manson Branch #12	Manson Branch #14			Manson Branch #15 (MB#15)											
Sample Location		Surface water in Manson Branch located 900 ft downstream of Hwy 24					Surface water in Manson Branch located 1100 ft downstream of Hwy 24	Surface water in Manson Branch located 1300 ft downstream of Hwy 24	Surface water in Manson Branch located 1575 ft downstream of Hwy 24	Surface water in Manson Branch located 2900 ft upstream of Hwy 17	Surface water in Manson Branch located 2100 ft upstream of Hwy 17	Surface water in Manson Branch located 1200 ft upstream of Hwy 17	Surface water in Manson Branch located at Hwy 17 bridge	Surface water in Manson Branch located at Hwy 24 bridge			Surface water in Manson Branch located about 450 ft downstream of Hwy 24 bridge											
Sample Date		7/10/2015	12/16/2015	11/17/2016	11/13/2017	11/26/2018	6/7/2000	6/7/2000	6/7/2000	6/6/2000	6/6/2000	6/6/2000	6/6/2000	1/15/2003	2/26/2008	4/22/2010	1/15/2003	2/27/2008	4/21/2010	6/7/2011	1/17/2012	7/10/2012	1/8/2013	7/10/2013	1/9/2014	6/24/2014	1/14/2015	7/10/2015
Laboratory		Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	Test America - North Canton	Test America - North Canton	STL- North Canton	Test America - North Canton	Test America - North Canton	Test America - North Canton	AES- Atlanta	AES- Atlanta	Test America - North Canton	Test America - North Canton	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical
Constituent (ug/L)	**Georgia Instream Water Quality Criteria (µg/L)**																										
1,1,1-Trichloroethane	not established	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	16	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7100	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	not established	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dioxane	not established	<150	<150	<150	<150	<150	<250	<250	<250	<250	<250	<250	<250	<200	<250	<250	<200	<250	<250	NA	<100	<100	<50	<50	<150	<150	<150	<150
Bromomethane	1500	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<1.0	<10.0	<10.0	<1.0	<10.0	<10.0	<5.0	<5.0	<5.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0
Chloroethane	not established	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<1.0	<10.0	<10.0	<1.0	<10.0	<10.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	470	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	not established	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	not established	<1.0	<1.0	<1.0	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<0.50	<2.5	<2.5	<0.50	<2.5	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	2100	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	not established	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	5980	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	10000	<1.0	<1.0	<1.0	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<0.50	<2.5	<2.5	<0.50	<2.5	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	30	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<2.0	<2.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dioxane - Selective Ion Monitoring SW8260B	not established	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.0	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1: SUMMARY OF DETECTED CONSTITUENTS IN SEEPS AND SURFACE WATER

Sample Identification		Manson Branch #15 (MB#15)				Manson Branch #16 (MB#16)															Manson Branch Seep West #2 (Seep #2)				
Sample Location		Surface water in Manson Branch located about 450 ft downstream of Hwy 24 bridge				Surface water in Manson Branch located about 700 ft downstream of Hwy 24 bridge, opposite side of stream from wells MW-16/MW-18															Seep Located 350 ft downstream of Hwy 24 on the west bank				
Sample Date		12/16/2015	11/17/2016	11/13/2017	11/26/2018	1/15/2003	2/27/2008	4/21/2010	6/7/2011	1/17/2012	7/10/2012	1/8/2013	7/10/2013	1/9/2014	6/27/2014	1/14/2015	7/10/2015	12/15/2015	11/17/2016	11/13/2017	11/26/2018	6/7/2000	11/2/2000	1/15/2003	3/24/2004	6/23/2004
Laboratory		Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	STL- North Canton	Test America - North Canton	Test America - North Canton	Test America - Tampa	AES-Atlanta		Test America - North Canton	Test America - North Canton	Pace Analytical		Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton
Constituent (ug/L)	**Georgia Instream Water Quality Criteria (µg/L)**																									
1,1,1-Trichloroethane	not established	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0
1,1,2-Trichloroethane	16	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0
1,1-Dichloroethene	7100	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0
1,1-Dichloroethane	not established	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0
1,4-Dioxane	not established	<150	<150	<150	<150	<200	<250	<250	NA	<100		<50	<50	<150		<150	<150	<150	<150	<150	<150	<250	<250	<200	<250	<250
Bromomethane	1500	<2.0	<2.0	<2.0	<2.0	<1.0	<10.0	<10.0	<5.0	<5.0		<1.0	<1.0	<2.0		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<10.0	<1.0	<5.0	<5.0
Chloroethane	not established	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<5.0		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<5.0	<1.0	<5.0	<5.0
Chloroform	470	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0
Chloromethane	not established	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<5.0		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<5.0	<1.0	<5.0	<5.0
cis-1,2-Dichloroethene	not established	<1.0	<1.0	<1.0	<1.0	<0.50	<2.5	<2.5	<1.0	<1.0	DRY	<1.0	<1.0	<1.0	DRY	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.8**	**7.9**	<0.50	<5.0	<5.0
Ethylbenzene	2100	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0
p-Isopropyltoluene	not established	<1.0	<1.0	<1.0	<1.0	NA	<5.0	<5.0	<1.0	<1.0	not sampled	<1.0	<1.0	<1.0	not sampled	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	NA	NA	NA
Toluene	5980	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0
trans-1,2-Dichloroethene	10000	<1.0	<1.0	<1.0	<1.0	<0.50	<2.5	<2.5	<1.0	<1.0		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.5	<2.5	<0.50	<5.0	<5.0
Trichloroethene	30	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	**5.4**	<1.0	<5.0	<5.0
Vinyl Chloride	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0		<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<2.0	<2.0
1,4-Dioxane - Selective Ion Monitoring SW8260B	not established	NA	NA	NA	NA	NA	NA	NA	<2.0	NA		NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1: SUMMARY OF DETECTED CONSTITUENTS IN SEEPS AND SURFACE WATER

Sample Identification		Manson Branch Seep West #2 (Seep #2)								Manson Branch Seep West #2 (Seep #2)												Seep A						
Sample Location		Seep Located 350 ft downstream of Hwy 24 on the west bank								Seep Located 350 ft downstream of Hwy 24 on the west bank												Northeast CornerThermo King Eastern Parcel						
Sample Date		8/30/2004	11/17/2004	2/27/2008	4/21/2010	6/7/2011	1/17/2012	7/10/2012	8/7/2012	11/19/2012	1/8/2013	4/11/2013	7/10/2013	1/9/2014	6/24/2014	1/14/2015	7/9/2015	12/15/2015	11/17/2016	11/13/2017	11/26/2018	1/15/2003	3/24/2004	6/23/2004	8/31/2004	11/17/2004	2/26/2008	4/21/2010
Laboratory		STL- North Canton	STL- North Canton	Test America - North Canton	Test America - North Canton	Test America - Tampa	AES-Atlanta	AES-Atlanta	AES-Atlanta	AES-Atlanta	Test America - North Canton	Test America - North Canton	Test America - North Canton	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	STL- North Canton		STL- North Canton	STL- North Canton		Test America - North Canton	
Constituent (ug/L)	**Georgia Instream Water Quality Criteria (µg/L)**																											
1,1,1-Trichloroethane	not established	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5.0		<5.0	
1,1,2-Trichloroethane	16	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5.0		<5.0	
1,1-Dichloroethene	7100	<5.0	<5.0	<5.0	<5.0	<1.0	**1.7**	<1.0	<1.0	**3.7**	**4.6**	**3.1**	**1.2**	<1.0	<1.0	<1.0	<1.0	**1.0**	<1.0	**1.1**	<1.0		<5.0	<5.0		<5.0	
1,1-Dichloroethane	not established	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5.0		<5.0	
1,4-Dioxane	not established	<250	<250	<250	<250	NA	<100	<100	<100	NA	<50	<50	<50	<150	<150	<150	<150	<150	<150	<150	<200		<250	<250		<250	
Bromomethane	1500	<5.0	<5.0	<10.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0		<5.0	<5.0		<10.0	
Chloroethane	not established	<5.0	<5.0	<10.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5.0		<10.0	
Chloroform	470	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5.0		<5.0	
Chloromethane	not established	<5.0	<5.0	<10.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5.0		<10.0	
cis-1,2-Dichloroethene	not established	<5.0	<5.0	<2.5	<2.5	**4.4**	**5.7**	**4.0**	**8.2**	**23**	**21**	**18**	**11**	**3**	**7.1**	**3.9**	**13.4**	**8.1**	**6.6**	**15.3**	**7.2**	<0.50	DRY	<5.0	<5.0	DRY	<2.5	DRY
Ethylbenzene	2100	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	not sampled	<5.0	<5.0	not sampled	<5.0	not sampled
p-Isopropyltoluene	not established	NA	NA	<5.0	<5.0	**4.5**	<1.0	<1.0	<1.0	**2.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA		NA	NA		<5.0	
Toluene	5980	<5.0	<5.0	<5.0	<5.0	**2.0**	<1.0	**33**	**26**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5.0		<5.0	
trans-1,2-Dichloroethene	10000	<5.0	<5.0	<2.5	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50		<5.0	<5.0		<2.5	
Trichloroethene	30	<5.0	<5.0	<5.0	<5.0	<1.0	**7.4**	<1.0	**1.4**	**23**	**26**	**13**	**4.5**	**2.5**	**1.7**	**6.1**	**1.0**	**6.9**	**3.2**	**2.8**	**8.8**	<1.0		<5.0	<5.0		<5.0	
Vinyl Chloride	2.4	<2.0	<2.0	<2.0	<2.0	**1.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<2.0	<2.0		<2.0	
1,4-Dioxane - Selective Ion Monitoring SW8260B	not established	NA	NA	NA	NA	<2.0	NA	NA	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA		NA	

TABLE 1: SUMMARY OF DETECTED CONSTITUENTS IN SEEPS AND SURFACE WATER

Sample Identification		Seep B												Seep B										
Sample Location		Thermo King Eastern Parcel												Thermo King Eastern Parcel										
Sample Date		1/15/2003	3/24/2004	6/23/2004	8/30/2004	11/17/2004	2/27/2008	4/21/2010	6/3/2010	June 2011	1/17/2012	7/10/2012	8/7/2012	11/19/2012	1/8/2013	4/11/2013	7/10/2013	1/9/2014	6/24/2014	1/14/2015	7/9/2015	12/15/2015	11/17/2016 and 11/13/2017	11/26/2018
Laboratory		STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	Test America - North Canton				AES-Atlanta			AES-Atlanta	Test America - North Canton	Test America - North Canton	Test America - North Canton	Pace Analytical		Pace Analytical		Pace Analytical		Pace Analytical
Constituent (ug/L)	Georgia Instream Water Quality Criteria (µg/L)																							
1,1,1-Trichloroethane	not established	<1.0	<5.0	<5.0	<5.0	**10**	<5.0				<1.0			<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0		<1.0
1,1,2-Trichloroethane	16	<1.0	<5.0	<5.0	<5.0	<8.4	<5.0				<1.0			<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0		<1.0
1,1-Dichloroethene	7100	<1.0	<5.0	<5.0	<5.0	<8.4	<5.0				<1.0			<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0		<1.0
1,1-Dichloroethane	not established	<1.0	<5.0	<5.0	<5.0	<8.4	<5.0				<1.0			<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0		<1.0
1,4-Dioxane	not established	<200	<250	<250	<250	<420	<250				<100			NA	<50	<50	<50	<150		<150		<150		<150
Bromomethane	1500	<1.0	<5.0	<5.0	<5.0	<8.4	<10.0				<5.0			<5.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0		<1.0
Chloroethane	not established	<1.0	<5.0	<5.0	<5.0	<8.4	<10.0				<5.0			<5.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0		<1.0
Chloroform	470	<1.0	<5.0	<5.0	<5.0	<8.4	<5.0				<1.0			<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0		<1.0
Chloromethane	not established	<1.0	<5.0	<5.0	<5.0	<8.4	<10.0				<5.0			<5.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0		<1.0
cis-1,2-Dichloroethene	not established	<0.50	<5.0	<5.0	<5.0	**16**	<2.5	DRY	DRY	DRY	<1.0	DRY	DRY	<1.0	<1.0	**27**	**5.2**	**3**	DRY	**9.3**	DRY	**7.9**	DRY	<1.0
Ethylbenzene	2100	<1.0	<5.0	<5.0	<5.0	<8.4	<5.0	not sampled	not sampled	not sampled	<1.0	not sampled	not sampled	<1.0	<1.0	<1.0	<1.0	<1.0	not sampled	<1.0	not sampled	<1.0	not sampled	<1.0
p-Isopropyltoluene	not established	NA	NA	NA	NA	NA	<5.0				<1.0			<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0		<1.0
Toluene	5980	<1.0	<5.0	<5.0	<5.0	<8.4	<5.0				<1.0			<1.0	<1.0	**12**	**1.5**	<1.0		<1.0		**1.7**		<1.0
trans-1,2-Dichloroethene	10000	<0.50	<5.0	<5.0	<5.0	<8.4	<2.5				<1.0			<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0		<1.0
Trichloroethene	30	<1.0	<5.0	<5.0	<5.0	**41**	<5.0				**2.9**			<1.0	<1.0	**6.3**	**1.2**	**1.4**		**2**		**1.5**		<1.0
Vinyl Chloride	2.4	<1.0	<2.0	<2.0	<2.0	<3.3	<2.0				<1.0			<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0		<1.0
1,4-Dioxane - Selective Ion Monitoring SW8260B	not established	NA	NA	NA	NA	NA	NA				NA			<5.0	NA	NA	NA	NA		NA		NA		NA

TABLE 1: SUMMARY OF DETECTED CONSTITUENTS IN SEEPS AND SURFACE WATER

Sample Identification		**Seep C**												**Seep D**						
Sample Location		**Thermo King Eastern Parcel, down slope of the draw**												**Thermo King Eastern Parcel**						
Sample Date		**1/15/2003**	**3/24/2004**	**6/23/2004**	**8/31/2004**	**11/17/2004**	**2/27/2008**	**4/21/2010**	**6/2/2010**	**6/7/2011**	**1/17/2012**	**7/10/2012 (not sampled at Seep C location)**	**8/7/2012**	**1/15/2003**	**3/24/2004**	**6/23/2004**	**8/31/2004**	**11/17/2004**	**2/27/2008**	**4/21/2010**
Laboratory		**STL- North Canton**	**STL- North Canton**	**STL- North Canton**	**STL- North Canton**	**STL- North Canton**	**Test America - North Canton**	**Test America - North Canton**	**Test America - North Canton**	**Test America - Tampa**	**AES-Atlanta**	**AES-Atlanta**		**STL- North Canton**	**STL- North Canton**	**STL- North Canton**	**STL- North Canton**	**STL- North Canton**	**Test America - North Canton**	**Test America - North Canton**
Constituent (ug/L)	**Georgia Instream Water Quality Criteria (µg/L)**																			
1,1,1-Trichloroethane	not established	**120**	<140	<5.0	**380**	**380**	**49**	**28**	NA	**32**	**32**	<1.0		<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane	16	<25	<140	<5.0	<310	<190	<10.0	<12	NA	**1.0**	<1.0	<1.0		<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	7100	**110**	<140	<5.0	<310	**240**	**99**	**64**	NA	**87**	**140**	**1.8**	Seep C	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	not established	<25	<140	<5.0	<310	<190	<10.0	<12	NA	<1.0	**4.0**	**7.3**	covered	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dioxane	not established	<1200	<7100	<250	<16000	<9600	<500	<620	NA	NA	<100	<100	with	<200	<250	<250	<250	<250	<250	<250
Bromomethane	1500	<1.0	<140	<5.0	<310	<190	<20.0	<25	NA	<5.0	<5.0	<5.0	rip-rap	<1.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0
Chloroethane	not established	<25	<140	<5.0	<310	<190	<20.0	<25	NA	<5.0	<5.0	<5.0	and is no	<1.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0
Chloroform	470	<25	<140	<5.0	<310	<190	<10.0	<12	NA	**2.3**	**2.5**	<1.0	longer	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	not established	<25	<140	<5.0	<310	<190	<20.0	<25	NA	<5.0	<5.0	<5.0	sampled	<1.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0
cis-1,2-Dichloroethene	not established	**13**	<140	<5.0	<310	<190	**11**	**12**	NA	**19**	**130**	**32**		<0.50	<5.0	<5.0	<5.0	<5.0	<2.5	<2.5
Ethylbenzene	2100	<25	<140	<5.0	<310	<190	<10.0	<12	NA	<1.0	<1.0	**25**		<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
p-Isopropyltoluene	not established	NA	NA	NA	NA	NA	<10.0	<12	NA	<1.0	<1.0	<1.0		NA	NA	NA	NA	NA	<5.0	<5.0
Toluene	5980	<25	<140	<5.0	<310	<190	<10.0	<12	NA	<1.0	<1.0	**180**		<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
trans-1,2-Dichloroethene	10000	<12	<140	<5.0	<310	<190	<5.0	<12	NA	<1.0	<1.0	<1.0		<0.50	<5.0	<5.0	<5.0	<5.0	<2.5	<2.5
Trichloroethene	30	**840**	**720**	<5.0	**1300**	**1000**	**670**	**500**	NA	**530**	**880**	<1.0		<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride	2.4	<25	<57	<2.0	<120	<77	<10.0	<12	NA	<1.0	**11**	**14**		<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,4-Dioxane - Selective Ion Monitoring SW8260B	not established	NA	NA	NA	NA	NA	NA	NA	<5.0	<20	NA	NA		NA	NA	NA	NA	NA	NA	NA

TABLE 1: SUMMARY OF DETECTED CONSTITUENTS IN SEEPS AND SURFACE WATER

Sample Identification		Seep G												Seep G									
Sample Location		Thermo King Eastern Parcel												Thermo King Eastern Parcel									
Sample Date		1/15/2003	3/24/2004	6/23/2004	8/31/2004	11/17/2004	2/26/2008	4/21/2010	June 2011	1/17/2012	7/10/2012	8/7/2012	11/19/2012	1/8/2013	4/11/2013	7/10/2013	1/9/2014	6/24/2014	1/14/2015	7/9/2015	12/15/2015	11/17/2016	11/13/2017	11/26/2018
Laboratory		STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	Test America - North Canton	Test America - North Canton		AES-Atlanta	AES-Atlanta	AES-Atlanta	AES-Atlanta	Test America - North Canton	Test America - North Canton	Test America - North Canton	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical
Constituent (ug/L)	**Georgia Instream Water Quality Criteria (µg/L)**																							
1,1,1-Trichloroethane	not established	<1.0	<5.0	<5.0	<7.2	<5.0	<5.0	<5.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	16	<1.0	<5.0	<5.0	<7.2	<5.0	<5.0	<5.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7100	<1.0	<5.0	<5.0	<7.2	<5.0	<5.0	<5.0		**1.9**	**5.2**	<1.0	<1.0	**2.2**	**1.7**	<1.0	<1.0	**1.6**	**1.5**	**2.4**	**1.2**	**1.6**	<1.0	<1.0
1,1-Dichloroethane	not established	<1.0	<5.0	<5.0	<7.2	<5.0	<5.0	<5.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dioxane	not established	<200	<250	<250	<360	<250	<250	<250		<100	<100	<100	NA	<50	<50	<50	<150	<150	<150	<150	<150	<150	<150	<150
Bromomethane	1500	<1.0	<5.0	<5.0	<7.2	<5.0	<10.0	<10.0		<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0
Chloroethane	not established	<1.0	<5.0	<5.0	<7.2	<5.0	<10.0	<10.0		<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	470	<1.0	<5.0	<5.0	<7.2	<5.0	<5.0	<5.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	not established	<1.0	<5.0	<5.0	<7.2	<5.0	<10.0	<10.0		<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.20J	<1.0	<1.0	**1.7**	<1.0
cis-1,2-Dichloroethene	not established	**0.73**	**13**	**9.3**	<7.2	<5.0	<2.5	**7.7**	DRY	**7.4**	**49**	**6.2**	**7.6**	**11**	**9.7**	**6.4**	**3.2**	**11**	**9.6**	**20.2**	**11**	**12.7**	**2.0**	**8.1**
Ethylbenzene	2100	<1.0	<5.0	<5.0	<7.2	<5.0	<5.0	<5.0	not sampled	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	not established	NA	NA	NA	NA	NA	<5.0	<5.0		<1.0	<1.0	<1.0	**2.6**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.4**	<1.0	<1.0
Toluene	5980	<1.0	<5.0	<5.0	<7.2	<5.0	<5.0	<5.0		<1.0	**6.4**	**2.4**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	10000	<0.50	<5.0	<5.0	<7.2	<5.0	<2.5	<2.5		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	30	<1.0	<5.0	<5.0	<7.2	<5.0	<5.0	**7.8**		**2.6**	<1.0	<1.0	**3.8**	**4.8**	**7.0**	<1.0	<1.0	<1.0	**2.4**	<1.0	<1.0	**2.0**	<1.0	**1.5**
Vinyl Chloride	2.4	<1.0	<2.0	<2.0	<2.9	<2.0	<2.0	<2.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dioxane - Selective Ion Monitoring SW8260B	not established	NA	NA	NA	NA	NA	NA	NA		NA	NA	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1: SUMMARY OF DETECTED CONSTITUENTS IN SEEPS AND SURFACE WATER

Sample Identification		Seep H							Seep H													Seep H			
Sample Location		Thermo King Eastern Parcel							Thermo King Eastern Parcel													Thermo King Eastern Parcel			
Sample Date		1/15/2003	3/24/2004	6/23/2004	8/31/2004	11/17/2004	2/26/2008	4/21/2010	6/3/2010	June 2011	1/17/2012	7/10/2012	8/7/2012	11/19/2012	1/8/2013	4/11/2013	7/10/2013	1/9/2014	6/24/2014	1/14/2015	7/9/2015	12/15/2015	11/17/2016	11/13/2017	11/26/2018
Laboratory		STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	Test America - North Canton	Test America - North Canton	Test America - North Canton		AES-Atlanta	AES-Atlanta	AES-Atlanta	AES-Atlanta	Test America - North Canton	Test America - North Canton	Test America - North Canton	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical
Constituent (ug/L)	**Georgia Instream Water Quality Criteria (µg/L)**																								
1,1,1-Trichloroethane	not established	<1.0	<5.0	<8.4	<5.0	<5.0	<5.0	<5.0	<2.0		<1.0	<1.0	**15**	**20**	<20	**12**	**9.6**	**4**	**3.5**	**3.1**	**1.4**	**3.1**	**1.2**	<1.0	<1.0
1,1,2-Trichloroethane	16	<1.0	<5.0	<8.4	<5.0	<5.0	<5.0	<5.0	<2.0		<1.0	<1.0	<1.0	<1.0	<20	<2.5	<1.7	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7100	<1.0	<5.0	<8.4	<5.0	<5.0	<5.0	**6.0**	**12**		**2.3**	**6.7**	**69**	**140**	**84**	**77**	**58**	**29.1**	**27.9**	**25.8**	**21.2**	**30.7**	**19.4**	**19.5**	**9.7**
1,1-Dichloroethane	not established	<1.0	<5.0	<8.4	<5.0	<5.0	<5.0	<5.0	<2.0		<1.0	**2.0**	**1.1**	<1.0	<20	<2.5	<1.7	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dioxane	not established	<200	<250	<420	<250	<250	<250	<250	<100		<100	<100	<100	NA	<1000	<130	<84	<150	<150	<300	<150	<150	<150	<150	<150
Bromomethane	1500	<1.0	<5.0	<8.4	<5.0	<5.0	<10.0	<10.0	<2.0		<5.0	<5.0	<5.0	<5.0	<20	<2.5	<1.7	<2.0	<2.0	<4.0	**3.4**	<2.0	<2.0	<2.0	<2.0
Chloroethane	not established	<1.0	<5.0	<8.4	<5.0	<5.0	<10.0	<10.0	<2.0		<5.0	<5.0	<5.0	<5.0	<20	<2.5	<1.7	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	470	<1.0	<5.0	<8.4	<5.0	<5.0	<5.0	<5.0	<2.0		<1.0	<1.0	**2.6**	**2.3**	<20	<2.5	<1.7	<1.0	<1.0	<2.0	<1.0	**1.5**	**1.3**	**1.5**	**1.1**
Chloromethane	not established	<1.0	<5.0	<8.4	<5.0	<5.0	<10.0	<10.0	<2.0		<5.0	<5.0	<5.0	<5.0	<20	<2.5	<1.7	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	not established	**6.9**	**12**	**30**	**13**	**27**	<2.5	**26**	**63**	DRY	**16**	**110**	**120**	**64**	**47**	**45**	**64**	**22.3**	**45.2**	**33.8**	**75.9**	**40.1**	**32.9**	**87.6**	**54.4**
Ethylbenzene	2100	<1.0	<5.0	<8.4	<5.0	<5.0	<5.0	<5.0	<2.0	not sampled	<1.0	<1.0	<1.0	<1.0	<20	<2.5	<1.7	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	not established	NA	NA	NA	NA	NA	<5.0	<5.0	<2.0		<1.0	<1.0	<1.0	<1.0	<20	<2.5	<1.7	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	5980	<1.0	<5.0	<8.4	<5.0	<5.0	<5.0	<5.0	<2.0		<1.0	**170**	**19**	**1.6**	<20	<2.5	**1.8**	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	10000	<0.50	<5.0	<8.4	<5.0	<5.0	<2.5	<2.5	<2.0		<1.0	**3.8**	<1.0	<1.0	<20	<2.5	<1.7	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	30	**24**	**15**	<8.4	<5.0	**7.1**	**5.1**	**38**	**41**		**2.0**	<1.0	**800**	**550**	**610**	**530**	**490**	**180**	**185**	**359**	**157**	**275**	**169**	**218**	**145**
Vinyl Chloride	2.4	<1.0	<2.0	<3.3	<2.0	<2.0	<2.0	<2.0	<2.0		<1.0	**31**	<1.0	<1.0	<20	<2.5	<1.7	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dioxane - Selective Ion Monitoring SW8260B	not established	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1: SUMMARY OF DETECTED CONSTITUENTS IN SEEPS AND SURFACE WATER

Sample Identification		Seep I											Seep I											
Sample Location		Thermo King Eastern Parcel											Thermo King Eastern Parcel											
Sample Date		1/15/2003	3/24/2004	6/23/2004	8/30-31/2004	11/17/2004	2/27/2008	4/22/2010	6/7/2011	1/17/2012	7/10/2012	8/7/2012	11/19/2012	1/8/2013	4/11/2013	7/10/2013	1/9/2014	6/27/2014	1/14/2015	7/9/2015	12/16/2015	11/17/2016	11/13/2017	11/26/2018
Laboratory		STL- North Canton	STL- North Canton	STL- North Canton		STL- North Canton	Test America - North Canton	Test America - North Canton	Test America - Tampa	AES-Atlanta	AES-Atlanta		AES-Atlanta	Test America - North Canton	Test America - North Canton	Test America - North Canton	Pace Analytical		Pace Analytical		Pace Analytical	Pace Analytical	Pace Analytical	Pace Analytical
Constituent (ug/L)	**Georgia Instream Water Quality Criteria (µg/L)**																							
1,1,1-Trichloroethane	not established	<1.0	<5.0	<5.0		<5.0	<5.0	<5.0	<1.0	<1.0	**9.5**		<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	16	<1.0	<5.0	<5.0		<5.0	<5.0	<5.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7100	<1.0	<5.0	<5.0		<5.0	<5.0	<5.0	**9.3**	<1.0	**60**		<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	not established	<1.0	<5.0	<5.0		<5.0	<5.0	<5.0	**1.9**	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0	<1.0	<1.0	<1.0
1,4-Dioxane	not established	<200	<250	<250		<250	<250	<250	NA	<100	<100		NA	<50	<50	<50	<150		<150		<150	<150	<150	<150
Bromomethane	1500	<1.0	<5.0	<5.0		<5.0	<10.0	<10.0	<5.0	<5.0	<5.0		<5.0	<1.0	<1.0	<1.0	<2.0		<2.0		<2.0	<2.0	<2.0	<2.0
Chloroethane	not established	<1.0	<5.0	<5.0		<5.0	<10.0	<10.0	<5.0	<5.0	<5.0		<5.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0	<1.0	<1.0	<1.0
Chloroform	470	<1.0	<5.0	<5.0		<5.0	<5.0	<5.0	<1.0	<1.0	**2.2**		<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0	<1.0	<1.0	<1.0
Chloromethane	not established	<1.0	<5.0	<5.0		<5.0	<10.0	<10.0	<5.0	<5.0	<5.0		<5.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	not established	<0.50	<5.0	<5.0	DRY	<5.0	<2.5	<2.5	**64**	<1.0	**68**	DRY	<1.0	<1.0	<1.0	**1.3**	<1.0	DRY	<1.0	DRY	**1.1**	<1.0	<1.0	**1.3**
Ethylbenzene	2100	<1.0	<5.0	<5.0		<5.0	<5.0	<5.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	not established	NA	NA	NA	not sampled	NA	<5.0	<5.0	**1.4**	<1.0	<1.0	not sampled	<1.0	<1.0	<1.0	<1.0	<1.0	not sampled	<1.0	not sampled	<1.0	<1.0	<1.0	<1.0
Toluene	5980	<1.0	<5.0	<5.0		<5.0	<5.0	<5.0	**2.3**	<1.0	**17**		<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	10000	<0.50	<5.0	<5.0		<5.0	<2.5	<2.5	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0	<1.0	<1.0	<1.0
Trichloroethene	30	<1.0	<5.0	<5.0		<5.0	<5.0	<5.0	**2.5**	<1.0	**380**		<1.0	<1.0	**4.2**	**1.9**	<1.0		<1.0		<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2.4	<1.0	<2.0	<2.0		<2.0	<2.0	<2.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0	<1.0	<1.0	<1.0
1,4-Dioxane - Selective Ion Monitoring SW8260B	not established	NA	NA	NA		NA	NA	NA	<2.0	NA	NA		<5.0	NA	NA	NA	NA		NA		NA	NA	NA	NA

TABLE 1: SUMMARY OF DETECTED CONSTITUENTS IN SEEPS AND SURFACE WATER

Sample Identification		Seep J							Seep K						Seep L										
Sample Location		Thermo King Eastern Parcel							Northeast Corner of Thermo King Eastern Parcel						Northeast Corner of Thermo King Eastern Parcel										
Sample Date		5/14/2003	3/24/2004	6/23/2004	8/31/2004	11/17/2004	2/26/2008	4/22/2010	3/24/2004	6/24/2004	8/31/2004	11/17/2004	2/26/2008	4/22/2010	3/24/2004	6/24/2004	8/31/2004	11/17/2004	2/27/2008	4/21/2010	6/3/2010	June 2011	1/17/2012	7/10/2012	8/7/2012
Laboratory		STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	Test America - North Canton	Test America - North Canton	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	Test America - North Canton	Test America - North Canton	STL- North Canton	STL- North Canton	STL- North Canton	STL- North Canton	Test America - North Canton		Test America - North Canton		AES- Atlanta		
Constituent (ug/L)	**Georgia Instream Water Quality Criteria (µg/L)**																								
1,1,1-Trichloroethane	not established	<25	<5.0	<12.0	<33	<25	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		<1.0		<1.0		
1,1,2-Trichloroethane	16	<25	<5.0	<12.0	<33	<25	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		<1.0		<1.0		
1,1-Dichloroethene	7100	<25	<5.0	<12.0	<33	<25	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		<1.0		<1.0		
1,1-Dichloroethane	not established	<25	<5.0	<12.0	<33	<25	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		<1.0		<1.0		
1,4-Dioxane	not established	<1000	<250	<620	<1700	<1200	<250	<250	<250	<250	<1000	<250	<250	<250	<250	<250	<250	<250	<250		<50		<100		
Bromomethane	1500	<25	<5.0	<12.0	<33	<25	<10.0	<10.0	<5.0	<5.0	<20	<5.0	<10.0	<10.0	<5.0	<5.0	<5.0	<5.0	<10.0		<1.0		<5.0		
Chloroethane	not established	<25	<5.0	<12.0	<33	<25	<10.0	<10.0	<5.0	<5.0	<20	<5.0	<10.0	<10.0	<5.0	<5.0	<5.0	<5.0	<10.0		<1.0		<5.0		
Chloroform	470	<25	<5.0	<12.0	<33	<25	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		<1.0		<1.0		
Chloromethane	not established	<25	<5.0	<12.0	<33	<25	<10.0	<10.0	<5.0	<5.0	<20	<5.0	<10.0	<10.0	<5.0	<5.0	<5.0	<5.0	<10.0		<1.0		<5.0		
cis-1,2-Dichloroethene	not established	**910**	**84**	**66**	**190**	**110**	<2.5	<2.5	**10**	<5.0	**85**	<5.0	**12**	**5.3**	**5.4**	<5.0	<5.0	<5.0	<2.5	DRY	<1.0	DRY	<1.0	DRY	DRY
Ethylbenzene	2100	<25	<5.0	<12.0	<33	<25	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	not sampled	<1.0	not sampled	<1.0	not sampled	not sampled
p-Isopropyltoluene	not established	NA	NA	NA	NA	NA	<5.0	<5.0	NA	NA	NA	NA	<5.0	<5.0	NA	NA	NA	NA	<5.0		<1.0		<1.0		
Toluene	5980	**280**	<5.0	<12.0	<33	<25	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0		<1.0		<1.0		
trans-1,2-Dichloroethene	10000	**13**	<5.0	<12.0	<33	<25	<2.5	<2.5	<5.0	<5.0	<20	<5.0	<2.5	<2.5	<5.0	<5.0	<5.0	<5.0	<2.5		<1.0		<1.0		
Trichloroethene	30	<25	<5.0	<12.0	<33	<25	<5.0	<5.0	<5.0	<5.0	<20	<5.0	**13**	**5.8**	<5.0	<5.0	<5.0	<5.0	<5.0		<1.0		<1.0		
Vinyl Chloride	2.4	<25	**26**	<5.0	<13	**11**	<2.0	<2.0	<2.0	<2.0	<8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0		<1.0		<1.0		
1,4-Dioxane - Selective Ion Monitoring SW8260B	not established	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA		

TABLE 1: SUMMARY OF DETECTED CONSTITUENTS IN SEEPS AND SURFACE WATER

Sample Identification		Seep L											
Sample Location		Northeast Corner Thermo King Eastern Parcel											
Sample Date		11/19/2012	1/8/2013	4/11/2013	7/10/2013	1/9/2014	6/24/2014	1/14/2015	7/9/2015	12/16/2015	11/17/2016	11/13/2017	11/26/2018
Laboratory		AES-Atlanta	Test America - North Canton	Test America - North Canton	Test America - North Canton	Pace Analytical	Pace Analytical	Pace Analytical		Pace Analytical	Pace Analytical		Pace Analytical
Constituent (ug/L)	Georgia Instream Water Quality Criteria (µg/L)												
1,1,1-Trichloroethane	not established	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0
1,1,2-Trichloroethane	16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0
1,1-Dichloroethene	7100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0
1,1-Dichloroethane	not established	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0
1,4-Dioxane	not established	NA	<50	<50	<50	<150	<150	<150		<150	<150		<150
Bromomethane	1500	<5.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0		<2.0	<2.0		<2.0
Chloroethane	not established	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0
Chloroform	470	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0
Chloromethane	not established	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0
cis-1,2-Dichloroethene	not established	**2.0**	**5.9**	**4.6**	<1.0	<1.0	<1.0	**2.4**	DRY	<1.0	<1.0	DRY	<1.0
Ethylbenzene	2100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0
p-Isopropyltoluene	not established	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	not sampled	<1.0	<1.0	not sampled	<1.0
Toluene	5980	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0
trans-1,2-Dichloroethene	10000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0
Trichloroethene	30	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.5**		<1.0	<1.0		<1.0
Vinyl Chloride	2.4	<1.0	**1.3**	**2.1**	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0
1,4-Dioxane - Selective Ion Monitoring SW8260B	not established	<5.0	NA	NA	<1.0	NA	NA	NA		NA	NA		NA

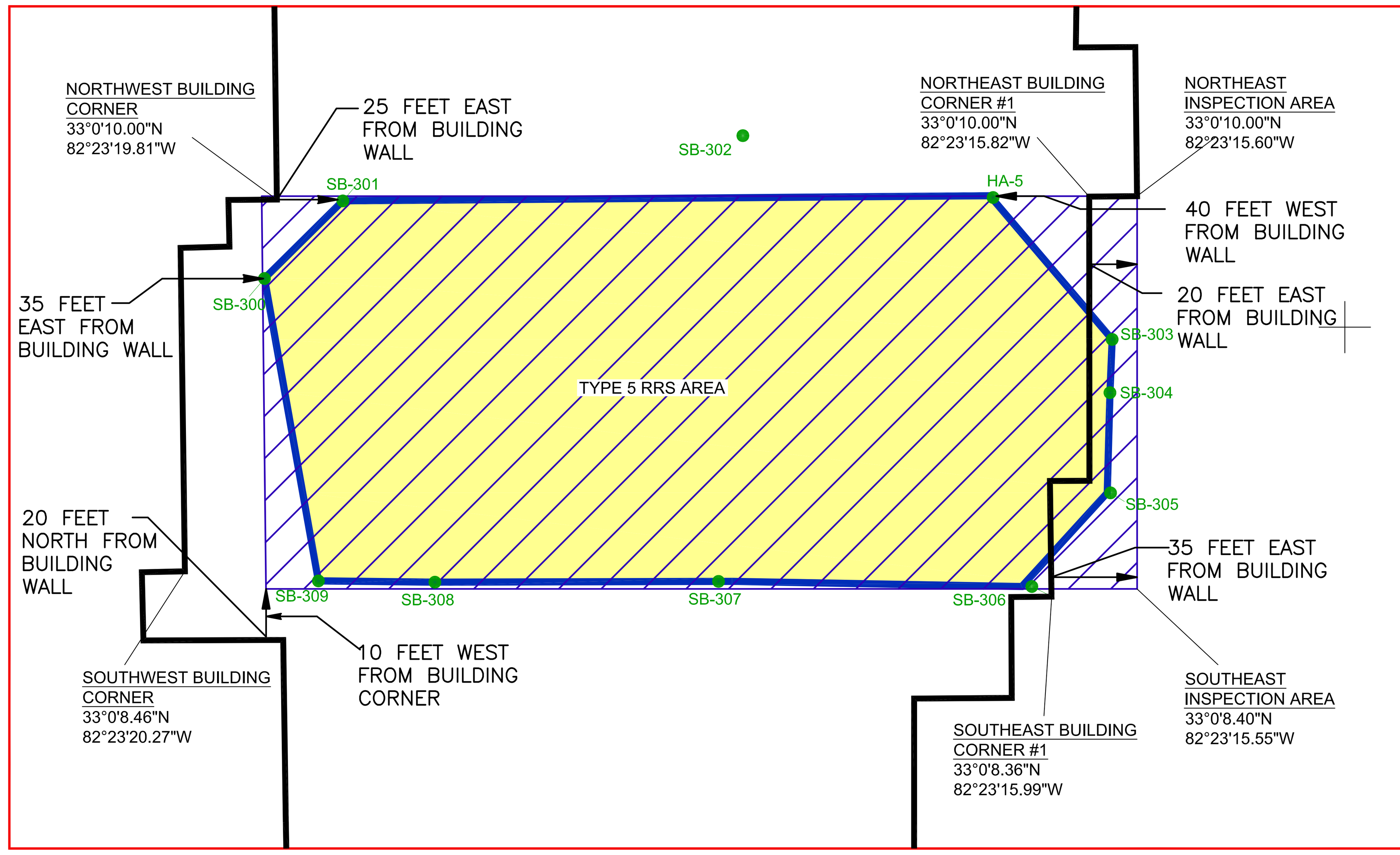
Notes:

µg/L	micrograms per liter
Hwy	Highway
NA	Sample not analyzed for this constituent
E	Estimated; result exceeds calibration range
(a)	Georgia 391-3-6-.03 Water Use Classifications and Water Quality Standards (ISWQC).
	Exceeds Georgia ISWQC
BOLD	**Detected Concentration**

Prepared by/Date: MHA 7/30/2015 DP 1/7/2016 AS 12/28/2018

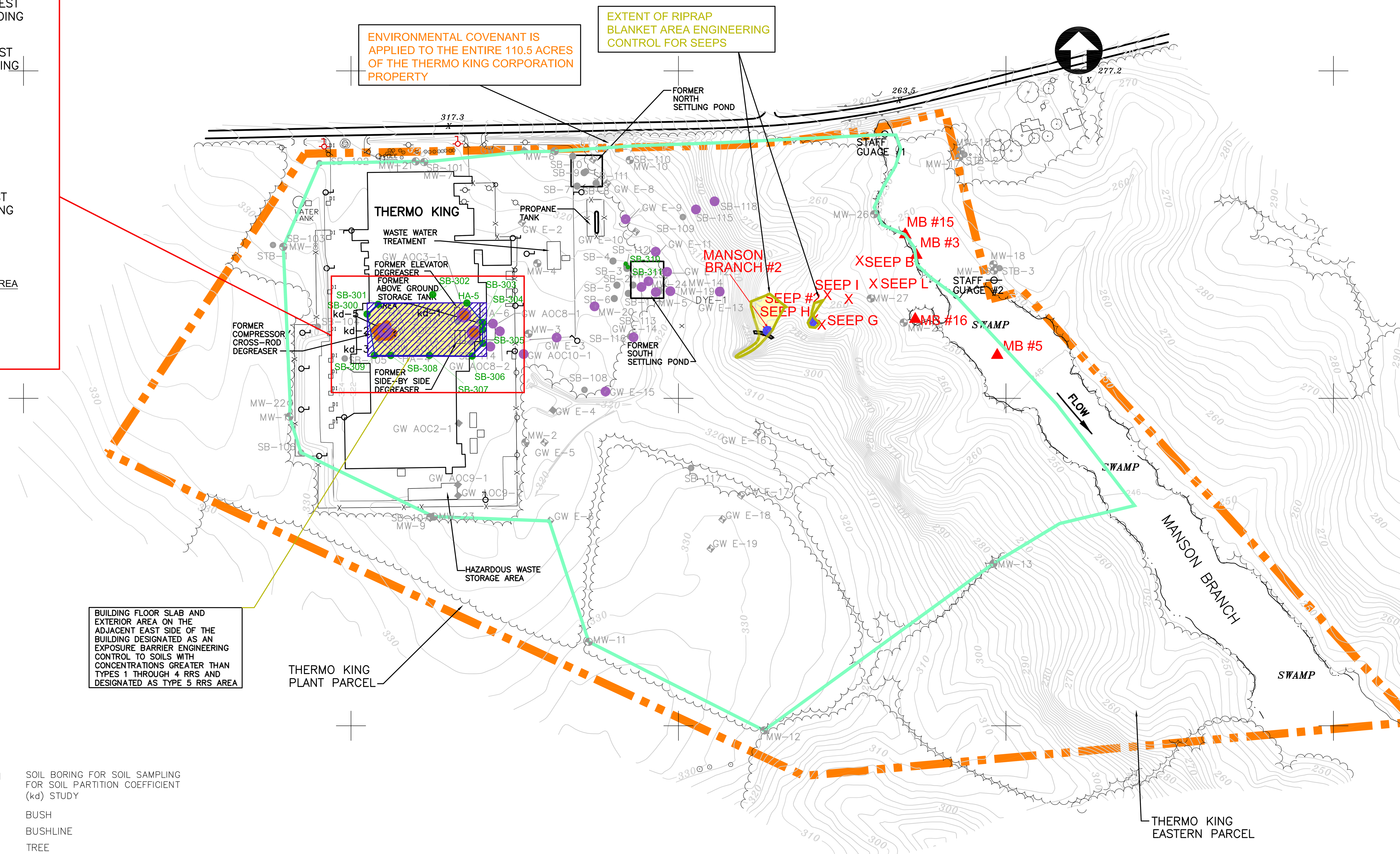
Checked by/Date: RNQ 8/13/2015 1/14/2016 12/1/2016 MHA 12/14/2017RNQ 1/28/2019

FIGURES



INSET: LOCATION OF AREA TO INSPECT

SCALE IN FEET
0 50 100



LEGEND

Symbol	Description
MW-1	GROUND-WATER MONITORING WELL INSTALLED TO TOP OF TWIGGS CLAY [UPPERMOST WATER-BEARING ZONE] (ESC 2000, MW-1 TO MW-6)
MW-7	GROUND-WATER MONITORING WELL INSTALLED TO TOP OF TWIGGS CLAY [UPPERMOST WATER-BEARING ZONE] (MACTEC 2003, MW-7 TO MW-16 AND MW-19, EXCEPT MW-14)
MW-14	GROUND-WATER MONITORING WELL INSTALLED BELOW UPPERMOST TAN AND BLUE-GRAY CLAYS OF THE TWIGGS CLAY [INTERMEDIATE WATER-BEARING ZONE] (MACTEC 2003: MW-14, MW-17, MW-18, MW-20, MW-21, MW-22, MW-23 AND MW-25)
MW-24	GROUND-WATER MONITORING WELL INSTALLED IN THE LOWER WATER-BEARING ZONE (MACTEC 2004, MW-24)
GW E-2	DIRECT-PUSH TECHNOLOGY BORING FOR GROUND-WATER SAMPLING (LAW 2000: GW E-1 TO GW E-19, UPPERMOST WATER-BEARING ZONE)
GW E-1	SOIL BORING FOR SOIL AND GROUND-WATER SAMPLING (LAW 2000 AND MACTEC 2003: GW E-1, GW E-4, GW E-13, GW AOC1-1, GW AOC2-1, GW AOC3-1, GW AOC3-2, GW AOC8-1, GW AOC8-2, GW AOC9-1, GW AOC9-2, GW AOC10-1, SB-113, SB-114, SB-115, AND SB-118, UPPERMOST WATER-BEARING ZONE)
SB-7	SOIL BORING FOR SOIL SAMPLING (ESC 2000 AND MACTEC 2003: SB-1 TO SB-10, SB-101 TO SB-112, SB-116 AND SB-117 AND HA-1 TO HA-8) (SOIL BORINGS FOR SOIL SAMPLING SB-101, SB-103, SB-107, SB-110 WERE COMPLETED AS MONITORING WELLS MW-7, MW-8, MW-9, AND MW-10 RESPECTIVELY) BORINGS STB-1, STB-2 AND STB-3 ARE STRATIGRAPHIC BORINGS. WOOD 2018: SB-300 TO SB-311.
×SEEP	WATER SEEP WITH ELEVATION
MB #14	MANSON BRANCH SURFACE WATER SAMPLING LOCATION (MACTEC 2003: MB#14, MB#15, MB#16)
	STAFF GUAGE FOR MEASURING SURFACE WATER ELEVATION
	DYE INJECTION WELL
SB-300	SOIL BORINGS WITH VOC CONCENTRATION LESS THAN TYPES 1 THROUGH 4 RRS THAT DELINEATE THE TYPE 5 RRS AREA
×kd-1	SOIL BORING FOR SOIL SAMPLING FOR SOIL PARTITION COEFFICIENT (kd) STUDY
	BUSH
	BUSHLINE
	TREE
	TREELINE
	HEDGE
	STREAM
	FENCE
300	TOPOGRAPHIC CONTOUR
	DROP INLET
	LIGHT POLE
	TYPE 5 RRS AREA
	AREA TO INSPECT
33° 0.140' N −82° 23.259' W	LATITUDE AND LONGITUDE COORDINATES FOR INSPECTION AREA
	CONSTITUENT CONCENTRATIONS IN SOIL DO NOT MEET TYPES 1 OR 2 OR 3 OR 4 RISK REDUCTION STANDARDS (RRS).
	CONSTITUENT CONCENTRATIONS IN GROUNDWATER DO NOT MEET TYPES 1/3 OR 2 OR 4 RISK REDUCTION STANDARDS (MOST RECENT GROUNDWATER ANALYTICAL RESULTS PER LOCATION USED)
	CONSTITUENT CONCENTRATIONS IN SEEP WATER GREATER THAN IN-STREAM WATER QUALITY CRITERIA ISWQC (MOST RECENT ANALYTICAL RESULTS PER LOCATION USED).
	EXTENT OF HSRA DEFINED SITE
	THERMO KING PROPERTY BOUNDARY
	RIP-RAP BLANKET IS AN ENGINEERING CONTROL TO PRECLUDE THE SURFACE EXPRESSION OF SEEP WATER WITH CONCENTRATIONS GREATER THAN IN-STREAM WATER QUALITY CRITERIA (ISWQC)

© COPYRIGHT 2019 WOOD

SOURCE: TOPOGRAPHIC AND PROPERTY BOUNDARY SURVEYS BY SURVEYING SOLUTIONS, INC., JULY 2002 AND HOFFMAN & COMPANY INC., USING FEBRUARY 2002 AERIAL PHOTOGRAPH AND GROUND SURVEYING. 2000 SAMPLING LOCATIONS SURVEYED BY McGILL & ASSOCIATES OCTOBER 2000. 2003 AND 2004 SAMPLING LOCATIONS SURVEYED BY MACTEC ENGINEERING AND CONSULTING, INC. IN SEPTEMBER 2003 AND DECEMBER 2004. LOCATIONS OF FORMER NORTH AND SOUTH SETTLING PONDS APPROXIMATED FROM HISTORICAL AERIAL PHOTOGRAPHS.

DESIGNED	R. QUINN
DRAWN	T. GLADSTONE
CHECKED	R. QUINN
IN CHARGE	D. ALCOTT
DATE	1/16/2019

THERMO KING CORPORATION
LOUISVILLE, GEORGIA

wood.
ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC.
1075 BIG SHANTY ROAD, NW, SUITE 100
KENNESAW, GEORGIA 30144 (770) 421-3400

SEEP AND SURFACE WATER SAMPLING LOCATIONS AND ENGINEERING CONTROLS INSPECTION AREA

FIGURE: 1

SCALE	AS SHOWN
CONTRACT	6122-09-0322
DWG. NO.	
REV	
PAGE NO	

J:\Thermo King\JANUARY 2019\SEEP AND SURFACE WATER SAMP.dwg – Layout1 01/30/2019 10:32am Tonya.Gladstone

Figure 2: Time Trend of TCE in Seeps (2012-2018)

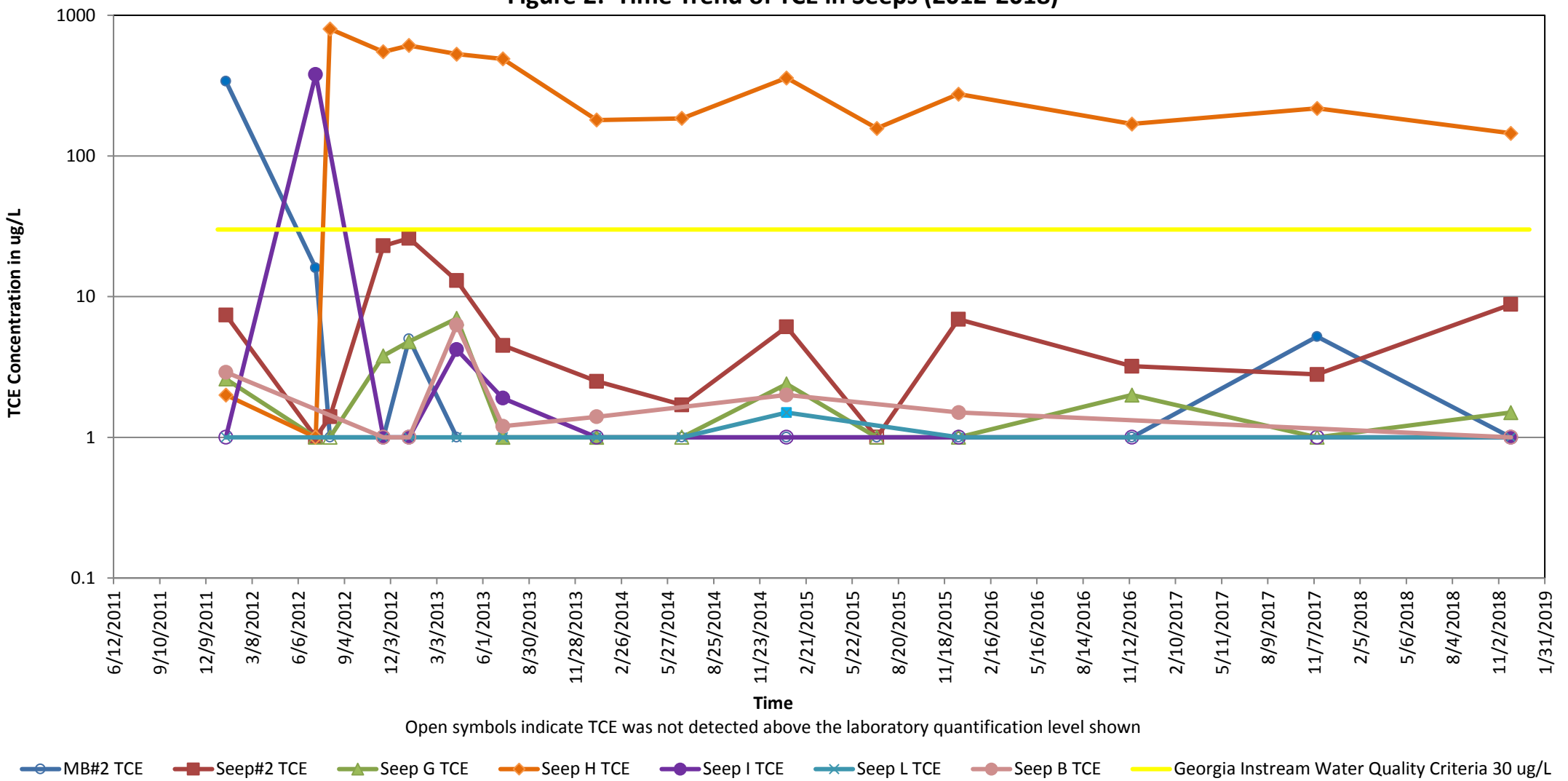
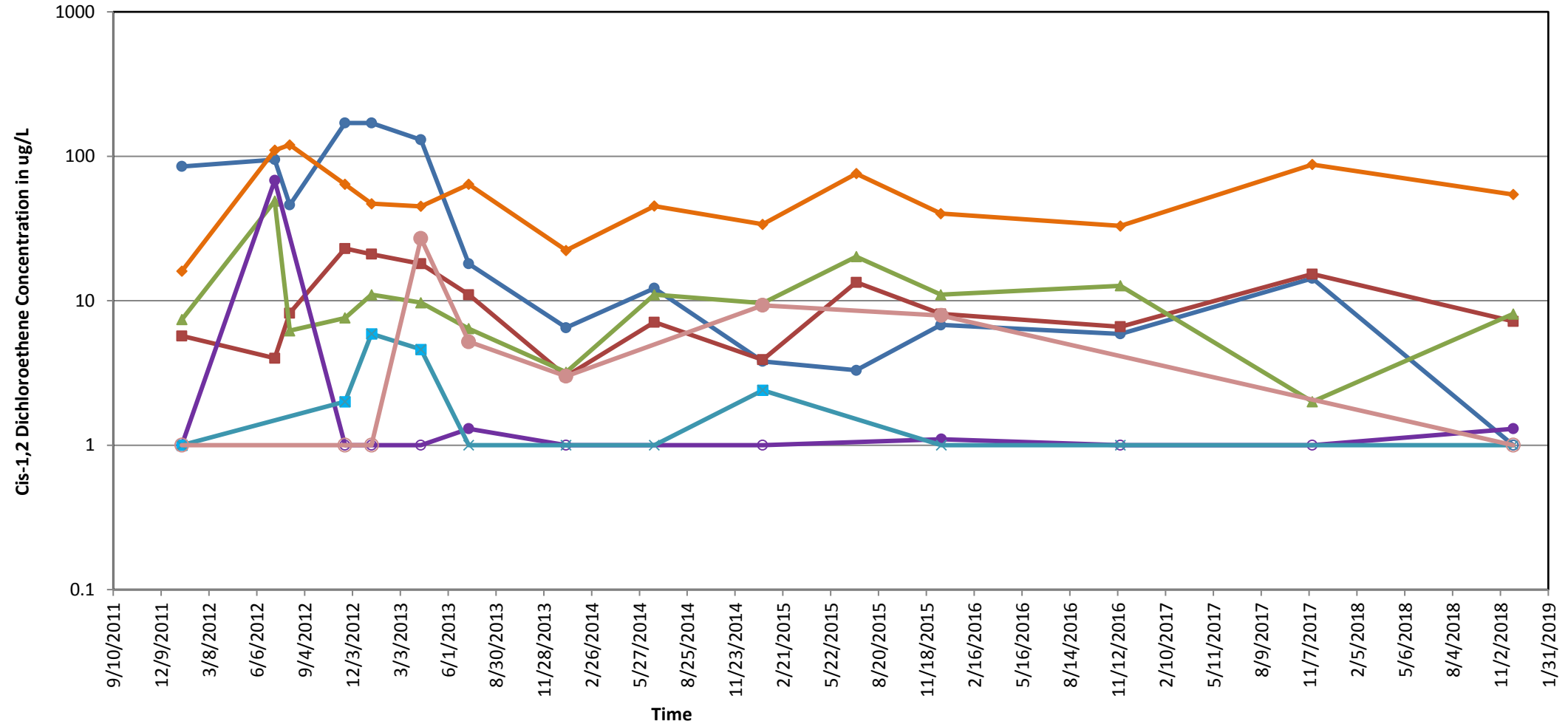


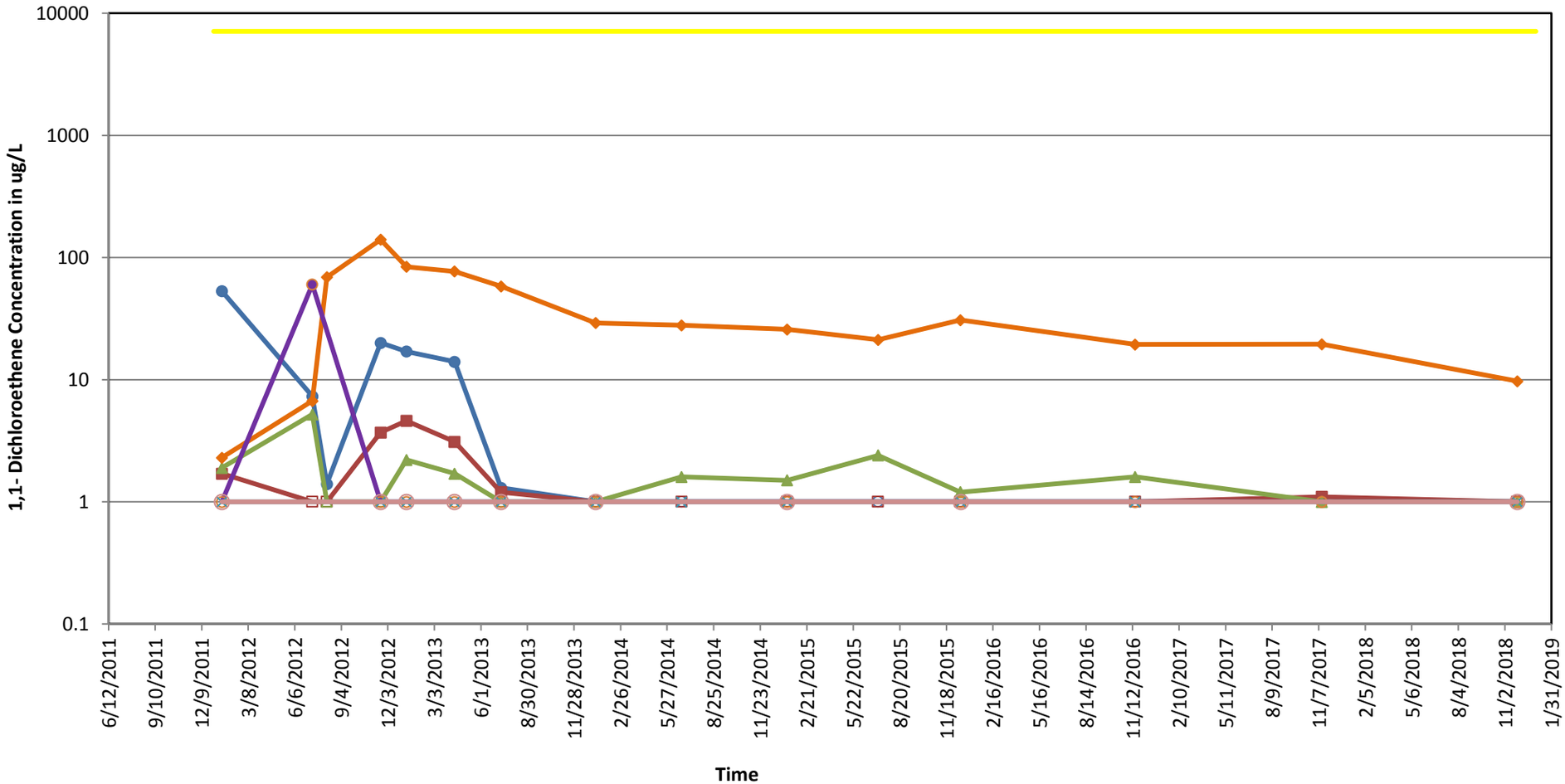
Figure 3: Time Trend of Cis-1,2-Dichloroethene in Seeps (2012-2018)



Open symbols indicate cis-1,2-dichloroethene was not detected above the laboratory quantification level shown

No Georgia Instream Water Quality Criteria available for Cis-1,2 Dichloroethene

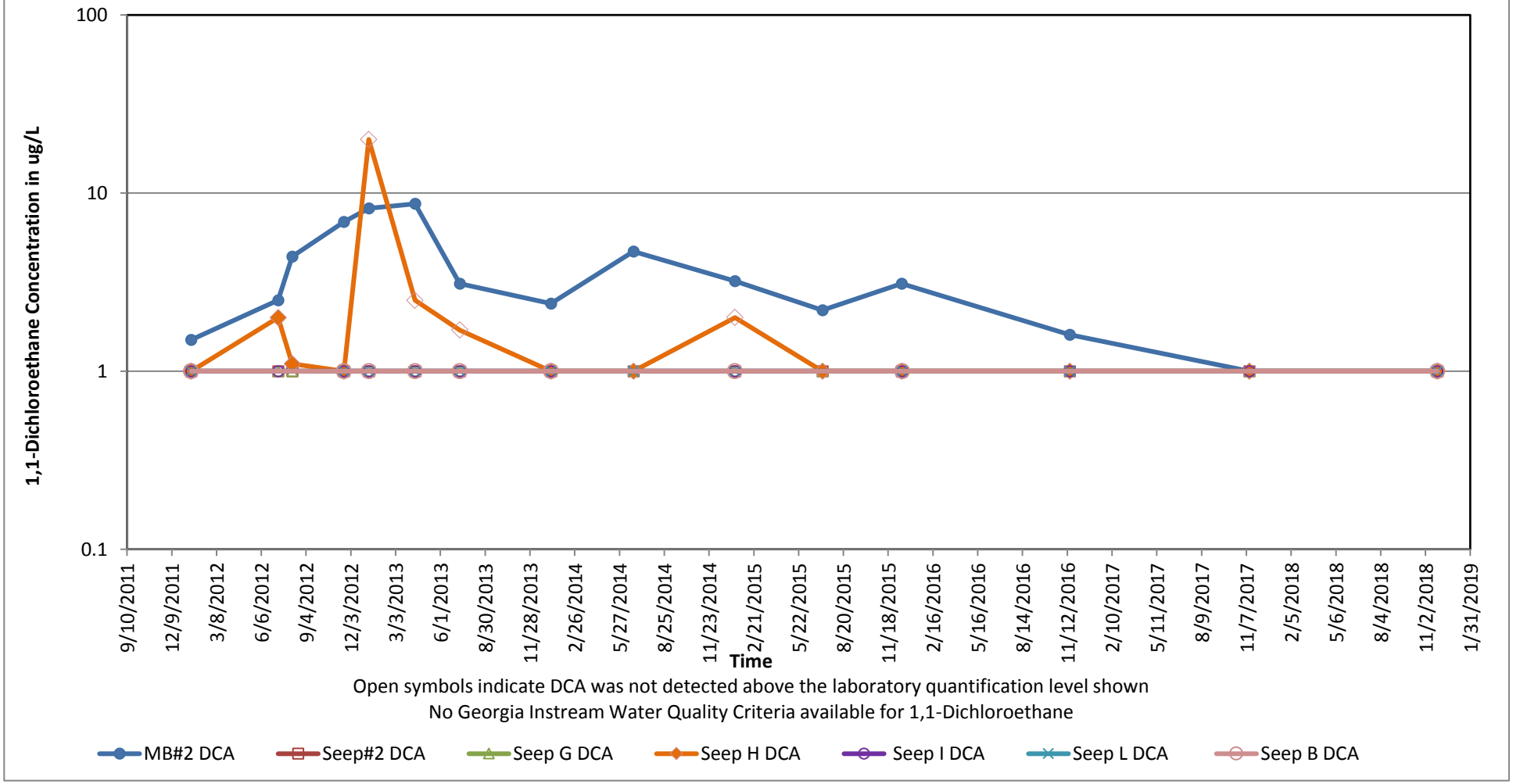
Figure 4: Time Trend of 1,1-Dichloroethene in Seeps (2012-2018)



Open symbols indicate 1,1-Dichloroethene was not detected above the laboratory quantification shown

MB#2 DCE | Seep#2 DCE | Seep G DCE | Seep H DCE | Seep I DCE | Seep L DCE | Seep B DCE | Georgia Instream Water Quality Criteria 7100 ug/L

Figure 5: Time Trend of 1,1-Dichloroethane in Seeps (2012-2018)



Open symbols indicate DCA was not detected above the laboratory quantification level shown

No Georgia Instream Water Quality Criteria available for 1,1-Dichloroethane

Figure 6: Time Trend of Toluene in Seeps (2012-2018)

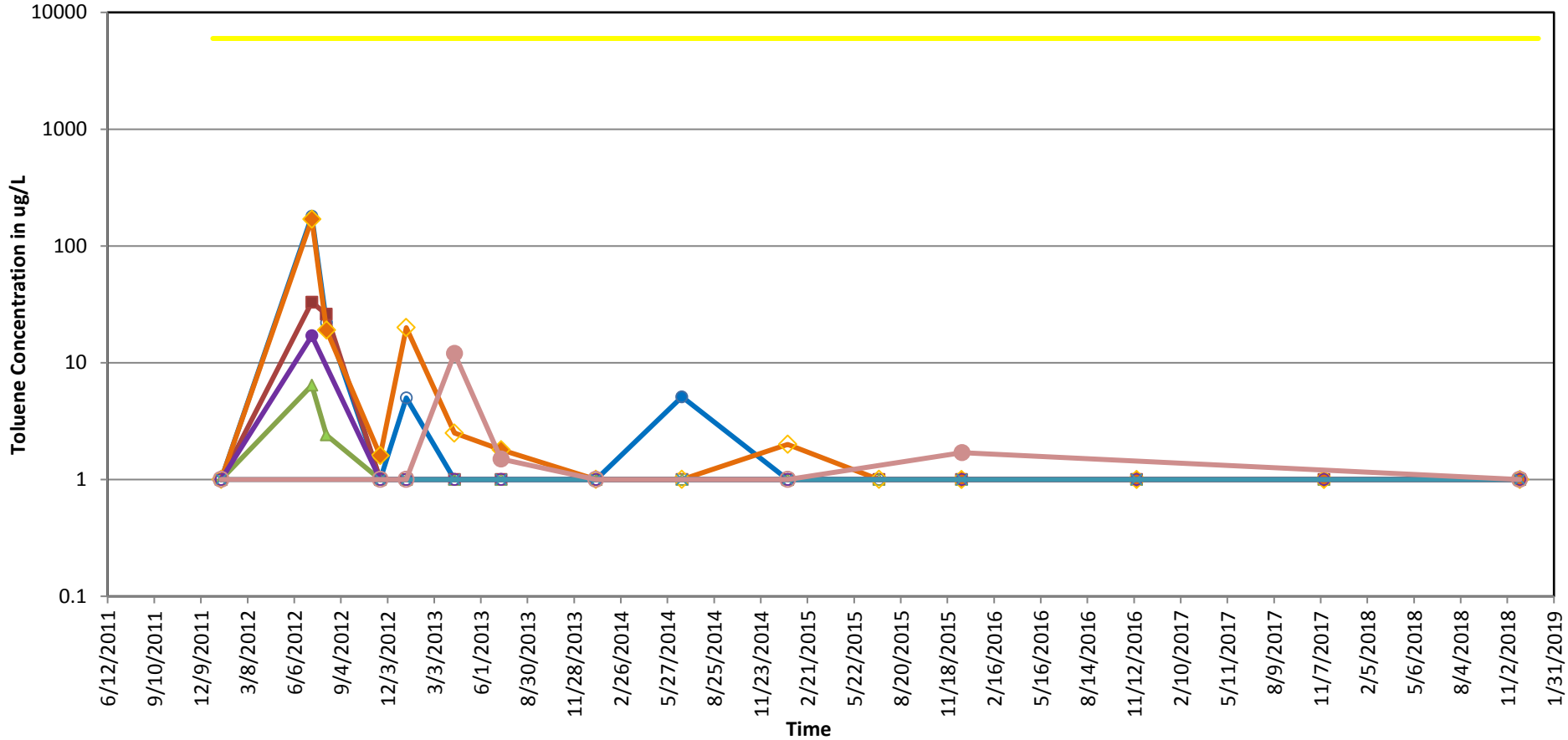
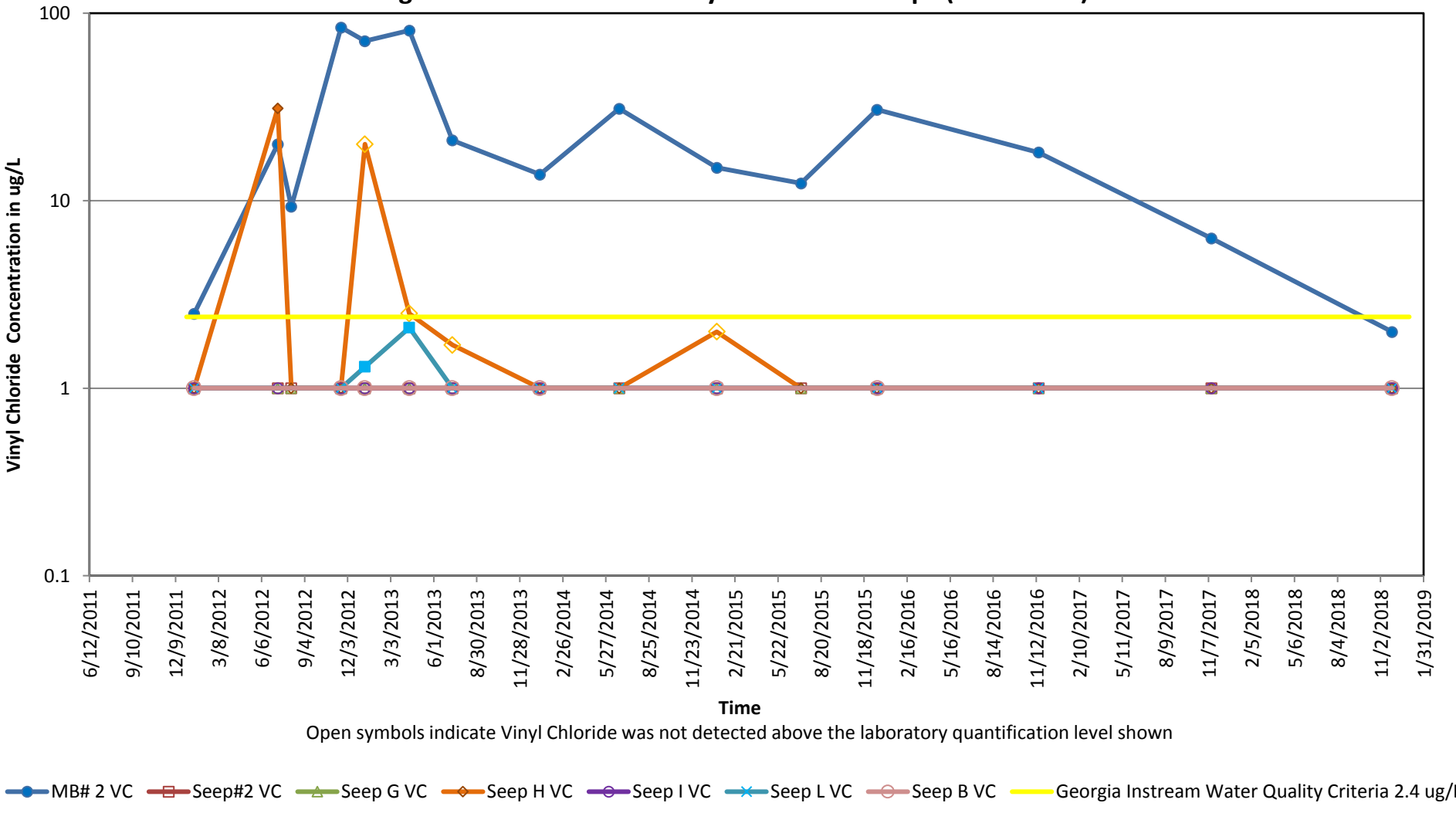


Figure 7: Time Trend of Vinyl Chloride in Seeps (2012-2018)



APPENDIX A

LABORATORY REPORTS AND FIELD SAMPLING FORMS FOR NOVEMBER 2018 SEEP AND SURFACE WATER SAMPLING EVENT

Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

December 05, 2018

Rhonda Quinn
Wood E&I Solutions, Inc. - Kennesaw
1075 Big Shanty RD NW
Suite 100
Kennesaw, GA 30144

RE: Project: Thermo King Louisville
Pace Project No.: 2612028

Dear Rhonda Quinn:
Enclosed are the analytical results for sample(s) received by the laboratory on November 28, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Eben Buchanan

Eben Buchanan
eben.buchanan@pacelabs.com
(770)734-4200
Project Manager

Enclosures

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

CERTIFICATIONS

Project: Thermo King Louisville
Pace Project No.: 2612028

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

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SAMPLE SUMMARY

Project: Thermo King Louisville
Pace Project No.: 2612028

Lab ID	Sample ID	Matrix	Date Collected	Date Received
2612028001	**SEEP B**	Water	11/26/18 16:05	11/28/18 10:35
2612028002	**SEEP G**	Water	11/26/18 15:50	11/28/18 10:35
2612028003	**SEEP H**	Water	11/26/18 15:45	11/28/18 10:35
2612028004	**SEEP I**	Water	11/26/18 16:15	11/28/18 10:35
2612028005	**SEEP L**	Water	11/26/18 16:25	11/28/18 10:35
2612028006	**MASON BRANCH #2**	Water	11/26/18 15:35	11/28/18 10:35
2612028007	**SEEP #2**	Water	11/26/18 15:55	11/28/18 10:35
2612028008	**MB #3**	Water	11/26/18 17:00	11/28/18 10:35
2612028009	**MB #5**	Water	11/26/18 16:50	11/28/18 10:35
2612028010	**MB #15**	Water	11/26/18 17:10	11/28/18 10:35
2612028011	**MB #16**	Water	11/26/18 16:35	11/28/18 10:35
2612028012	**Trip Blank**	Water	11/26/18 00:00	11/28/18 10:35
2612028013	**Dup-1**	Water	11/26/18 12:00	11/28/18 10:35

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Peachtree Corners, GA 30092
(770)734-4200

SAMPLE ANALYTE COUNT

Project: Thermo King Louisville
Pace Project No.: 2612028

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
2612028001	**SEEP B**	EPA 8260B	GAW	60	PASI-C
2612028002	**SEEP G**	EPA 8260B	GAW	60	PASI-C
2612028003	**SEEP H**	EPA 8260B	GAW	60	PASI-C
2612028004	**SEEP I**	EPA 8260B	GAW	60	PASI-C
2612028005	**SEEP L**	EPA 8260B	GAW	60	PASI-C
2612028006	**MASON BRANCH #2**	EPA 8260B	GAW	60	PASI-C
2612028007	**SEEP #2**	EPA 8260B	GAW	60	PASI-C
2612028008	**MB #3**	EPA 8260B	GAW	60	PASI-C
2612028009	**MB #5**	EPA 8260B	GAW	60	PASI-C
2612028010	**MB #15**	EPA 8260B	GAW	60	PASI-C
2612028011	**MB #16**	EPA 8260B	GAW	60	PASI-C
2612028012	**Trip Blank**	EPA 8260B	GAW	60	PASI-C
2612028013	**Dup-1**	EPA 8260B	GAW	60	PASI-C

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Peachtree Corners, GA 30092
(770)734-4200

ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: SEEP B **Lab ID: 2612028001** Collected: 11/26/18 16:05 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/05/18 02:14	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/05/18 02:14	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/05/18 02:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/05/18 02:14	75-27-4	
Bromomethane	ND	ug/L	2.0	1		12/05/18 02:14	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		12/05/18 02:14	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		12/05/18 02:14	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		12/05/18 02:14	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/05/18 02:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/05/18 02:14	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/05/18 02:14	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/05/18 02:14	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/05/18 02:14	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 02:14	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 02:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/05/18 02:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/05/18 02:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/05/18 02:14	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/05/18 02:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/05/18 02:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/05/18 02:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/05/18 02:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/05/18 02:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 02:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 02:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 02:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/05/18 02:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 02:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/05/18 02:14	563-58-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		12/05/18 02:14	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		12/05/18 02:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/05/18 02:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/05/18 02:14	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/05/18 02:14	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/05/18 02:14	75-09-2	
Naphthalene	ND	ug/L	1.0	1		12/05/18 02:14	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		12/05/18 02:14	103-65-1	
Styrene	ND	ug/L	1.0	1		12/05/18 02:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 02:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 02:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/05/18 02:14	127-18-4	
Toluene	ND	ug/L	1.0	1		12/05/18 02:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:14	120-82-1	

REPORT OF LABORATORY ANALYSIS

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Peachtree Corners, GA 30092
(770)734-4200

ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: SEEP B **Lab ID: 2612028001** Collected: 11/26/18 16:05 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/05/18 02:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/05/18 02:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/05/18 02:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/05/18 02:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/05/18 02:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 02:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 02:14	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		12/05/18 02:14	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		12/05/18 02:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/05/18 02:14	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		12/05/18 02:14	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		12/05/18 02:14	17060-07-0	
Toluene-d8 (S)	106	%	70-130	1		12/05/18 02:14	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: SEEP G **Lab ID: 2612028002** Collected: 11/26/18 15:50 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/05/18 02:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/05/18 02:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/05/18 02:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/05/18 02:31	75-27-4	
Bromomethane	ND	ug/L	2.0	1		12/05/18 02:31	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		12/05/18 02:31	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		12/05/18 02:31	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		12/05/18 02:31	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/05/18 02:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/05/18 02:31	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/05/18 02:31	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/05/18 02:31	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/05/18 02:31	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 02:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 02:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/05/18 02:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/05/18 02:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/05/18 02:31	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/05/18 02:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/05/18 02:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/05/18 02:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/05/18 02:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/05/18 02:31	75-35-4	
cis-1,2-Dichloroethene	**8.1**	ug/L	1.0	1		12/05/18 02:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 02:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 02:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/05/18 02:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 02:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/05/18 02:31	563-58-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		12/05/18 02:31	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		12/05/18 02:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/05/18 02:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/05/18 02:31	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/05/18 02:31	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/05/18 02:31	75-09-2	
Naphthalene	ND	ug/L	1.0	1		12/05/18 02:31	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		12/05/18 02:31	103-65-1	
Styrene	ND	ug/L	1.0	1		12/05/18 02:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 02:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 02:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/05/18 02:31	127-18-4	
Toluene	ND	ug/L	1.0	1		12/05/18 02:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:31	120-82-1	

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: SEEP G **Lab ID: 2612028002** Collected: 11/26/18 15:50 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/05/18 02:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/05/18 02:31	79-00-5	
Trichloroethene	**1.5**	ug/L	1.0	1		12/05/18 02:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/05/18 02:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/05/18 02:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 02:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 02:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		12/05/18 02:31	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		12/05/18 02:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/05/18 02:31	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		12/05/18 02:31	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		12/05/18 02:31	17060-07-0	
Toluene-d8 (S)	107	%	70-130	1		12/05/18 02:31	2037-26-5	

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ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: SEEP H **Lab ID: 2612028003** Collected: 11/26/18 15:45 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/05/18 02:48	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/05/18 02:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/05/18 02:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/05/18 02:48	75-27-4	
Bromomethane	ND	ug/L	2.0	1		12/05/18 02:48	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		12/05/18 02:48	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		12/05/18 02:48	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		12/05/18 02:48	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/05/18 02:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/05/18 02:48	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/05/18 02:48	75-00-3	
Chloroform	**1.1**	ug/L	1.0	1		12/05/18 02:48	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/05/18 02:48	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 02:48	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 02:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/05/18 02:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/05/18 02:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/05/18 02:48	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/05/18 02:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/05/18 02:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/05/18 02:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/05/18 02:48	107-06-2	
1,1-Dichloroethene	**9.7**	ug/L	1.0	1		12/05/18 02:48	75-35-4	
cis-1,2-Dichloroethene	**54.4**	ug/L	1.0	1		12/05/18 02:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 02:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 02:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/05/18 02:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 02:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/05/18 02:48	563-58-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		12/05/18 02:48	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		12/05/18 02:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/05/18 02:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/05/18 02:48	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/05/18 02:48	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/05/18 02:48	75-09-2	
Naphthalene	ND	ug/L	1.0	1		12/05/18 02:48	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		12/05/18 02:48	103-65-1	
Styrene	ND	ug/L	1.0	1		12/05/18 02:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 02:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 02:48	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/05/18 02:48	127-18-4	
Toluene	ND	ug/L	1.0	1		12/05/18 02:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 02:48	120-82-1	

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ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: SEEP H **Lab ID: 2612028003** Collected: 11/26/18 15:45 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/05/18 02:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/05/18 02:48	79-00-5	
Trichloroethene	**145**	ug/L	1.0	1		12/05/18 02:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/05/18 02:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/05/18 02:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 02:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 02:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		12/05/18 02:48	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		12/05/18 02:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/05/18 02:48	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		12/05/18 02:48	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		12/05/18 02:48	17060-07-0	
Toluene-d8 (S)	107	%	70-130	1		12/05/18 02:48	2037-26-5	

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ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: SEEP I **Lab ID: 2612028004** Collected: 11/26/18 16:15 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/05/18 03:05	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/05/18 03:05	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/05/18 03:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/05/18 03:05	75-27-4	
Bromomethane	ND	ug/L	2.0	1		12/05/18 03:05	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		12/05/18 03:05	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		12/05/18 03:05	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		12/05/18 03:05	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/05/18 03:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/05/18 03:05	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/05/18 03:05	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/05/18 03:05	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/05/18 03:05	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 03:05	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 03:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/05/18 03:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/05/18 03:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/05/18 03:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/05/18 03:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/05/18 03:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/05/18 03:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/05/18 03:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/05/18 03:05	75-35-4	
cis-1,2-Dichloroethene	**1.3**	ug/L	1.0	1		12/05/18 03:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 03:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 03:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/05/18 03:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 03:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/05/18 03:05	563-58-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		12/05/18 03:05	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		12/05/18 03:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/05/18 03:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/05/18 03:05	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/05/18 03:05	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/05/18 03:05	75-09-2	
Naphthalene	ND	ug/L	1.0	1		12/05/18 03:05	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		12/05/18 03:05	103-65-1	
Styrene	ND	ug/L	1.0	1		12/05/18 03:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 03:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 03:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/05/18 03:05	127-18-4	
Toluene	ND	ug/L	1.0	1		12/05/18 03:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:05	120-82-1	

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ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: SEEP I **Lab ID: 2612028004** Collected: 11/26/18 16:15 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/05/18 03:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/05/18 03:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/05/18 03:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/05/18 03:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/05/18 03:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 03:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 03:05	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		12/05/18 03:05	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		12/05/18 03:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/05/18 03:05	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		12/05/18 03:05	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		12/05/18 03:05	17060-07-0	
Toluene-d8 (S)	109	%	70-130	1		12/05/18 03:05	2037-26-5	

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ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: SEEP L **Lab ID: 2612028005** Collected: 11/26/18 16:25 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/05/18 03:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/05/18 03:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/05/18 03:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/05/18 03:22	75-27-4	
Bromomethane	ND	ug/L	2.0	1		12/05/18 03:22	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		12/05/18 03:22	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		12/05/18 03:22	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		12/05/18 03:22	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/05/18 03:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/05/18 03:22	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/05/18 03:22	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/05/18 03:22	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/05/18 03:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 03:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 03:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/05/18 03:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/05/18 03:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/05/18 03:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/05/18 03:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/05/18 03:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/05/18 03:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/05/18 03:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/05/18 03:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 03:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 03:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 03:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/05/18 03:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 03:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/05/18 03:22	563-58-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		12/05/18 03:22	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		12/05/18 03:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/05/18 03:22	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/05/18 03:22	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/05/18 03:22	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/05/18 03:22	75-09-2	
Naphthalene	ND	ug/L	1.0	1		12/05/18 03:22	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		12/05/18 03:22	103-65-1	
Styrene	ND	ug/L	1.0	1		12/05/18 03:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 03:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 03:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/05/18 03:22	127-18-4	
Toluene	ND	ug/L	1.0	1		12/05/18 03:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:22	120-82-1	

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: SEEP L **Lab ID: 2612028005** Collected: 11/26/18 16:25 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/05/18 03:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/05/18 03:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/05/18 03:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/05/18 03:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/05/18 03:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 03:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 03:22	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		12/05/18 03:22	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		12/05/18 03:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/05/18 03:22	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		12/05/18 03:22	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		12/05/18 03:22	17060-07-0	
Toluene-d8 (S)	109	%	70-130	1		12/05/18 03:22	2037-26-5	

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ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: MASON BRANCH #2 **Lab ID: 2612028006** Collected: 11/26/18 15:35 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/05/18 03:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/05/18 03:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/05/18 03:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/05/18 03:39	75-27-4	
Bromomethane	ND	ug/L	2.0	1		12/05/18 03:39	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		12/05/18 03:39	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		12/05/18 03:39	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		12/05/18 03:39	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/05/18 03:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/05/18 03:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/05/18 03:39	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/05/18 03:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/05/18 03:39	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 03:39	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 03:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/05/18 03:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/05/18 03:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/05/18 03:39	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/05/18 03:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/05/18 03:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/05/18 03:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/05/18 03:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/05/18 03:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 03:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 03:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 03:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/05/18 03:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 03:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/05/18 03:39	563-58-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		12/05/18 03:39	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		12/05/18 03:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/05/18 03:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/05/18 03:39	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/05/18 03:39	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/05/18 03:39	75-09-2	
Naphthalene	ND	ug/L	1.0	1		12/05/18 03:39	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		12/05/18 03:39	103-65-1	
Styrene	ND	ug/L	1.0	1		12/05/18 03:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 03:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 03:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/05/18 03:39	127-18-4	
Toluene	ND	ug/L	1.0	1		12/05/18 03:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:39	120-82-1	

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Peachtree Corners, GA 30092
(770)734-4200

ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: MASON BRANCH #2 **Lab ID: 2612028006** Collected: 11/26/18 15:35 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/05/18 03:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/05/18 03:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/05/18 03:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/05/18 03:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/05/18 03:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 03:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 03:39	108-67-8	
Vinyl chloride	**2.0**	ug/L	1.0	1		12/05/18 03:39	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		12/05/18 03:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/05/18 03:39	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		12/05/18 03:39	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		12/05/18 03:39	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		12/05/18 03:39	2037-26-5	

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ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: SEEP #2 **Lab ID: 2612028007** Collected: 11/26/18 15:55 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/05/18 03:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/05/18 03:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/05/18 03:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/05/18 03:57	75-27-4	
Bromomethane	ND	ug/L	2.0	1		12/05/18 03:57	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		12/05/18 03:57	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		12/05/18 03:57	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		12/05/18 03:57	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/05/18 03:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/05/18 03:57	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/05/18 03:57	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/05/18 03:57	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/05/18 03:57	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 03:57	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 03:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/05/18 03:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/05/18 03:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/05/18 03:57	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/05/18 03:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/05/18 03:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/05/18 03:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/05/18 03:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/05/18 03:57	75-35-4	
cis-1,2-Dichloroethene	**7.2**	ug/L	1.0	1		12/05/18 03:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 03:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 03:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/05/18 03:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 03:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/05/18 03:57	563-58-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		12/05/18 03:57	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		12/05/18 03:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/05/18 03:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/05/18 03:57	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/05/18 03:57	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/05/18 03:57	75-09-2	
Naphthalene	ND	ug/L	1.0	1		12/05/18 03:57	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		12/05/18 03:57	103-65-1	
Styrene	ND	ug/L	1.0	1		12/05/18 03:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 03:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 03:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/05/18 03:57	127-18-4	
Toluene	ND	ug/L	1.0	1		12/05/18 03:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 03:57	120-82-1	

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ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: SEEP #2 **Lab ID: 2612028007** Collected: 11/26/18 15:55 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/05/18 03:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/05/18 03:57	79-00-5	
Trichloroethene	**8.8**	ug/L	1.0	1		12/05/18 03:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/05/18 03:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/05/18 03:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 03:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 03:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		12/05/18 03:57	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		12/05/18 03:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/05/18 03:57	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		12/05/18 03:57	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		12/05/18 03:57	17060-07-0	
Toluene-d8 (S)	108	%	70-130	1		12/05/18 03:57	2037-26-5	

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ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: MB #3 **Lab ID: 2612028008** Collected: 11/26/18 17:00 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/05/18 04:14	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/05/18 04:14	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/05/18 04:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/05/18 04:14	75-27-4	
Bromomethane	ND	ug/L	2.0	1		12/05/18 04:14	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		12/05/18 04:14	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		12/05/18 04:14	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		12/05/18 04:14	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/05/18 04:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/05/18 04:14	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/05/18 04:14	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/05/18 04:14	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/05/18 04:14	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 04:14	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 04:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/05/18 04:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/05/18 04:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/05/18 04:14	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/05/18 04:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/05/18 04:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/05/18 04:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/05/18 04:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/05/18 04:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 04:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 04:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 04:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/05/18 04:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 04:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/05/18 04:14	563-58-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		12/05/18 04:14	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		12/05/18 04:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/05/18 04:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/05/18 04:14	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/05/18 04:14	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/05/18 04:14	75-09-2	
Naphthalene	ND	ug/L	1.0	1		12/05/18 04:14	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		12/05/18 04:14	103-65-1	
Styrene	ND	ug/L	1.0	1		12/05/18 04:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 04:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 04:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/05/18 04:14	127-18-4	
Toluene	ND	ug/L	1.0	1		12/05/18 04:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:14	120-82-1	

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: MB #3 **Lab ID: 2612028008** Collected: 11/26/18 17:00 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/05/18 04:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/05/18 04:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/05/18 04:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/05/18 04:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/05/18 04:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 04:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 04:14	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		12/05/18 04:14	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		12/05/18 04:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/05/18 04:14	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		12/05/18 04:14	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		12/05/18 04:14	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		12/05/18 04:14	2037-26-5	

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ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: MB #5 **Lab ID: 2612028009** Collected: 11/26/18 16:50 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/05/18 04:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/05/18 04:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/05/18 04:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/05/18 04:31	75-27-4	
Bromomethane	ND	ug/L	2.0	1		12/05/18 04:31	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		12/05/18 04:31	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		12/05/18 04:31	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		12/05/18 04:31	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/05/18 04:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/05/18 04:31	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/05/18 04:31	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/05/18 04:31	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/05/18 04:31	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 04:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 04:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/05/18 04:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/05/18 04:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/05/18 04:31	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/05/18 04:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/05/18 04:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/05/18 04:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/05/18 04:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/05/18 04:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 04:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 04:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 04:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/05/18 04:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 04:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/05/18 04:31	563-58-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		12/05/18 04:31	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		12/05/18 04:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/05/18 04:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/05/18 04:31	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/05/18 04:31	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/05/18 04:31	75-09-2	
Naphthalene	ND	ug/L	1.0	1		12/05/18 04:31	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		12/05/18 04:31	103-65-1	
Styrene	ND	ug/L	1.0	1		12/05/18 04:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 04:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 04:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/05/18 04:31	127-18-4	
Toluene	ND	ug/L	1.0	1		12/05/18 04:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:31	120-82-1	

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Peachtree Corners, GA 30092
(770)734-4200

ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: MB #5 **Lab ID: 2612028009** Collected: 11/26/18 16:50 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/05/18 04:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/05/18 04:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/05/18 04:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/05/18 04:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/05/18 04:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 04:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 04:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		12/05/18 04:31	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		12/05/18 04:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/05/18 04:31	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		12/05/18 04:31	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		12/05/18 04:31	17060-07-0	
Toluene-d8 (S)	109	%	70-130	1		12/05/18 04:31	2037-26-5	

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ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: MB #15 **Lab ID: 2612028010** Collected: 11/26/18 17:10 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/05/18 04:48	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/05/18 04:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/05/18 04:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/05/18 04:48	75-27-4	
Bromomethane	ND	ug/L	2.0	1		12/05/18 04:48	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		12/05/18 04:48	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		12/05/18 04:48	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		12/05/18 04:48	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/05/18 04:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/05/18 04:48	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/05/18 04:48	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/05/18 04:48	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/05/18 04:48	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 04:48	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 04:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/05/18 04:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/05/18 04:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/05/18 04:48	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/05/18 04:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/05/18 04:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/05/18 04:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/05/18 04:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/05/18 04:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 04:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 04:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 04:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/05/18 04:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 04:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/05/18 04:48	563-58-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		12/05/18 04:48	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		12/05/18 04:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/05/18 04:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/05/18 04:48	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/05/18 04:48	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/05/18 04:48	75-09-2	
Naphthalene	ND	ug/L	1.0	1		12/05/18 04:48	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		12/05/18 04:48	103-65-1	
Styrene	ND	ug/L	1.0	1		12/05/18 04:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 04:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 04:48	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/05/18 04:48	127-18-4	
Toluene	ND	ug/L	1.0	1		12/05/18 04:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 04:48	120-82-1	

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ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: MB #15 **Lab ID: 2612028010** Collected: 11/26/18 17:10 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/05/18 04:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/05/18 04:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/05/18 04:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/05/18 04:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/05/18 04:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 04:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 04:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		12/05/18 04:48	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		12/05/18 04:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/05/18 04:48	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		12/05/18 04:48	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		12/05/18 04:48	17060-07-0	
Toluene-d8 (S)	110	%	70-130	1		12/05/18 04:48	2037-26-5	

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ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: MB #16 **Lab ID: 2612028011** Collected: 11/26/18 16:35 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/05/18 06:48	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/05/18 06:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/05/18 06:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/05/18 06:48	75-27-4	
Bromomethane	ND	ug/L	2.0	1		12/05/18 06:48	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		12/05/18 06:48	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		12/05/18 06:48	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		12/05/18 06:48	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/05/18 06:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/05/18 06:48	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/05/18 06:48	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/05/18 06:48	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/05/18 06:48	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 06:48	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 06:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/05/18 06:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/05/18 06:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/05/18 06:48	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/05/18 06:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 06:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 06:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 06:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/05/18 06:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/05/18 06:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/05/18 06:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/05/18 06:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 06:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 06:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 06:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/05/18 06:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 06:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/05/18 06:48	563-58-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		12/05/18 06:48	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		12/05/18 06:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/05/18 06:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/05/18 06:48	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/05/18 06:48	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/05/18 06:48	75-09-2	
Naphthalene	ND	ug/L	1.0	1		12/05/18 06:48	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		12/05/18 06:48	103-65-1	
Styrene	ND	ug/L	1.0	1		12/05/18 06:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 06:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 06:48	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/05/18 06:48	127-18-4	
Toluene	ND	ug/L	1.0	1		12/05/18 06:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 06:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 06:48	120-82-1	

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Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: MB #16 **Lab ID: 2612028011** Collected: 11/26/18 16:35 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/05/18 06:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/05/18 06:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/05/18 06:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/05/18 06:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/05/18 06:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 06:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 06:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		12/05/18 06:48	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		12/05/18 06:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/05/18 06:48	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		12/05/18 06:48	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		12/05/18 06:48	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		12/05/18 06:48	2037-26-5	

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Peachtree Corners, GA 30092
(770)734-4200

ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: Trip Blank **Lab ID: 2612028012** Collected: 11/26/18 00:00 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		11/30/18 19:51	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		11/30/18 19:51	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		11/30/18 19:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		11/30/18 19:51	75-27-4	
Bromomethane	ND	ug/L	2.0	1		11/30/18 19:51	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		11/30/18 19:51	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		11/30/18 19:51	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		11/30/18 19:51	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		11/30/18 19:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		11/30/18 19:51	108-90-7	
Chloroethane	ND	ug/L	1.0	1		11/30/18 19:51	75-00-3	
Chloroform	ND	ug/L	1.0	1		11/30/18 19:51	67-66-3	
Chloromethane	ND	ug/L	1.0	1		11/30/18 19:51	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		11/30/18 19:51	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		11/30/18 19:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		11/30/18 19:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		11/30/18 19:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		11/30/18 19:51	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		11/30/18 19:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		11/30/18 19:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		11/30/18 19:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		11/30/18 19:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		11/30/18 19:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		11/30/18 19:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		11/30/18 19:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		11/30/18 19:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		11/30/18 19:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		11/30/18 19:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		11/30/18 19:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		11/30/18 19:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		11/30/18 19:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		11/30/18 19:51	563-58-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		11/30/18 19:51	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		11/30/18 19:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		11/30/18 19:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		11/30/18 19:51	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		11/30/18 19:51	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		11/30/18 19:51	75-09-2	
Naphthalene	ND	ug/L	1.0	1		11/30/18 19:51	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		11/30/18 19:51	103-65-1	
Styrene	ND	ug/L	1.0	1		11/30/18 19:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		11/30/18 19:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		11/30/18 19:51	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		11/30/18 19:51	127-18-4	
Toluene	ND	ug/L	1.0	1		11/30/18 19:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		11/30/18 19:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		11/30/18 19:51	120-82-1	

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: Trip Blank **Lab ID: 2612028012** Collected: 11/26/18 00:00 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		11/30/18 19:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		11/30/18 19:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		11/30/18 19:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		11/30/18 19:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		11/30/18 19:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		11/30/18 19:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		11/30/18 19:51	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		11/30/18 19:51	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		11/30/18 19:51	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/30/18 19:51	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		11/30/18 19:51	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		11/30/18 19:51	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		11/30/18 19:51	2037-26-5	

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: Dup-1 **Lab ID: 2612028013** Collected: 11/26/18 12:00 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		12/05/18 07:05	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/05/18 07:05	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/05/18 07:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/05/18 07:05	75-27-4	
Bromomethane	ND	ug/L	2.0	1		12/05/18 07:05	74-83-9	
n-Butylbenzene	ND	ug/L	1.0	1		12/05/18 07:05	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	1		12/05/18 07:05	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	1		12/05/18 07:05	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	1		12/05/18 07:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/05/18 07:05	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/05/18 07:05	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/05/18 07:05	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/05/18 07:05	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 07:05	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/05/18 07:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/05/18 07:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/05/18 07:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/05/18 07:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/05/18 07:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 07:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 07:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/05/18 07:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/05/18 07:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/05/18 07:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/05/18 07:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/05/18 07:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 07:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/05/18 07:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 07:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/05/18 07:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/05/18 07:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/05/18 07:05	563-58-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		12/05/18 07:05	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		12/05/18 07:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/05/18 07:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		12/05/18 07:05	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/05/18 07:05	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/05/18 07:05	75-09-2	
Naphthalene	ND	ug/L	1.0	1		12/05/18 07:05	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	1		12/05/18 07:05	103-65-1	
Styrene	ND	ug/L	1.0	1		12/05/18 07:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 07:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/05/18 07:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/05/18 07:05	127-18-4	
Toluene	ND	ug/L	1.0	1		12/05/18 07:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 07:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/05/18 07:05	120-82-1	

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ANALYTICAL RESULTS

Project: Thermo King Louisville
Pace Project No.: 2612028

Sample: Dup-1 **Lab ID: 2612028013** Collected: 11/26/18 12:00 Received: 11/28/18 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260B							
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/05/18 07:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/05/18 07:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/05/18 07:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/05/18 07:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/05/18 07:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 07:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	1		12/05/18 07:05	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		12/05/18 07:05	75-01-4	
m&p-Xylene	ND	ug/L	2.0	1		12/05/18 07:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/05/18 07:05	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		12/05/18 07:05	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		12/05/18 07:05	17060-07-0	
Toluene-d8 (S)	106	%	70-130	1		12/05/18 07:05	2037-26-5	

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QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

QC Batch: 445083 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 2612028012

METHOD BLANK: 2440534 Matrix: Water
Associated Lab Samples: 2612028012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	11/30/18 15:51	
1,1,1-Trichloroethane	ug/L	ND	1.0	11/30/18 15:51	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	11/30/18 15:51	
1,1,2-Trichloroethane	ug/L	ND	1.0	11/30/18 15:51	
1,1-Dichloroethane	ug/L	ND	1.0	11/30/18 15:51	
1,1-Dichloroethene	ug/L	ND	1.0	11/30/18 15:51	
1,1-Dichloropropene	ug/L	ND	1.0	11/30/18 15:51	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	11/30/18 15:51	
1,2,3-Trichloropropane	ug/L	ND	1.0	11/30/18 15:51	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	11/30/18 15:51	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	11/30/18 15:51	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	11/30/18 15:51	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	11/30/18 15:51	
1,2-Dichlorobenzene	ug/L	ND	1.0	11/30/18 15:51	
1,2-Dichloroethane	ug/L	ND	1.0	11/30/18 15:51	
1,2-Dichloropropane	ug/L	ND	1.0	11/30/18 15:51	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	11/30/18 15:51	
1,3-Dichlorobenzene	ug/L	ND	1.0	11/30/18 15:51	
1,3-Dichloropropane	ug/L	ND	1.0	11/30/18 15:51	
1,4-Dichlorobenzene	ug/L	ND	1.0	11/30/18 15:51	
1,4-Dioxane (p-Dioxane)	ug/L	ND	150	11/30/18 15:51	
2,2-Dichloropropane	ug/L	ND	1.0	11/30/18 15:51	
2-Chlorotoluene	ug/L	ND	1.0	11/30/18 15:51	
4-Chlorotoluene	ug/L	ND	1.0	11/30/18 15:51	
Benzene	ug/L	ND	1.0	11/30/18 15:51	
Bromobenzene	ug/L	ND	1.0	11/30/18 15:51	
Bromochloromethane	ug/L	ND	1.0	11/30/18 15:51	
Bromodichloromethane	ug/L	ND	1.0	11/30/18 15:51	
Bromomethane	ug/L	ND	2.0	11/30/18 15:51	
Carbon tetrachloride	ug/L	ND	1.0	11/30/18 15:51	
Chlorobenzene	ug/L	ND	1.0	11/30/18 15:51	
Chloroethane	ug/L	ND	1.0	11/30/18 15:51	
Chloroform	ug/L	ND	1.0	11/30/18 15:51	
Chloromethane	ug/L	ND	1.0	11/30/18 15:51	
cis-1,2-Dichloroethene	ug/L	ND	1.0	11/30/18 15:51	
Dibromochloromethane	ug/L	ND	1.0	11/30/18 15:51	
Dibromomethane	ug/L	ND	1.0	11/30/18 15:51	
Dichlorodifluoromethane	ug/L	ND	1.0	11/30/18 15:51	
Ethylbenzene	ug/L	ND	1.0	11/30/18 15:51	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	11/30/18 15:51	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	11/30/18 15:51	

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

METHOD BLANK: 2440534 Matrix: Water
Associated Lab Samples: 2612028012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	ND	2.0	11/30/18 15:51	
Methylene Chloride	ug/L	ND	2.0	11/30/18 15:51	
n-Butylbenzene	ug/L	ND	1.0	11/30/18 15:51	
n-Propylbenzene	ug/L	ND	1.0	11/30/18 15:51	
Naphthalene	ug/L	ND	1.0	11/30/18 15:51	
o-Xylene	ug/L	ND	1.0	11/30/18 15:51	
p-Isopropyltoluene	ug/L	ND	1.0	11/30/18 15:51	
sec-Butylbenzene	ug/L	ND	1.0	11/30/18 15:51	
Styrene	ug/L	ND	1.0	11/30/18 15:51	
tert-Butylbenzene	ug/L	ND	1.0	11/30/18 15:51	
Tetrachloroethene	ug/L	ND	1.0	11/30/18 15:51	
Toluene	ug/L	ND	1.0	11/30/18 15:51	
trans-1,2-Dichloroethene	ug/L	ND	1.0	11/30/18 15:51	
Trichloroethene	ug/L	ND	1.0	11/30/18 15:51	
Trichlorofluoromethane	ug/L	ND	1.0	11/30/18 15:51	
Vinyl chloride	ug/L	ND	1.0	11/30/18 15:51	
1,2-Dichloroethane-d4 (S)	%	94	70-130	11/30/18 15:51	
4-Bromofluorobenzene (S)	%	98	70-130	11/30/18 15:51	
Toluene-d8 (S)	%	109	70-130	11/30/18 15:51	

LABORATORY CONTROL SAMPLE: 2440535

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.9	100	70-130	
1,1,1-Trichloroethane	ug/L	50	49.4	99	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.0	92	70-130	
1,1,2-Trichloroethane	ug/L	50	44.2	88	70-130	
1,1-Dichloroethane	ug/L	50	45.1	90	70-130	
1,1-Dichloroethene	ug/L	50	46.2	92	70-130	
1,1-Dichloropropene	ug/L	50	49.1	98	70-130	
1,2,3-Trichlorobenzene	ug/L	50	47.8	96	70-130	
1,2,3-Trichloropropane	ug/L	50	50.1	100	70-130	
1,2,4-Trichlorobenzene	ug/L	50	47.7	95	70-130	
1,2,4-Trimethylbenzene	ug/L	50	44.2	88	70-131	
1,2-Dibromo-3-chloropropane	ug/L	50	47.7	95	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.6	99	70-130	
1,2-Dichlorobenzene	ug/L	50	45.9	92	70-130	
1,2-Dichloroethane	ug/L	50	51.4	103	70-130	
1,2-Dichloropropane	ug/L	50	45.2	90	70-130	
1,3,5-Trimethylbenzene	ug/L	50	45.9	92	70-130	
1,3-Dichlorobenzene	ug/L	50	45.6	91	70-130	
1,3-Dichloropropane	ug/L	50	49.1	98	70-131	
1,4-Dichlorobenzene	ug/L	50	44.7	89	70-130	
1,4-Dioxane (p-Dioxane)	ug/L	1000	909	91	59-169	

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Peachtree Corners, GA 30092
(770)734-4200

QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

LABORATORY CONTROL SAMPLE: 2440535

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	45.7	91	69-130	
2-Chlorotoluene	ug/L	50	46.3	93	70-130	
4-Chlorotoluene	ug/L	50	46.1	92	70-130	
Benzene	ug/L	50	48.9	98	70-130	
Bromobenzene	ug/L	50	47.3	95	70-130	
Bromochloromethane	ug/L	50	46.6	93	70-130	
Bromodichloromethane	ug/L	50	47.6	95	70-130	
Bromomethane	ug/L	50	47.6	95	38-128	
Carbon tetrachloride	ug/L	50	44.8	90	70-130	
Chlorobenzene	ug/L	50	47.0	94	70-130	
Chloroethane	ug/L	50	45.1	90	37-142	
Chloroform	ug/L	50	45.0	90	70-130	
Chloromethane	ug/L	50	42.1	84	48-120	
cis-1,2-Dichloroethene	ug/L	50	44.4	89	70-130	
Dibromochloromethane	ug/L	50	49.6	99	70-130	
Dibromomethane	ug/L	50	45.7	91	70-130	
Dichlorodifluoromethane	ug/L	50	38.9	78	53-134	
Ethylbenzene	ug/L	50	46.3	93	70-130	
Hexachloro-1,3-butadiene	ug/L	50	48.3	97	68-132	
Isopropylbenzene (Cumene)	ug/L	50	47.1	94	70-130	
m&p-Xylene	ug/L	100	94.7	95	70-130	
Methylene Chloride	ug/L	50	46.5	93	67-132	
n-Butylbenzene	ug/L	50	45.7	91	72-132	
n-Propylbenzene	ug/L	50	48.6	97	70-130	
Naphthalene	ug/L	50	47.2	94	70-130	
o-Xylene	ug/L	50	47.7	95	70-130	
p-Isopropyltoluene	ug/L	50	45.1	90	70-130	
sec-Butylbenzene	ug/L	50	47.3	95	70-130	
Styrene	ug/L	50	48.3	97	70-130	
tert-Butylbenzene	ug/L	50	36.8	74	66-130	
Tetrachloroethene	ug/L	50	48.8	98	69-130	
Toluene	ug/L	50	40.6	81	70-130	
trans-1,2-Dichloroethene	ug/L	50	44.9	90	70-130	
Trichloroethene	ug/L	50	47.2	94	70-130	
Trichlorofluoromethane	ug/L	50	45.4	91	63-126	
Vinyl chloride	ug/L	50	43.9	88	70-131	
1,2-Dichloroethane-d4 (S)	%			113	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			87	70-130	

MATRIX SPIKE SAMPLE: 2441099

Parameter	Units	92408412014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	21.2	106	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	22.0	110	82-143	

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QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

MATRIX SPIKE SAMPLE: 2441099

Parameter	Units	92408412014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	ND	20	18.9	95	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	19.1	95	70-135	
1,1-Dichloroethane	ug/L	ND	20	19.1	96	72-139	
1,1-Dichloroethene	ug/L	ND	20	20.1	100	81-154	
1,1-Dichloropropene	ug/L	ND	20	22.5	112	79-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	19.9	100	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	19.0	95	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	20.8	104	73-140	
1,2,4-Trimethylbenzene	ug/L	ND	20	20.0	100	71-142	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	19.7	98	65-134	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20.2	101	72-137	
1,2-Dichlorobenzene	ug/L	ND	20	20.0	100	70-133	
1,2-Dichloroethane	ug/L	ND	20	20.9	104	73-137	
1,2-Dichloropropane	ug/L	ND	20	20.2	101	79-140	
1,3,5-Trimethylbenzene	ug/L	ND	20	20.6	103	76-139	
1,3-Dichlorobenzene	ug/L	ND	20	20.6	103	70-135	
1,3-Dichloropropane	ug/L	ND	20	20.2	101	76-143	
1,4-Dichlorobenzene	ug/L	ND	20	19.3	97	70-133	
1,4-Dioxane (p-Dioxane)	ug/L	ND	400	347	87	53-168	
2,2-Dichloropropane	ug/L	ND	20	21.4	107	61-148	
2-Chlorotoluene	ug/L	ND	20	20.5	103	73-144	
4-Chlorotoluene	ug/L	ND	20	20.3	101	76-137	
Benzene	ug/L	ND	20	21.8	109	72-151	
Bromobenzene	ug/L	ND	20	21.3	107	70-136	
Bromochloromethane	ug/L	ND	20	20.3	101	77-141	
Bromodichloromethane	ug/L	ND	20	18.7	93	76-138	
Bromomethane	ug/L	ND	20	15.7	79	15-152	
Carbon tetrachloride	ug/L	ND	20	22.1	111	70-143	
Chlorobenzene	ug/L	ND	20	20.4	102	70-138	
Chloroethane	ug/L	ND	20	22.0	110	52-163	
Chloroform	ug/L	ND	20	20.6	103	74-139	
Chloromethane	ug/L	ND	20	15.7	78	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	19.2	96	77-141	
Dibromochloromethane	ug/L	ND	20	19.8	99	70-134	
Dibromomethane	ug/L	ND	20	19.9	100	76-138	
Dichlorodifluoromethane	ug/L	ND	20	13.9	69	47-155	
Ethylbenzene	ug/L	ND	20	20.8	104	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	21.9	110	65-149	
Isopropylbenzene (Cumene)	ug/L	ND	20	21.3	106	70-139	
m&p-Xylene	ug/L	ND	40	42.6	106	69-152	
Methylene Chloride	ug/L	ND	20	18.3	91	42-159	
n-Butylbenzene	ug/L	ND	20	20.4	102	76-139	
n-Propylbenzene	ug/L	ND	20	21.8	109	77-144	
Naphthalene	ug/L	ND	20	19.3	96	61-148	
o-Xylene	ug/L	ND	20	21.0	105	73-148	
p-Isopropyltoluene	ug/L	ND	20	20.3	101	73-146	
sec-Butylbenzene	ug/L	ND	20	21.5	107	80-141	

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(770)734-4200

QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

MATRIX SPIKE SAMPLE: 2441099

Parameter	Units	92408412014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	ND	20	21.5	107	70-135	
tert-Butylbenzene	ug/L	ND	20	16.5	82	70-130	
Tetrachloroethene	ug/L	ND	20	20.9	104	59-143	
Toluene	ug/L	ND	20	18.8	94	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	22.2	111	76-146	
Trichloroethene	ug/L	1.3	20	22.8	107	77-147	
Trichlorofluoromethane	ug/L	ND	20	21.4	107	76-148	
Vinyl chloride	ug/L	ND	20	19.8	99	70-156	
1,2-Dichloroethane-d4 (S)	%				106	70-130	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				89	70-130	

SAMPLE DUPLICATE: 2441098

Parameter	Units	92408412013 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	1.5	1.7	13	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2,4-Trimethylbenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3,5-Trimethylbenzene	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
1,4-Dioxane (p-Dioxane)	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

SAMPLE DUPLICATE: 2441098

Parameter	Units	92408412013 Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	.19J		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	1.1	1.2	8	30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
Isopropylbenzene (Cumene)	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
n-Butylbenzene	ug/L	ND	ND		30	
n-Propylbenzene	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
sec-Butylbenzene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
tert-Butylbenzene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	1.1		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
Trichloroethene	ug/L	22.3	22.9	3	30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	105	108	3		
4-Bromofluorobenzene (S)	%	99	99	0		
Toluene-d8 (S)	%	99	102	3		

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QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

QC Batch: 445540 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 2612028001, 2612028002, 2612028003, 2612028004, 2612028005, 2612028006, 2612028007, 2612028008, 2612028009, 2612028010

METHOD BLANK: 2442450 Matrix: Water
Associated Lab Samples: 2612028001, 2612028002, 2612028003, 2612028004, 2612028005, 2612028006, 2612028007, 2612028008, 2612028009, 2612028010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/05/18 00:14	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/05/18 00:14	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/05/18 00:14	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/05/18 00:14	
1,1-Dichloroethane	ug/L	ND	1.0	12/05/18 00:14	
1,1-Dichloroethene	ug/L	ND	1.0	12/05/18 00:14	
1,1-Dichloropropene	ug/L	ND	1.0	12/05/18 00:14	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	12/05/18 00:14	
1,2,3-Trichloropropane	ug/L	ND	1.0	12/05/18 00:14	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	12/05/18 00:14	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	12/05/18 00:14	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	12/05/18 00:14	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/05/18 00:14	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/05/18 00:14	
1,2-Dichloroethane	ug/L	ND	1.0	12/05/18 00:14	
1,2-Dichloropropane	ug/L	ND	1.0	12/05/18 00:14	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	12/05/18 00:14	
1,3-Dichlorobenzene	ug/L	ND	1.0	12/05/18 00:14	
1,3-Dichloropropane	ug/L	ND	1.0	12/05/18 00:14	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/05/18 00:14	
1,4-Dioxane (p-Dioxane)	ug/L	ND	150	12/05/18 00:14	
2,2-Dichloropropane	ug/L	ND	1.0	12/05/18 00:14	
2-Chlorotoluene	ug/L	ND	1.0	12/05/18 00:14	
4-Chlorotoluene	ug/L	ND	1.0	12/05/18 00:14	
Benzene	ug/L	ND	1.0	12/05/18 00:14	
Bromobenzene	ug/L	ND	1.0	12/05/18 00:14	
Bromochloromethane	ug/L	ND	1.0	12/05/18 00:14	
Bromodichloromethane	ug/L	ND	1.0	12/05/18 00:14	
Bromomethane	ug/L	ND	2.0	12/05/18 00:14	
Carbon tetrachloride	ug/L	ND	1.0	12/05/18 00:14	
Chlorobenzene	ug/L	ND	1.0	12/05/18 00:14	
Chloroethane	ug/L	ND	1.0	12/05/18 00:14	
Chloroform	ug/L	ND	1.0	12/05/18 00:14	
Chloromethane	ug/L	ND	1.0	12/05/18 00:14	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/05/18 00:14	
Dibromochloromethane	ug/L	ND	1.0	12/05/18 00:14	
Dibromomethane	ug/L	ND	1.0	12/05/18 00:14	
Dichlorodifluoromethane	ug/L	ND	1.0	12/05/18 00:14	
Ethylbenzene	ug/L	ND	1.0	12/05/18 00:14	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	12/05/18 00:14	

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(770)734-4200

QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

METHOD BLANK: 2442450 Matrix: Water

Associated Lab Samples: 2612028001, 2612028002, 2612028003, 2612028004, 2612028005, 2612028006, 2612028007, 2612028008, 2612028009, 2612028010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Isopropylbenzene (Cumene)	ug/L	ND	1.0	12/05/18 00:14	
m&p-Xylene	ug/L	ND	2.0	12/05/18 00:14	
Methylene Chloride	ug/L	ND	2.0	12/05/18 00:14	
n-Butylbenzene	ug/L	ND	1.0	12/05/18 00:14	
n-Propylbenzene	ug/L	ND	1.0	12/05/18 00:14	
Naphthalene	ug/L	ND	1.0	12/05/18 00:14	
o-Xylene	ug/L	ND	1.0	12/05/18 00:14	
p-Isopropyltoluene	ug/L	ND	1.0	12/05/18 00:14	
sec-Butylbenzene	ug/L	ND	1.0	12/05/18 00:14	
Styrene	ug/L	ND	1.0	12/05/18 00:14	
tert-Butylbenzene	ug/L	ND	1.0	12/05/18 00:14	
Tetrachloroethene	ug/L	ND	1.0	12/05/18 00:14	
Toluene	ug/L	ND	1.0	12/05/18 00:14	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/05/18 00:14	
Trichloroethene	ug/L	ND	1.0	12/05/18 00:14	
Trichlorofluoromethane	ug/L	ND	1.0	12/05/18 00:14	
Vinyl chloride	ug/L	ND	1.0	12/05/18 00:14	
1,2-Dichloroethane-d4 (S)	%	95	70-130	12/05/18 00:14	
4-Bromofluorobenzene (S)	%	100	70-130	12/05/18 00:14	
Toluene-d8 (S)	%	105	70-130	12/05/18 00:14	

LABORATORY CONTROL SAMPLE: 2442451

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.9	106	70-130	
1,1,1-Trichloroethane	ug/L	50	48.3	97	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	70-130	
1,1,2-Trichloroethane	ug/L	50	50.3	101	70-130	
1,1-Dichloroethane	ug/L	50	47.9	96	70-130	
1,1-Dichloroethene	ug/L	50	47.2	94	70-130	
1,1-Dichloropropene	ug/L	50	48.4	97	70-130	
1,2,3-Trichlorobenzene	ug/L	50	48.0	96	70-130	
1,2,3-Trichloropropane	ug/L	50	54.1	108	70-130	
1,2,4-Trichlorobenzene	ug/L	50	47.3	95	70-130	
1,2,4-Trimethylbenzene	ug/L	50	45.9	92	70-131	
1,2-Dibromo-3-chloropropane	ug/L	50	49.8	100	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	50.6	101	70-130	
1,2-Dichlorobenzene	ug/L	50	46.4	93	70-130	
1,2-Dichloroethane	ug/L	50	47.0	94	70-130	
1,2-Dichloropropane	ug/L	50	47.9	96	70-130	
1,3,5-Trimethylbenzene	ug/L	50	45.2	90	70-130	
1,3-Dichlorobenzene	ug/L	50	47.2	94	70-130	
1,3-Dichloropropane	ug/L	50	51.2	102	70-131	

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QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

LABORATORY CONTROL SAMPLE: 2442451

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	44.9	90	70-130	
1,4-Dioxane (p-Dioxane)	ug/L	1000	944	94	59-169	
2,2-Dichloropropane	ug/L	50	49.9	100	69-130	
2-Chlorotoluene	ug/L	50	47.3	95	70-130	
4-Chlorotoluene	ug/L	50	47.0	94	70-130	
Benzene	ug/L	50	48.6	97	70-130	
Bromobenzene	ug/L	50	46.8	94	70-130	
Bromochloromethane	ug/L	50	48.4	97	70-130	
Bromodichloromethane	ug/L	50	46.2	92	70-130	
Bromomethane	ug/L	50	41.4	83	38-128	
Carbon tetrachloride	ug/L	50	47.0	94	70-130	
Chlorobenzene	ug/L	50	47.5	95	70-130	
Chloroethane	ug/L	50	39.7	79	37-142	
Chloroform	ug/L	50	46.8	94	70-130	
Chloromethane	ug/L	50	46.2	92	48-120	
cis-1,2-Dichloroethene	ug/L	50	47.2	94	70-130	
Dibromochloromethane	ug/L	50	52.0	104	70-130	
Dibromomethane	ug/L	50	45.8	92	70-130	
Dichlorodifluoromethane	ug/L	50	44.8	90	53-134	
Ethylbenzene	ug/L	50	47.4	95	70-130	
Hexachloro-1,3-butadiene	ug/L	50	46.6	93	68-132	
Isopropylbenzene (Cumene)	ug/L	50	50.1	100	70-130	
m&p-Xylene	ug/L	100	97.4	97	70-130	
Methylene Chloride	ug/L	50	48.0	96	67-132	
n-Butylbenzene	ug/L	50	46.2	92	72-132	
n-Propylbenzene	ug/L	50	49.3	99	70-130	
Naphthalene	ug/L	50	46.6	93	70-130	
o-Xylene	ug/L	50	48.8	98	70-130	
p-Isopropyltoluene	ug/L	50	45.6	91	70-130	
sec-Butylbenzene	ug/L	50	48.9	98	70-130	
Styrene	ug/L	50	50.3	101	70-130	
tert-Butylbenzene	ug/L	50	37.8	76	66-130	
Tetrachloroethene	ug/L	50	49.1	98	69-130	
Toluene	ug/L	50	44.3	89	70-130	
trans-1,2-Dichloroethene	ug/L	50	46.4	93	70-130	
Trichloroethene	ug/L	50	49.2	98	70-130	
Trichlorofluoromethane	ug/L	50	46.8	94	63-126	
Vinyl chloride	ug/L	50	48.9	98	70-131	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			97	70-130	

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QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

MATRIX SPIKE SAMPLE: 2443098

Parameter	Units	2612028007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	18.7	94	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	20.0	100	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	18.5	92	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	20.1	101	70-135	
1,1-Dichloroethane	ug/L	ND	20	19.3	97	72-139	
1,1-Dichloroethene	ug/L	ND	20	20.6	100	81-154	
1,1-Dichloropropene	ug/L	ND	20	19.2	96	79-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	18.3	91	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	19.3	96	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	17.7	88	73-140	
1,2,4-Trimethylbenzene	ug/L	ND	20	18.5	92	71-142	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	17.8	89	65-134	
1,2-Dibromoethane (EDB)	ug/L	ND	20	18.4	92	72-137	
1,2-Dichlorobenzene	ug/L	ND	20	17.9	90	70-133	
1,2-Dichloroethane	ug/L	ND	20	19.2	96	73-137	
1,2-Dichloropropane	ug/L	ND	20	19.4	97	79-140	
1,3,5-Trimethylbenzene	ug/L	ND	20	17.7	88	76-139	
1,3-Dichlorobenzene	ug/L	ND	20	19.2	96	70-135	
1,3-Dichloropropane	ug/L	ND	20	19.3	96	76-143	
1,4-Dichlorobenzene	ug/L	ND	20	17.2	86	70-133	
1,4-Dioxane (p-Dioxane)	ug/L	ND	400	375	94	53-168	
2,2-Dichloropropane	ug/L	ND	20	20.9	105	61-148	
2-Chlorotoluene	ug/L	ND	20	18.5	93	73-144	
4-Chlorotoluene	ug/L	ND	20	18.1	91	76-137	
Benzene	ug/L	ND	20	20.1	100	72-151	
Bromobenzene	ug/L	ND	20	18.2	91	70-136	
Bromochloromethane	ug/L	ND	20	19.9	100	77-141	
Bromodichloromethane	ug/L	ND	20	19.7	99	76-138	
Bromomethane	ug/L	ND	20	12.3	61	15-152	
Carbon tetrachloride	ug/L	ND	20	20.1	101	70-143	
Chlorobenzene	ug/L	ND	20	18.4	92	70-138	
Chloroethane	ug/L	ND	20	20.0	100	52-163	
Chloroform	ug/L	ND	20	19.5	98	74-139	
Chloromethane	ug/L	ND	20	17.9	89	41-139	
cis-1,2-Dichloroethene	ug/L	7.2	20	27.1	100	77-141	
Dibromochloromethane	ug/L	ND	20	18.7	94	70-134	
Dibromomethane	ug/L	ND	20	19.7	98	76-138	
Dichlorodifluoromethane	ug/L	ND	20	17.9	90	47-155	
Ethylbenzene	ug/L	ND	20	18.7	94	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	17.8	89	65-149	
Isopropylbenzene (Cumene)	ug/L	ND	20	19.4	97	70-139	
m&p-Xylene	ug/L	ND	40	37.9	95	69-152	
Methylene Chloride	ug/L	ND	20	18.6	93	42-159	
n-Butylbenzene	ug/L	ND	20	19.0	95	76-139	
n-Propylbenzene	ug/L	ND	20	19.4	97	77-144	
Naphthalene	ug/L	ND	20	17.4	87	61-148	
o-Xylene	ug/L	ND	20	18.9	94	73-148	

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QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

MATRIX SPIKE SAMPLE: 2443098

Parameter	Units	2612028007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
p-Isopropyltoluene	ug/L	ND	20	17.9	89	73-146	
sec-Butylbenzene	ug/L	ND	20	18.7	94	80-141	
Styrene	ug/L	ND	20	19.1	95	70-135	
tert-Butylbenzene	ug/L	ND	20	14.6	73	70-130	
Tetrachloroethene	ug/L	ND	20	18.2	91	59-143	
Toluene	ug/L	ND	20	18.6	93	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	19.1	96	76-146	
Trichloroethene	ug/L	8.8	20	28.4	98	77-147	
Trichlorofluoromethane	ug/L	ND	20	20.5	103	76-148	
Vinyl chloride	ug/L	ND	20	19.7	99	70-156	
1,2-Dichloroethane-d4 (S)	%				102	70-130	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 2442453

Parameter	Units	2612028010 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2,4-Trimethylbenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3,5-Trimethylbenzene	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
1,4-Dioxane (p-Dioxane)	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

SAMPLE DUPLICATE: 2442453

Parameter	Units	2612028010 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
Isopropylbenzene (Cumene)	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
n-Butylbenzene	ug/L	ND	ND		30	
n-Propylbenzene	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
sec-Butylbenzene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
tert-Butylbenzene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	100	99	1		
4-Bromofluorobenzene (S)	%	100	97	2		
Toluene-d8 (S)	%	110	109	2		

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QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

QC Batch: 445543 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 2612028011, 2612028013

METHOD BLANK: 2442481 Matrix: Water
Associated Lab Samples: 2612028011, 2612028013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/05/18 00:31	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/05/18 00:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/05/18 00:31	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/05/18 00:31	
1,1-Dichloroethane	ug/L	ND	1.0	12/05/18 00:31	
1,1-Dichloroethene	ug/L	ND	1.0	12/05/18 00:31	
1,1-Dichloropropene	ug/L	ND	1.0	12/05/18 00:31	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	12/05/18 00:31	
1,2,3-Trichloropropane	ug/L	ND	1.0	12/05/18 00:31	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	12/05/18 00:31	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	12/05/18 00:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	12/05/18 00:31	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/05/18 00:31	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/05/18 00:31	
1,2-Dichloroethane	ug/L	ND	1.0	12/05/18 00:31	
1,2-Dichloropropane	ug/L	ND	1.0	12/05/18 00:31	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	12/05/18 00:31	
1,3-Dichlorobenzene	ug/L	ND	1.0	12/05/18 00:31	
1,3-Dichloropropane	ug/L	ND	1.0	12/05/18 00:31	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/05/18 00:31	
1,4-Dioxane (p-Dioxane)	ug/L	ND	150	12/05/18 00:31	
2,2-Dichloropropane	ug/L	ND	1.0	12/05/18 00:31	
2-Chlorotoluene	ug/L	ND	1.0	12/05/18 00:31	
4-Chlorotoluene	ug/L	ND	1.0	12/05/18 00:31	
Benzene	ug/L	ND	1.0	12/05/18 00:31	
Bromobenzene	ug/L	ND	1.0	12/05/18 00:31	
Bromochloromethane	ug/L	ND	1.0	12/05/18 00:31	
Bromodichloromethane	ug/L	ND	1.0	12/05/18 00:31	
Bromomethane	ug/L	ND	2.0	12/05/18 00:31	
Carbon tetrachloride	ug/L	ND	1.0	12/05/18 00:31	
Chlorobenzene	ug/L	ND	1.0	12/05/18 00:31	
Chloroethane	ug/L	ND	1.0	12/05/18 00:31	
Chloroform	ug/L	ND	1.0	12/05/18 00:31	
Chloromethane	ug/L	ND	1.0	12/05/18 00:31	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/05/18 00:31	
Dibromochloromethane	ug/L	ND	1.0	12/05/18 00:31	
Dibromomethane	ug/L	ND	1.0	12/05/18 00:31	
Dichlorodifluoromethane	ug/L	ND	1.0	12/05/18 00:31	
Ethylbenzene	ug/L	ND	1.0	12/05/18 00:31	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	12/05/18 00:31	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	12/05/18 00:31	

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REPORT OF LABORATORY ANALYSIS

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

METHOD BLANK: 2442481 Matrix: Water
Associated Lab Samples: 2612028011, 2612028013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	ND	2.0	12/05/18 00:31	
Methylene Chloride	ug/L	ND	2.0	12/05/18 00:31	
n-Butylbenzene	ug/L	ND	1.0	12/05/18 00:31	
n-Propylbenzene	ug/L	ND	1.0	12/05/18 00:31	
Naphthalene	ug/L	ND	1.0	12/05/18 00:31	
o-Xylene	ug/L	ND	1.0	12/05/18 00:31	
p-Isopropyltoluene	ug/L	ND	1.0	12/05/18 00:31	
sec-Butylbenzene	ug/L	ND	1.0	12/05/18 00:31	
Styrene	ug/L	ND	1.0	12/05/18 00:31	
tert-Butylbenzene	ug/L	ND	1.0	12/05/18 00:31	
Tetrachloroethene	ug/L	ND	1.0	12/05/18 00:31	
Toluene	ug/L	ND	1.0	12/05/18 00:31	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/05/18 00:31	
Trichloroethene	ug/L	ND	1.0	12/05/18 00:31	
Trichlorofluoromethane	ug/L	ND	1.0	12/05/18 00:31	
Vinyl chloride	ug/L	ND	1.0	12/05/18 00:31	
1,2-Dichloroethane-d4 (S)	%	96	70-130	12/05/18 00:31	
4-Bromofluorobenzene (S)	%	97	70-130	12/05/18 00:31	
Toluene-d8 (S)	%	108	70-130	12/05/18 00:31	

LABORATORY CONTROL SAMPLE: 2442482

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.1	106	70-130	
1,1,1-Trichloroethane	ug/L	50	49.2	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.9	100	70-130	
1,1,2-Trichloroethane	ug/L	50	52.6	105	70-130	
1,1-Dichloroethane	ug/L	50	48.6	97	70-130	
1,1-Dichloroethene	ug/L	50	48.3	97	70-130	
1,1-Dichloropropene	ug/L	50	49.1	98	70-130	
1,2,3-Trichlorobenzene	ug/L	50	50.1	100	70-130	
1,2,3-Trichloropropane	ug/L	50	53.3	107	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.7	99	70-130	
1,2,4-Trimethylbenzene	ug/L	50	47.3	95	70-131	
1,2-Dibromo-3-chloropropane	ug/L	50	50.5	101	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.4	105	70-130	
1,2-Dichlorobenzene	ug/L	50	47.2	94	70-130	
1,2-Dichloroethane	ug/L	50	47.8	96	70-130	
1,2-Dichloropropane	ug/L	50	50.9	102	70-130	
1,3,5-Trimethylbenzene	ug/L	50	46.8	94	70-130	
1,3-Dichlorobenzene	ug/L	50	48.0	96	70-130	
1,3-Dichloropropane	ug/L	50	53.8	108	70-131	
1,4-Dichlorobenzene	ug/L	50	47.1	94	70-130	
1,4-Dioxane (p-Dioxane)	ug/L	1000	960	96	59-169	

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Peachtree Corners, GA 30092
(770)734-4200

QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

LABORATORY CONTROL SAMPLE: 2442482

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	52.5	105	69-130	
2-Chlorotoluene	ug/L	50	48.7	97	70-130	
4-Chlorotoluene	ug/L	50	48.5	97	70-130	
Benzene	ug/L	50	51.7	103	70-130	
Bromobenzene	ug/L	50	49.2	98	70-130	
Bromochloromethane	ug/L	50	51.0	102	70-130	
Bromodichloromethane	ug/L	50	49.4	99	70-130	
Bromomethane	ug/L	50	41.6	83	38-128	
Carbon tetrachloride	ug/L	50	50.5	101	70-130	
Chlorobenzene	ug/L	50	48.4	97	70-130	
Chloroethane	ug/L	50	41.5	83	37-142	
Chloroform	ug/L	50	47.3	95	70-130	
Chloromethane	ug/L	50	47.0	94	48-120	
cis-1,2-Dichloroethene	ug/L	50	48.3	97	70-130	
Dibromochloromethane	ug/L	50	53.3	107	70-130	
Dibromomethane	ug/L	50	50.7	101	70-130	
Dichlorodifluoromethane	ug/L	50	45.7	91	53-134	
Ethylbenzene	ug/L	50	48.6	97	70-130	
Hexachloro-1,3-butadiene	ug/L	50	50.6	101	68-132	
Isopropylbenzene (Cumene)	ug/L	50	51.3	103	70-130	
m&p-Xylene	ug/L	100	99.6	100	70-130	
Methylene Chloride	ug/L	50	49.0	98	67-132	
n-Butylbenzene	ug/L	50	48.8	98	72-132	
n-Propylbenzene	ug/L	50	50.7	101	70-130	
Naphthalene	ug/L	50	48.9	98	70-130	
o-Xylene	ug/L	50	50.6	101	70-130	
p-Isopropyltoluene	ug/L	50	47.6	95	70-130	
sec-Butylbenzene	ug/L	50	50.2	100	70-130	
Styrene	ug/L	50	50.7	101	70-130	
tert-Butylbenzene	ug/L	50	38.5	77	66-130	
Tetrachloroethene	ug/L	50	50.9	102	69-130	
Toluene	ug/L	50	46.2	92	70-130	
trans-1,2-Dichloroethene	ug/L	50	47.9	96	70-130	
Trichloroethene	ug/L	50	51.5	103	70-130	
Trichlorofluoromethane	ug/L	50	48.0	96	63-126	
Vinyl chloride	ug/L	50	50.4	101	70-131	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE SAMPLE: 2443192

Parameter	Units	92408715009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20.6	103	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	20.4	102	82-143	

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QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

MATRIX SPIKE SAMPLE: 2443192

Parameter	Units	92408715009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20.3	101	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	20.8	104	70-135	
1,1-Dichloroethane	ug/L	ND	20	20.1	101	72-139	
1,1-Dichloroethene	ug/L	ND	20	20.3	101	81-154	
1,1-Dichloropropene	ug/L	ND	20	19.6	98	79-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	17.9	89	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	20.7	103	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	18.3	92	73-140	
1,2,4-Trimethylbenzene	ug/L	ND	20	19.3	97	71-142	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20.3	102	65-134	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20.6	103	72-137	
1,2-Dichlorobenzene	ug/L	ND	20	19.2	96	70-133	
1,2-Dichloroethane	ug/L	ND	20	19.9	100	73-137	
1,2-Dichloropropane	ug/L	ND	20	20.5	102	79-140	
1,3,5-Trimethylbenzene	ug/L	ND	20	18.8	94	76-139	
1,3-Dichlorobenzene	ug/L	ND	20	19.1	96	70-135	
1,3-Dichloropropane	ug/L	ND	20	21.2	106	76-143	
1,4-Dichlorobenzene	ug/L	ND	20	18.8	94	70-133	
1,4-Dioxane (p-Dioxane)	ug/L	ND	400	396	99	53-168	
2,2-Dichloropropane	ug/L	ND	20	21.4	107	61-148	
2-Chlorotoluene	ug/L	ND	20	20.1	101	73-144	
4-Chlorotoluene	ug/L	ND	20	19.1	96	76-137	
Benzene	ug/L	ND	20	20.7	103	72-151	
Bromobenzene	ug/L	ND	20	19.5	97	70-136	
Bromochloromethane	ug/L	ND	20	20.9	105	77-141	
Bromodichloromethane	ug/L	ND	20	19.7	98	76-138	
Bromomethane	ug/L	ND	20	15.3	76	15-152	
Carbon tetrachloride	ug/L	ND	20	20.6	103	70-143	
Chlorobenzene	ug/L	ND	20	19.7	98	70-138	
Chloroethane	ug/L	ND	20	21.0	105	52-163	
Chloroform	ug/L	ND	20	20.3	101	74-139	
Chloromethane	ug/L	ND	20	19.3	97	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	20.0	100	77-141	
Dibromochloromethane	ug/L	ND	20	20.3	101	70-134	
Dibromomethane	ug/L	ND	20	19.8	99	76-138	
Dichlorodifluoromethane	ug/L	ND	20	18.1	90	47-155	
Ethylbenzene	ug/L	ND	20	19.8	99	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	18.1	90	65-149	
Isopropylbenzene (Cumene)	ug/L	ND	20	20.7	103	70-139	
m&p-Xylene	ug/L	ND	40	40.9	102	69-152	
Methylene Chloride	ug/L	ND	20	19.8	99	42-159	
n-Butylbenzene	ug/L	ND	20	18.7	94	76-139	
n-Propylbenzene	ug/L	ND	20	20.5	102	77-144	
Naphthalene	ug/L	ND	20	18.8	94	61-148	
o-Xylene	ug/L	ND	20	20.3	102	73-148	
p-Isopropyltoluene	ug/L	ND	20	18.7	94	73-146	
sec-Butylbenzene	ug/L	ND	20	20.3	101	80-141	

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(770)734-4200

QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

MATRIX SPIKE SAMPLE: 2443192

Parameter	Units	92408715009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	ND	20	20.4	102	70-135	
tert-Butylbenzene	ug/L	ND	20	15.9	79	70-130	
Tetrachloroethene	ug/L	ND	20	20.5	103	59-143	
Toluene	ug/L	ND	20	19.1	96	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	20.0	100	76-146	
Trichloroethene	ug/L	ND	20	20.8	104	77-147	
Trichlorofluoromethane	ug/L	ND	20	20.7	103	76-148	
Vinyl chloride	ug/L	ND	20	20.2	101	70-156	
1,2-Dichloroethane-d4 (S)	%				95	70-130	
4-Bromofluorobenzene (S)	%				101	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 2443193

Parameter	Units	92408668013 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2,4-Trimethylbenzene	ug/L	36.6	35.2	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3,5-Trimethylbenzene	ug/L	24.5	23.7	3	30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
1,4-Dioxane (p-Dioxane)	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
Benzene	ug/L	8.0	6.7	18	30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: Thermo King Louisville
Pace Project No.: 2612028

SAMPLE DUPLICATE: 2443193

Parameter	Units	92408668013 Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Ethylbenzene	ug/L	5.4	4.7	14	30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
Isopropylbenzene (Cumene)	ug/L	ND	.7J		30	
m&p-Xylene	ug/L	12.1	10.7	12	30	
Methylene Chloride	ug/L	ND	ND		30	
n-Butylbenzene	ug/L	ND	ND		30	
n-Propylbenzene	ug/L	ND	ND		30	
Naphthalene	ug/L	7.2	6.6	9	30	
o-Xylene	ug/L	14.6	13.1	11	30	
p-Isopropyltoluene	ug/L	ND	5.5		30	
sec-Butylbenzene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
tert-Butylbenzene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	2.1	1.7	20	30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	102	96	6		
4-Bromofluorobenzene (S)	%	104	106	2		
Toluene-d8 (S)	%	108	105	3		

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

QUALIFIERS

Project: Thermo King Louisville
Pace Project No.: 2612028

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-C Pace Analytical Services - Charlotte

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(770)734-4200

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Thermo King Louisville
Pace Project No.: 2612028

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
2612028001	**SEEP B**	EPA 8260B	445540		
2612028002	**SEEP G**	EPA 8260B	445540		
2612028003	**SEEP H**	EPA 8260B	445540		
2612028004	**SEEP I**	EPA 8260B	445540		
2612028005	**SEEP L**	EPA 8260B	445540		
2612028006	**MASON BRANCH #2**	EPA 8260B	445540		
2612028007	**SEEP #2**	EPA 8260B	445540		
2612028008	**MB #3**	EPA 8260B	445540		
2612028009	**MB #5**	EPA 8260B	445540		
2612028010	**MB #15**	EPA 8260B	445540		
2612028011	**MB #16**	EPA 8260B	445543		
2612028012	**Trip Blank**	EPA 8260B	445083		
2612028013	**Dup-1**	EPA 8260B	445543		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

A.S. 11/26/18

Page: 1 Of 2

Section A Required Client Information:	Section B Required Project Information: A.S. 11/26/18	Section C Invoice Information:
Company: Wood E&I Solutions, Inc. - Kennesaw	Report To: ~~Andreas Shoredits~~ Rhonda Quinn	Attention:
Address: 1075 Big Shanty Road	Copy To:	Company Name:
Suite 100, Kennesaw, GA 30144		Address:
Email: rhonda.quinn@woodplc.com	Purchase Order #:	Pace Quote:
Phone: 770.421.3400 Fax: —	Project Name: Thermo King (T.K.) facility, Louisville, GA	Pace Project Manager: eben.buchanan@pacelabs.com
Requested Due Date: Normal TAT	Project #: 61720790322	Pace Profile #:

Regulatory Agency: —

State / Location: GA

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	VOC by 8260	1,4 Dioxane by 8260 SIM (A.S. 11/26/18)	Residual Chlorine (Y/N)	92408645
1	SEEP B	WT	G	11/26/18	16:05				3				X						X	X		001
2	SEEP G	WT	G	11/26/18	15:50				3				X						X	X		002
3	SEEP H	WT	G	11/26/18	15:45				3				X						X	X		003
4	SEEP I	WT	G	11/26/18	16:15				3				X						X	X		004
5	SEEP L	WT	G	11/26/18	16:25				3				X						X	X		005
6	MASON BRANCH #2	WT	G	11/26/18	15:35				3				X						X	X		006
7	SEEP #2	WT	G	11/26/18	15:55				3				X						X	X		007
8	MB#3	WT	G	11/26/18	17:00				3				X						X	X		008
9	MB#5	WT	G	11/26/18	16:50				3				X						X	X		009
10	MB#15	WT	G	11/26/18	17:10				3				X						X	X		010
11	MB#16	WT	G	11/26/18	16:35				3				X						X	X		011
12	TRIP BLANK	WT	-	NA	NA				3				X						X	X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Site specific VOCs & 1,4-dioxane	WOOD	11/27/18	16:00		11-27-18	1635	N Y Y Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ANDREAS SHOREDITS

SIGNATURE of SAMPLER: DATE Signed: 11-26-2018

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

WO#: 2612028

2612028

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:	Section B Required Project Information: A.S. 11/26/18	Section C Invoice Information:
Company: Wood E&I Solutions, Inc. - Kennesaw	Report To: ~~Andreas Ghorcelis~~ Rhonda Quinn	Attention:
Address: 1075 Big Shanty Road	Copy To:	Company Name:
Suite 100, Kennesaw, GA 30144		Address:
Email: rhonda.quinn@woodplc.com	Purchase Order #:	Pace Quote:
Phone: 770.421.3600 Fax: —	Project Name: Thermo King (T K) facility, Louisville, GA	Pace Project Manager: eben.buchanan@pacelabs.com
Requested Due Date: Normal TAT	Project #: 61220°322	Pace Profile #:

Regulatory Agency

State / Location: GA

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	VOC by 8260	1,4 Dioxane by 8260 SIM	Residual Chlorine (Y/N)	
	MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS																					92408645
13	NoClientID1	WT																	x	x		
14	NoClientID2	WT																	x	x		
15	NoClientID3	WT																		x		
16	DUP 1	WT	G	11/26/18	12:00	—	—		3				x						x			0/3
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						

A.S. 11/26/18

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Site specific VOCs & 1,4-dioxane	[signature] /WOOD	11/27/18	16:00	[signature] /R	11/27/18	1635	4.6	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ANDREAS SHOREDITS

SIGNATURE of SAMPLER: [signature] DATE Signed: 11-26-2018

WO#: 2612028

PM: EDB Due Date: 12/05/18

CLIENT: Wood PLC

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: February 7, 2018 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.06	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☑ Raleigh ☐ Mechanicsville ☐

Sample Condition Upon Receipt

Client Name: Wood E&I

Project

WO#: 2612028
PM: EDB Due Date: 12/05/18
CLIENT: Wood PLC

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:____

Custody Seal Present? ☐ Yes ☐ No Seals Intact? ☐ Yes ☐ No

Date/Initials Person Examining Contents:

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☐ N/A

Thermometer: ☐ IR Gun ID: 92T046 Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp (°C): 1.6 Correction Factor: Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): _____

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☐ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☐ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☑ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: [signature] Date: 11/29

Project Manager SRF Review: [signature] Date: 11/29

EVER GUILLEN

WATER FIELD SAMPLING REPORT

PROJECT NO: 6122-09-0322

Wood Environment & Infrastructure Solutions, Inc
A-S. 11/26/18 1075 BIG SHANTY ROAD SUITE 100 KENNESAW GA 30144
PHONE: (770) 421-3400 / FAX: (770) 421-3486

MANSON BRANCH #2A

LOCATION ID:_____ DEPTH TO PRODUCT:_____ DATE: 11-26-2018

PURGE METHOD: NA TIME: NA

SAMPLE METHOD: SESDPROC 201-R3 SURFACE WATER GRAB (x) COMPOSITE ( )

DUP./REP. OF:_____ DEPTH TO WATER:_____

TOTAL DEPTH:_____

Arrived at:_____ PURGE VOLUME:___NA_____

Initial PID = _____

Bailing PID = _____

TIME	VOL. PURGED (gal)	pH	TEMPERATURE (°C)	SPEC. COND. (mS/cm)	TURB. (NTU)	DO	ORP	Pump Rate ml/min. (& pump setting)	New Water Level
Initial: 1535	MB-2	4.73	12.8	0.06	36.8			( )	
1545	Seep H	3.95	14.5	0.06	2,31				
1550	Seep G	4.23	12.8	0.04	715				
1555	Seep #2	4.36	12.8	0.03	105				
1605	Seep B	4.11	13.7	0.10	982				
1615	Seep I	4.70	11.7	0.05	478				
1625	Seep L	4.70	11.6	0.06	997				
1635	MB-16	4.70	11.8	0.06	323				
1650	MB-5	5.50	12.7	0.08	13.4				
1700	MB-3	5.47	12.7	0.08	6.42				
1710	MB-15	5.51	12.5	0.08	6.26				

COMMENTS:

CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
40 mL GL	3	HCL	8260	Site-Specific VOCs +14-Dioxane [See Sampling Scope of Work]

GENERAL INFORMATION		
WEATHER:		
SHIPPED VIA:	FedEX or lab courier	
SHIPPED TO:	PACE -Huntersville, NC	
SAMPLER:		OBSERVER:

[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]
[0.653 x water column height (ft) x 3 (well volumes) for 4" wells]

APPENDIX B

INSPECTION CHECKLISTS FOR RIP-RAP BLANKET AND THE TYPE 5 RRS AREA COVERED BY THE BUILDING FLOOR SLAB AND ADJACENT EXTERIOR AREA ON THE EAST SIDE OF THE BUILDING

Inspection Checklist

Building Concrete Floor Slab and Exterior Area Adjacent to the East Side of the Building

Thermo King, Louisville, Georgia

Condition	Yes	No	Description
1. Are there any cracks in the surface of the concrete floor slab or exterior east side area paving greater than 1/8" in width that would allow direct contact with the soil?	X		Cracks/gaps were observed in the interior floor slab expansion joints. The material filling the expansion joints is deteriorating Soil is not visible in the cracks/gaps.
a. Crack location:	X		Columns J1-L1, K8-L8, L2-L3, O2-O3, L7-L8, M14-L14, M1-N1, N1-O1, N5-N6, N8-N9, N9-N10, L1 to eastern building wall, O1 to eastern building door, O12-O13, P5-P6, P8-Q8 Type 5 RRS area on the exterior of building - asphalt paved area on the eastern side of building has cracks
b. Crack length:	X		Inches in length
c. Crack width:	X		1/8 to 1 inch, soil is not visible in inside the building. Type 5 RRS area on the exterior of the building – gravel base below pavement is visible.
2. Are there any signs of settlement?	X		
a. Location of settlement:	X		Previously noted area at Columns M3-N3 is 48 inches long x 6 inches wide and less than 1 inch deep. Area covered with floor sealant.
b. Severity of settlement:	X		Minor, floor sealant is intact
3. Is there any floor/wall separation on interior or exterior walls?		X	
a. Location of separation:		NA	
b. Separation width:		NA	
4. Is there any ponding of water?	X		Roof leaks from recent heavy rainfall
a. Location:	X		Puddles at Columns O2-N2, P5-P6, and a line of puddles along columns K8-K4
b. Size (Diameter):	X		Puddles cover areas of 5 inches to 2 feet and about ¼-inch depth

Condition	Yes	No	Description
5. Are expansion joints sealed?	X		Mostly intact but showing signs of deterioration
a. Location:			See Item #1
b. Condition of sealing material:			Deteriorating in some locations
6. Are there areas where concrete or exterior area paving have been repaired/replaced?		X	No repairs observed in last 3 years
a. Location:		NA	
7. Are there any areas of discoloration and/or staining in the concrete or exterior area paving?		X	
a. Location:		NA	
b. Size (Diameter):		NA	
c. Apparent Source:		NA	
8. Is there any evidence of animals burrowing underneath the slab or exterior area paving?		X	
a. Location:		NA	
b. Diameter of hole:		NA	
9. Is the fence surrounding the building intact?	X		
a. Location of damage:	NA		
b. Type of damage:	NA		
10. Is vegetation growing up through slab or exterior area?	X		Grass at the exterior Type 5 RRS area. No vegetation inside building.
a. Location of vegetation:			Type 5 exterior asphalt paved area on the eastern side of building
b. Size of area:			From exterior of eastern building wall to more than 10 feet away from building wall

Additional Inspection Items	Y	N	N/A	Location
Abrasion		X		
Blistering	X			Floor sealant bubbled up in area between columns L4-M4. Noted in prior inspections.
Chemical Deterioration		X		
Honeycombing		X		
Pitting	X			Shallow pitting in area of columns L12-M12, L4-M4, O1 to eastern wall, P4-P5, and P5-P6. Noted in prior inspections.
Reinforcement Corrosion			X	Reinforcement structure not visible for inspection
Spalling		X		
Other	X			Area previously noted during plant closure - a 4-4.5-foot concrete square cut and filled with gravel at a location between columns M & N and approximately 2 feet inside of eastern building wall. .

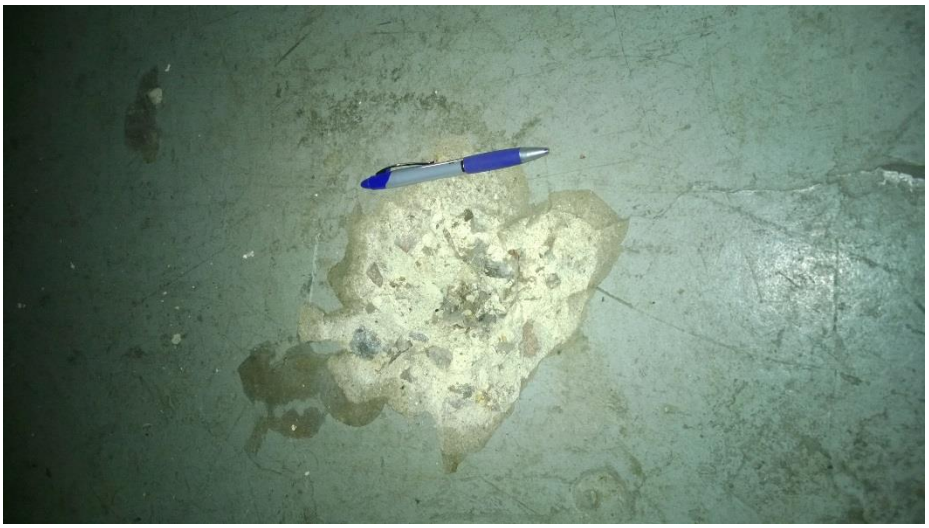
Inspector: Andreas Shoredits **Company: Wood E&I** **Date: 11/27/2018**

Thermo King Concrete Building Slab
Louisville, Georgia
Photographic Log

Client: Ingersoll Rand
Location: Thermo King, Louisville, Georgia
Project: Building floor slab inspection
Date: 11/27/2018
Photo #: 20181127.015
Photographer: A. Shoredits
Description: Interior of building in the Type 5 RRS Area floor slab. Material in expansion joint, showing deterioration

Client: Ingersoll Rand
Location: Thermo King, Louisville, Georgia
Project: Building floor slab inspection
Date: 11/27/2018
Photo #: 20181127.019
Photographer: A. Shoredits
Description: Typical sealed expansion joint in Type 5 RRS Area.

Client: Ingersoll Rand
Location: Thermo King, Louisville, GA
Project: Building floor slab inspection
Date: 11/27/2018
Photo #: 20181127.016
Photographer: A. Shoredits
Description: Previously noted - floor slab repair showing past subsidence (top of photo) in the Type 5 RRS Area inside of the building.



Client: Ingersoll Rand
Location: Thermo King, Louisville, GA
Project: Building floor slab inspection
Date: 11/27/2018
Photo #: 20181127.018
Photographer: A. Shoredits
Description: Previously noted - pitting observed on floor in the Type 5 RRS Area inside of the building.

Client: Ingersoll Rand
Location: Thermo King, Louisville, GA
Project: Building floor slab inspection
Date: 11/27/2018
Photo #: 20181127.021
Photographer: A. Shoredits
Description: Photo is looking west toward building. Exterior Type 5 RRS Area extends about 10 feet from the building's east wall. Asphalt pavement in the 10-foot wide exterior Type 5 RRS Area has cracks and some vegetation.

Client: Ingersoll Rand
Location: Thermo King, Louisville, GA
Project: Building floor slab inspection
Date: 11/27/2018
Photo #: 20181127.020
Photographer: A. Shoredits
Description: Photo is looking north. Exterior Type 5 RRS Area on the east side of the building is on the left side of photo. Area beyond the Type 5 RRS 10-foot wide zone (to the right) has more vegetation. Fence enclosing the area is in background.

Client: Ingersoll Rand
Location: Thermo King, Louisville, GA
Project: Building floor slab inspection
Date: 11/27/2018
Photo #: 20181127.014
Photographer: A. Shoredits
Description: Area previously noted during plant closure - a 4-4.5-foot concrete square cut and filled with gravel at a location between columns M & N and approximately 2 feet inside of eastern building wall.

Rip-Rap Blanket Inspection Checklist - Thermo King, Louisville, Georgia

Inspection Item	Observation		Condition			Weather Conditions: Sunny 38°F
	Yes	No	NA	MN	IA	Comments (Indicate Locations on Figure D-2 and Attach)
1. Access Road	X			X		Some erosion along road margins. Does not currently interfere with function of rip-rap blanket, but needs to be addressed to prevent further deterioration of access road. Remove dead trees laying across the road.
Erosion	X			X		Some erosion along margins of the road
Ruts/Depressions	X			X		Some ruts starting to form along road margins and across road bed.
Excess Vegetation/Fallen Trees	X			X		Dead trees have fallen across the road and are blocking vehicle access. Area is accessible on foot.
2. Rip-Rap Flume To Check Dam	X			X		Remove tree saplings and weeds. Remove sediment accumulation on the upslope side of check dam to the extent possible and add additional rip-rap material
Erosion		X	X			
Settlement of Rip-Rap		X	X			
Sediment Build-up in Check Dam	X			X		Sediment accumulation on the upslope side of check dam.
Excess Vegetation/Fallen Trees	X			X		Tree saplings and weeds growing up in rip-rap, no fallen trees on flume
3. MB#2 Rip-Rap Blanket	X			X		Remove tree saplings and weeds. Also add rip-rap around sampling vault
Erosion		X	X			
Settlement of Rip-Rap	X			X		Rip-rap around sampling vault is starting to settle
Water Flowing on Surface		X	X			
Sediment Build-up/Plugging		X	X			
Excess Vegetation/Fallen Trees	X			X		Tree saplings and weeds growing up in rip-rap
Sampling Vault Condition	X			X		Rip-rap starting to settle around sampling vault area, need more rip-rap
4. Seep H Rip-Rap Blanket	X			X		Remove tree saplings and weeds.
Erosion		X	X			
Settlement of Rip-Rap		X	X			

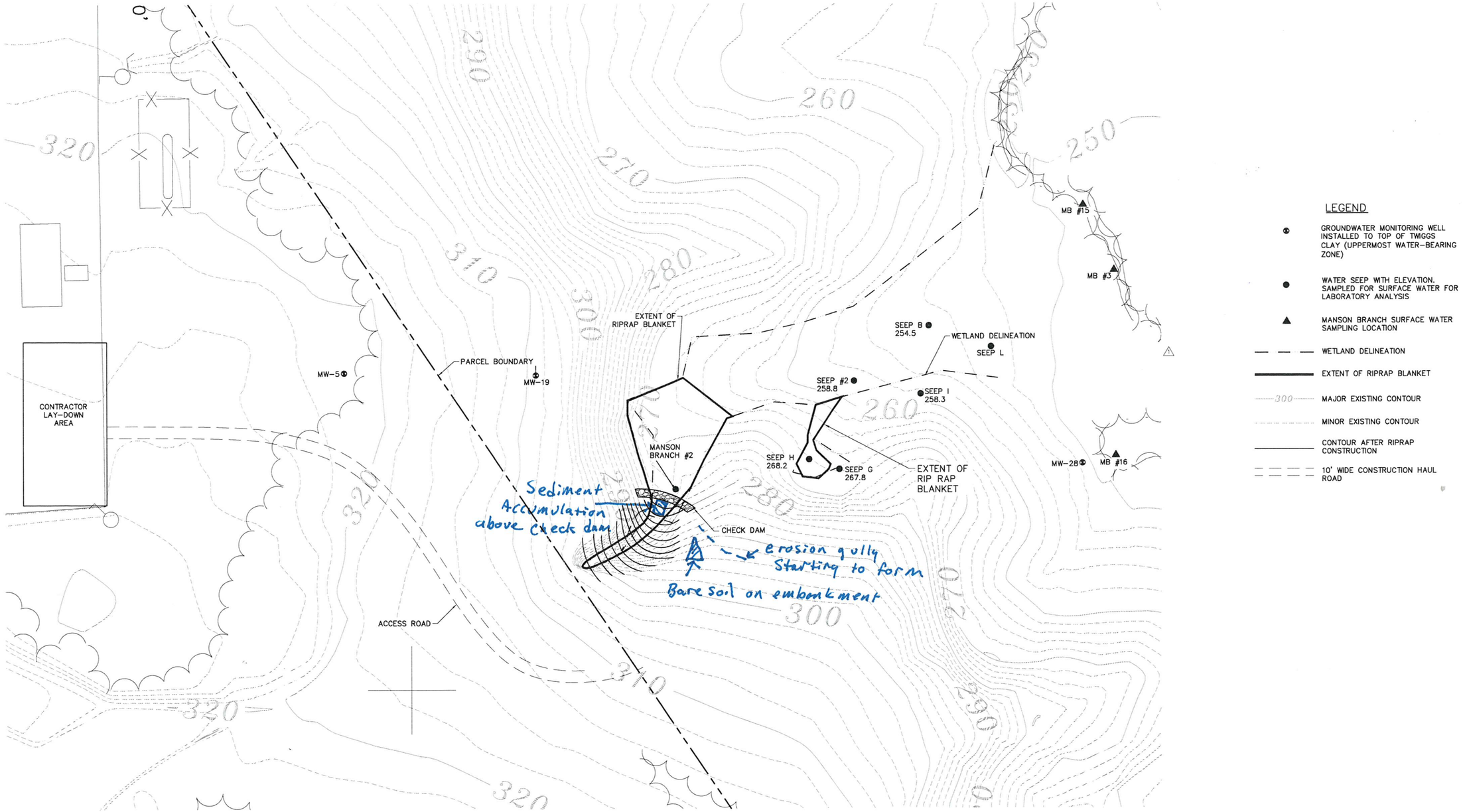
Rip-Rap Blanket Inspection Checklist – Thermo King, Louisville, Georgia

Inspection Item	Observation		Condition			Weather Conditions: Sunny 38°F
	Yes	No	NA	MN	IA	Comments (Indicate Locations on Figure D-2 and Attach)
4. Seep H Rip-Rap Blanket-continued						
Water Flowing on Surface		X	X			
Sediment Build-up/Plugging		X	X			
Excess Vegetation/Fallen Trees	X			X		Tree saplings and weeds growing up in rip-rap
Sampling Vault Condition		X	X			
5. Vegetated Embankment	X			X		Bare spot where vegetation is not currently growing needs to be re-seeded. Formation of a small erosion gully starting to form near oak tree needs to be addressed.
Erosion	X			X		Near the upper side small erosion gully starting to form near an oak tree, exposing the tree's roots
Fallen Trees		X	X			Small branches scattered across embankment
Bare Spots	X			X		A bare spot on eastern portion of south side embankment where vegetation is not currently growing.
6. Other Observations						

Date of Inspection:	11/27/2018	**Inspector:**	Andreas Shoredits
		(Print)	ANDREAS SHOREDITS
		(Signature)	

1/11/2019

NA = No Action Needed
MN = Maintenance Needed
IA = Immediate Attention Needed



© COPYRIGHT 2018 AMEC

DESIGNED		THERMO KING CORPORATION LOUISVILLE, GEORGIA	RIPRAP BLANKET AREA
DRAWN T. GLADSTONE		wood. ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC. 1075 BIG SHANTY ROAD, NW, SUITE 100 KENNESAW, GEORGIA 30144 (770) 421-3400	FIGURE D-2
CHECKED R. QUINN			SCALE AS SHOWN
IN CHARGE D. ALCOTT			CONTRACT 6122-09-0322
DATE 11/12/2018			DWG. NO. / REV / PAGE NO.

J:\Thermo King\OCT 2018\RIPRAP BLANKET AREA.dwg - PROPOSED IMPROVEMENTS 11/13/2018 11:44am Tonya.Gladstone

Thermo King Rip Rap Blanket
Louisville, Georgia
Photographic Log

Client: Ingersoll Rand
Location: Thermo King, Louisville, Georgia
Project: Rip-rap Blanket Inspection
Date: 11/27/2018
Photo #: 201827.034
Photographer: A. Shoredits
Description: Rip-rap blanket looking down slope. Vegetation in blanket

Client: Ingersoll Rand
Location: Thermo King, Louisville, Georgia
Project: Rip-rap Blanket Inspection
Date: 11/27/2018
Photo #: 201827.036
Photographer: A. Shoredits
Description: Embankment above rip-rap showing good vegetative cover.

Thermo King Rip Rap Blanket
Louisville, Georgia
Photographic Log

Client: Ingersoll Rand
Location: Thermo King, Louisville, GA
Project: Rip-rap Blanket Inspection
Date: 11/27/2018
Photo #: 201827.041
Photographer: A. Shoredits
Description: Sediment accumulation above check dam at MB#2 rip-rap blanket

Client: Ingersoll Rand
Location: Thermo King, Louisville, GA
Project: Rip-rap Blanket Inspection
Date: 11/27/2018
Photo #: 201827.049
Photographer: A. Shoredits
Description: Rip-rap blanket looking upslope from MB#2. Saplings and weeds in rip-rap.

Thermo King Rip Rap Blanket
Louisville, Georgia
Photographic Log

Client: Ingersoll Rand
Location: Thermo King, Louisville, GA
Project: Rip-rap Blanket Inspection
Date: 11/27/2018
Photo #: 201827.032
Photographer: A. Shoredits
Description: Rip-rap blanket at the top of the slope looking down slope toward seep MB#2

Client: Ingersoll Rand
Location: Thermo King, Louisville, GA
Project: Rip-rap Blanket Inspection
Date: 11/27/2018
Photo #: 201827.046
Photographer: A. Shoredits
Description: Rip-rap check dam and sampling vault

Georgia Environmental Protection Division
Land Protection Branch
Response and Remediation Program
Response Development Units 1 – 3

2 Martin Luther King Jr. Dr. SE
Suite 1054 East Tower
Atlanta, Georgia 30334
Phone: 404-657-8600

Document Submittal Form

Instructions: This form should be completed and included with any document submitted to the Response and Remediation Program, Response Development Units 1 – 3, that is greater than 25 pages in length or that contains paper sizes larger than 11"x17". This includes Release Notifications and documents related to Hazardous Site Inventory and Voluntary Remediation Program sites. Contact Brownfield Unit staff for Brownfield submittal guidelines. Your cooperation helps to ensure that documents are filed correctly, completely, and efficiently.

Name of Document:	Post VRP CSR Monitoring Report 2018
Date of Document:	January 31, 2019
Site Name:	Thermo King Corporation – Louisville, Georgia
Site ID Number:	HSI 10702/Parcel 0090-024

Document Submittal Checklist. Please certify that the submittal includes the following by checking each box as appropriate. Items 1 – 3 should be checked / included / certified for each submittal:

☒ 1. One paper copy of the document (double-sided is preferred)

☒ 2. Two compact discs (CDs), each containing an electronic copy of the document as a single, searchable, Portable Document Format (PDF) file. Only one CD is needed for Release Notifications. CDs should be labeled at a minimum with the following: 1) Name of Document, 2) Date of Document, 3) Site Name, and 4) Site Number. Any scanned images should have a resolution of at least 300 dpi and should be in color if applicable.

☒ 3. The electronic copies are complete, virus free, and identical to the paper copy except as described in Item 4 below.

☐ 4. (Optional) To reduce the size of the paper copy, certain voluminous information has been omitted from the paper copy and is included only with the electronic copies:

- ☐ laboratory data sheets
- ☐ manifests
- ☐ other: NA

I certify that the information I am submitting is, to the best of my knowledge and belief, true, accurate, and complete.

Signature: 

Name (printed): Rhonda N. Quinn

Date: 1/31/2019

Organization: Wood Environment&Infrastructure Inc

Phone: 770-421-3400

Email: rhonda.quinn@woodplc.com

Receipt Date
(for EPD use only)