VOLUNTARY REMEDIATION PROGRAM
COMPLIANCE STATUS REPORT ADDENDUM

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: December 20, 2018

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

Project No.: 6122-09-0322

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Ingersoll Rand

December 19, 2018

1 Paper Copy and 2 CDs

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: **Voluntary Remediation Program Compliance Status Report Addendum**
Thermo King Corporation - Louisville, Jefferson County, Georgia
HSI Site No. 10702 Tax Parcel 0090-024

Dear Ms. Daniels:

Ingersoll Rand Company is hereby submitting three copies (one paper copy and two PDF copies on compact discs) of the attached Voluntary Remediation Program (VRP) Compliance Status Report (CSR) Addendum for the Thermo King Corporation site in Louisville, Georgia to the Georgia Environmental Protection Division (GEPD). This report was prepared to comply with GEPD's request for a CSR Addendum per the May 24, 2018 letter approving the Soil Investigation Work Plan.

Please review the attached information and call me at (704) 990-3250 or email Michael.Goldstein@irco.com with any questions you may have.

Sincerely,

Michael Goldstein
Ingersoll Rand Company
Environmental, Health, and Safety
Global Remediation and Transaction Manager

cc: Rhonda Quinn – Wood Environment & Infrastructure Solutions, Inc. (1 paper copy and 1 PDF copy on CD)
Dave Sordi – BSI EHS Services and Solutions (1 PDF copy on CD)

Attachment: Voluntary Remediation Program Compliance Status Report Addendum (1 paper copy and 2 CDs)

wood.

December 19, 2018

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Mr. Michael Goldstein
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Subject: **Voluntary Remediation Program Compliance Status Report Addendum**
Thermo King Corporation - Louisville, Jefferson County, Georgia
HSI Site No. 10702 Tax Parcel 0090-024
Wood Project 6122-09-0322

Dear Mr. Goldstein:

Wood Environment & Infrastructure Solutions, Inc. (Wood) is pleased to submit the attached Voluntary Remediation Program Compliance Status Report Addendum for the Thermo King Corporation site in Louisville, Georgia. This report is for your submittal to the Georgia Environmental Protection Division (GEPD). This report was prepared to comply with EPD's request for a Compliance Status Report Addendum per the May 24, 2018 letter approving the Soil Investigation Work Plan.

We appreciate the opportunity to provide environmental consulting services to the Ingersoll Rand Company and Thermo King Corporation. Please contact us at 770-421-3400 with any questions or comments regarding this report.

Sincerely,
Wood Environment & Infrastructure Solutions, Inc.

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

A. David Alcott
Senior Associate Engineer

cc: Dave Sordi – BSI EHS Services and Solutions (PDF on CD)

Enclosure

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CERTIFICATION OF COMPLIANCE WITH RISK REDUCTION STANDARDS

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

Based on my review of the findings of this report with respect to the Rules for Hazardous Site Response, Rule 391-3-19.07 and in compliance with the provision, purposes, standards, and policies of the Voluntary Remediation Program Statue 12-8-108, I have determined that the areas of the property affected by releases comply with the following risk reduction standards (RRS):

- The surface and subsurface soils on the subject property comply with Type 1 RRS for VOCs, except for 1,4-dioxane and trichloroethene in soils underlying the central portion of the building floor slab in the area where former degreaser operations were conducted and extending to the exterior adjacent to the east side of the building. Soils in these areas comply with the Type 5 RRS for 1,4-dioxane and trichloroethene and are subject to an engineering control (building floor slab and pavement) and an Environmental Covenant.

- The uppermost groundwater-bearing zone on the subject property complies with Type 1 RRS for VOCs, except for trichloroethene and hexachlorobutadiene. The uppermost groundwater-bearing zone complies with the Type 4 RRS for hexachlorobutadiene and with the Type 5 RRS for trichloroethene in the area of and downgradient of the former south settling pond. The uppermost groundwater-bearing zone is subject to an Environment Covenant. The uppermost groundwater discharges as seeps along the western slope above Manson Branch. VOC concentrations in several seeps located generally downgradient from the former south settling pond exceed Georgia In-Stream Water Quality Criteria (ISWQC). These seeps are covered with a rip-rap blanket (engineering control) and are subject to an Environmental Covenant.

- The intermediate groundwater-bearing zone on the subject property complies with Type 1 RRS for VOCs, except for 1,1-dichloroethene, cis-1,2-dichloroethene, trichloroethene, and vinyl chloride. Groundwater in this zone complies with Type 2 RRS for 1,1-dichloroethene and with the Type 5 RRS for cis-1,2-dichloroethene, trichloroethene, and vinyl chloride and is subject to an Environmental Covenant.

Certified By:

12/19/18

Michael Goldstein
Global Remediation and Transaction Manager
Ingersoll Rand Company

Date:

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.

12-19-18

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

Date

1.0 INTRODUCTION AND BACKGROUND

The subject site is located on approximately 110.5 acres at 1430 Highway 24 East, Louisville, Jefferson County, Georgia (Figure 1). The Louisville facility manufactured refrigeration units used to refrigerate cargo container boxes, tractor-trailers, and buses. Manufacturing activities included metal fabrication, machining, welding, deburring, cleaning, painting, assembly, and testing of finished refrigeration units. At the end of 2012, Thermo King ceased manufacturing and closed the facility. The property and buildings remain generally as they were at the time of facility closure.

Chlorinated solvents (trichloroethene and 1,1,1-trichloroethane) were used at the site from 1965 until 1997 to remove oils from machined metal components. The solvents were stored in aboveground storage tanks and were used for varying periods of time in three vapor degreasers located inside the manufacturing building. The general storage and use of these solvents over a 30-year period resulted in impacts of volatile organic compounds (VOCs) to soil and groundwater on the Thermo King property. On October 2, 2001, the EPD listed the site on the Hazardous Sites Inventory (HSI) due to the detection of VOCs in groundwater at levels exceeding reportable quantities and the presence of a water-supply well within a ½-mile radius of the site.

Between 2000 and 2010, several investigations were conducted to evaluate the presence of VOCs in soil and the extent and migration of VOCs in groundwater. A Hazardous Sites Response Act (HSRA) Compliance Status Report (CSR) (December 2003) and a Revised CSR (March 2007) were submitted to EPD documenting the delineation of VOCs in the soil and groundwater and certifying non-compliance with Risk Reduction Standards (RRS). EPD conditionally approved the Revised CSR on June 30, 2009 and requested a Corrective Action Plan (CAP). In lieu of the CAP, Thermo King submitted a Voluntary Remediation Program (VRP) Application (January 29, 2010 and December 22, 2010) to enter the site into the VRP. On March 10, 2011, EPD accepted the site into the VRP.

Corrective measures conducted under the VRP consisted of:

- the installation and maintenance of a rip-rap blanket over seeps where VOC concentrations exceeded In-Stream Water Quality Criteria (ISWQC),
- groundwater contaminant fate and transport modeling to demonstrate no off-property migration of impacted groundwater above drinking water standards,
- five years of groundwater monitoring (June 7, 2011 through December 16, 2015) to validate the model predictions,
- seep and surface water monitoring have been conducted from June 2011 to the present,

- designation and subsequent inspection/maintenance of the floor slab as an exposure barrier to underlying soil impacts, and
- execution of an environmental covenant as an institutional control to limit potential exposure to contaminants.

A VRP CSR was prepared and submitted to EPD on March 10, 2016. EPD provided comments on the VRP CSR in correspondence dated November 30, 2017. A response to the November 30, 2017 comments was submitted to EPD on January 31, 2018 and included revised tables, figures and RRS certification and a proposed plan for well abandonment. On March 12, 2018, EPD issued comments on the January 31, 2018 responses. The March 12, 2018 letter requested a Work Plan for additional soil sampling and a schedule.

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 May 2018 comments requested the addition of soil sampling for 1,4-dioxane in the former south settling pond boring SB-112 area because the previous results had laboratory detection limits above the RRS. GAEPD also requested two additional soil borings for the area inside of the building and to conduct 1,4-dioxane analysis using USEPA method 8260 selected ion monitoring (SIM) to achieve laboratory quantitation limits below the RRS. This Compliance Status Report (CSR) Addendum requested by EPD in their May 24, 2018 comments documents the soil investigation and responds to the May 2018 comments. A response to the comments are provided in Appendix A.

2.0 DESCRIPTION OF THE SOIL INVESTIGATION

Three degreasers were operated inside of the central portion of the manufacturing building from the 1960s to 1997. Trichloroethene (TCE) and later 1,1,1-trichloroethane (TCA) were the solvents used in degreasing operations. The TCA contained 1,4-dioxane, added by the manufacturer, as a stabilizer. The 1,4-dioxane is more persistent in soils than is the TCA.

Soils in the vicinity of the degreasers were impacted with TCE, TCA, and 1,4-dioxane (Tables 2 and 3). Because the concentrations of the TCE, TCA, and 1,4-dioxane in the surface and subsurface soils in and around the degreaser areas were greater than the Types 1 through 4 Risk Reduction Standards (RRS) for these constituents, the degreaser areas were designated as a Type 5 RRS area under VRP. Except for an exterior area immediately adjacent to the east side of the building, VOC concentrations in soils in locations outside of the building were less than the Types 1 to 4 RRSs. In accordance with Georgia HSRA Rules 391-3-19-.07(10), compliance with Type 5 standards requires that Type 1, 2, 3, or 4 RRSs be met beyond the boundary of the area for which compliance with Type 5 standards are sought. There were no soil data available prior to the September 2018 investigation from the eastern area inside the building having VOC concentrations meeting the Types 1 through 4 RRSs surrounding the Type 5 RRS area such that the Type 5 area could be limited to inside the building. As such, EPD requested additional soil investigation in the degreaser areas to define the boundaries of the Type 5 area. Delineation of a Type 5 RRS area is needed because under the VRP a Type 5 area requires an engineering control barrier to prohibit exposure to the soils and an O & M Plan to provide for annual inspections, maintenance and documentation of the continued integrity of the barrier. Soil borings SB-300 to SB-309 were drilled and sampled on September 18 to 20, 2018 to collect data to better define the footprint of soils with VOC concentrations compliant with the Type 5 standard in the former degreaser operations areas (Table 1).

Previously drilled soil boring SB-112 located in the former south settling pond area had a 1,4-dioxane result of <26000 µg/kg in the sample interval of 18 to 19 feet, above the site's approved 1,4-dioxane RRS of 500 µg/kg. The same sample interval had a TCE concentration of 560 µg/kg which was compliant with the site's Type 2 and 4 RRS of 1800 µg/kg. EPD requested additional soil investigation for 1,4-dioxane at detection limits less than the approved 500 µg/kg (highest RRS concentration). Soil borings SB-310 and SB-311 (Table 1) were drilled and sampled on September 20, 2018 to collect soil samples to evaluate the 1,4-dioxane concentrations at the SB-112 location.

The following sections describe the locations and sampling procedures conducted for the soil investigation.

2.1 Sampling Locations

Previous sampling locations inside the building and in the former south settling pond are shown on Figure 2. Detected constituents with concentrations exceeding Types 1 through Type 4 RRS, or reported as being non-detect at elevated detection limits, are designated in red. Conversely, sampling locations where constituents concentrations met the Type 1 through Type 4 RRS or were reported as being non-detect with detection limits meeting the Type 1 through 4 RRS are in green. To initiate the soil investigation, surveyors using previously surveyed coordinates located and marked the locations of the previous soil borings. The new soil borings SB-300 to SB-309 were positioned around the perimeter where previous soil borings had soil VOC concentrations exceeding Types 1 to 4 RRS (Figure 2). Borings SB-303 to SB-305 were positioned in the former aboveground storage tank area in an attempt to limit the footprint of the Type 5 RRS area outside of the building. New soil borings SB-310 and SB-311 were positioned approximately five feet to the northwest and southeast of previous boring SB-112.

Previous data indicated low to non-detect VOCs concentrations in soils at a depth of 15 feet or deeper. Borings SB-300 to SB-309 were each drilled to a total depth of 15 feet below ground surface (bgs). Borings SB-310 and SB-311 were each drilled to a total depth of 20 feet bgs based on the sample depth of boring SB-112 (18 to 19 feet).

2.2 Sampling Procedures and Analysis

The 11 soil borings were drilled using a direct-push technology (DPT) rig to advance the soil borings and to collect soil samples. Soil sampling was conducted in general accordance with procedures described in USEPA Region IV SESDPROC-300-R3. Soil samples were collected at each location using DPT methods employing core barrels with disposable acetate liners, as used in previous soil sampling conducted at the site. Soil samples were collected on a continuous basis from ground surface to boring termination. For borings SB-300 to SB-309, soil samples for laboratory analysis were collected at depths of 0 to 2 feet, 3 to 5 feet, 8 to 10 feet, and 13 to 15 feet. For borings SB-310 and SB-311 soil samples for laboratory analysis were collected from a depth of 18 to 19 feet.

DPT soil sample cores were retrieved, opened, and the soil samples collected from the disposable liner using laboratory supplied containers (Terra Cores, i.e., disposable syringes) and were extruded into pre-preserved (methanol and deionized water) VOC vials in accordance with USEPA method 5035. A total of 6 vials were collected per soil sample for VOCs and 1,4-Dioxane SIM analyses. Additional volume of soil was collected for moisture analysis as required by USEPA method 5035. Samples were collected for site-specific VOCs analyzed by USEPA method 5035/8260B and 1,4-dioxane analyzed by USEPA method 5035/8260B selected ion monitoring (SIM) and percent moisture.

The soils were inspected visually for staining or discoloration, the presence or absence of an odor was evaluated, and the lithology of the soil samples was described. The soil samples were screened with a photoionization detector (PID). Measurements and observations were recorded on the boring log (Appendix B). Based on PID responses and visual observations there were no indications of an obvious elevated VOC concentration impact in the soil samples.

Field personnel identified the location and collection depths of the samples and documented the dates and times the samples were obtained. Soil samples were packaged with ice and shipped under chain-of-custody protocol to Test America Laboratories in North Canton, Ohio. The North Canton laboratory subsequently shipped the 1,4-dioxane SIM samples to their laboratory in Pensacola, Florida.

The down-hole sampling tools were decontaminated between boring locations by steam-cleaning. Investigation-derived waste (soils and decontamination fluids) were contained in drums, labeled, profiled, and will be disposed of off-site.

Upon completion of soil sampling, the borings were abandoned by backfilling with bentonite chips and hydrating with potable water.

The new boring locations were surveyed by a licensed surveyor for horizontal location and ground surface elevation. The surveyed borings are shown on Figures 1 and 2.

2.3 Sample Quality

Soil samples were shipped daily from the site via an overnight courier to the Test America North Canton and Pensacola laboratories. Each boring location's samples were packaged in an individual sample cooler to reduce the potential for cross-contamination between samples during transit to the laboratory. Soil samples from borings SB-300, SB-303, SB-304, SB-305, SB-306, SB-309, SB-310, and SB-311 were received at the North Canton laboratory within holding times and temperature and no qualification was needed for these samples. The 1,4-dioxane SIM samples from these borings were subsequently forwarded by the North Canton lab to the Pensacola, Florida laboratory where they were received within holding times and temperatures.

Soil samples from borings SB-301, SB-302, SB-307, and SB-308 were collected and shipped on the same day. SB-301, SB-307, and SB-308 samples were delivered to the North Canton laboratory and received within holding times and temperatures. The 1,4-dioxane SIM samples from SB-301, SB-307, and SB-308 were preserved upon receipt at the North Canton laboratory and subsequently forwarded to the Pensacola laboratory for SIM analysis. The dry ice shipped with these samples evaporated in transit and the SB-301, SB-307, and SB-308 samples arrived in Pensacola at an elevated temperature.

The SB-301, SB-307, and SB-308 samples were subsequently analyzed and the SIM results qualified. The 1,4-dioxane results obtained from the USEPA method 8260B analyses of these samples conducted at the North Canton laboratory did not require qualification. Delivery of boring SB-302 soil samples were delayed (FedEx citing weather problems) with the samples being received at the North Canton laboratory out of holding time and at an evaluated temperature. The SB-302 samples were subsequently analyzed and the results qualified.

In summary, relative to the 1,4-dioxane analyses, the samples analyzed by EPA method 8260B SIM from borings SB-301, SB-307, and SB-308 were qualified due to hold time and/or temperature issues; however, the samples analyzed for 1,4-dioxane by EPA method 8260B did not require qualification. Therefore, the samples from these same borings had at least one result meeting data quality requirements. Only results from boring SB-302 were both sets of 1,4-dioxane data qualified. The chart below summarizes the results.

Boring	**VOCs by EPA Method 5035/8260B (Data Qualified Yes/No)**	**1,4-Dioxane by EPA Method 5035/8260B (Data Qualified Yes/No)**	**1,4-Dioxane by EPA Method 5035/8260B SIM (Data Qualified Yes/No)**
SB-300	No	No	No
SB-301	No	No	Yes Samples arrived at Pensacola laboratory outside of required temperature. Use EPA Method 8260B 1,4-Dioxane results.
SB-302	Yes	Yes	Yes
Samples arrived at North Canton laboratory outside of required holding time and temperature. SB-302 Data does not meet data quality objectives for holding time and temperature and are not used to delineate the Type 5 area.			
SB-303	No	No	No
SB-304	No	No	No
SB-305	No	No	No
SB-306	No	No	No
SB-307	No	No	Yes Samples arrived at Pensacola laboratory outside of required temperature. Use EPA Method 8260B 1,4-Dioxane results.
SB-308	No	No	Yes Samples arrived at Pensacola laboratory outside of required temperature. Use EPA Method 8260B 1,4-Dioxane results.
SB-309	No	No	No
SB-310	Not analyzed		No
SB-311	Not analyzed		No

The northern boundary of the degreaser Type 5 RRS area is defined by borings HA-5 and SB-301. The SB-302 results are used qualitatively to support the delineation of the northern boundary.

3.0 RESULTS OF THE SOIL INVESTIGATION

A total of 42 soil samples were collected and analyzed during the September 2018 soil investigation. The results of these analysis and previous analyses are presented on Tables 2 and 3 for surface and subsurface soils. Figures 3 and 4 show the locations of the surface and subsurface soil samples, respectively, with the delineation. Appendix C provides the laboratory analytical reports for the September 2018 samples.

3.1 Area Inside and Adjacent to the Main Building

Soil borings SB-300 to SB-309 were drilled and sampled to delineate the Type 5 RRS area associated with the former degreasers located inside of the building (Figure 2). Borings SB-300 to SB-302 and SB-306 to SB-309 were drilled inside the building structure while borings SB-303 to SB-305 were drilled immediately outside the eastern building wall. Previous soil borings HA-6, Kd-9 to Kd-11 were sampled to investigate the former degreaser area on the interior east side of the building and had soil VOCs concentrations greater than the Types 1 through 4 RRS or had 1,4-dioxane detection limits greater than the Types 1 through 4 RRS Because these previous borings were located adjacent to the building's eastern wall where there was no space to collect additional soil samples further to the east inside the building; soil borings SB-303 through SB-305 were drilled and sampled at locations approximately 8 to 10 feet outside of the eastern wall to bound the Type 5 area to the east (Figure 2).

Four VOCs (trichloroethene (TCE), 1,1-dichloroethene (DCE), cis-1,2-dichloroethene (cis12DCE), and 1,4-dioxane) were detected in the soil samples collected from soil borings SB-300 to SB-309. All of the results met either the Type 1 or Type 2 RRS.

Samples from each of the borings were also analyzed for 1,4-dioxane using both USEPA method 8260B and USEPA method 8260B SIM. 1,4-Dioxane concentrations based on USEPA method 8260B SIM ranged from 1.4 to 2.7 µg/kg and were below the Type 1 RRS of 500 ug/kg. The results from the USEPA method 8260B analysis ranged from <31 to <53 µg/kg. These concentrations are also less than the site 1,4-dioxane Type 1 RRS (Figure 2). Six of the 1,4-dioxane results by EPA method 8260B had detection limits of <2200 to <3000 µg/kg due to the samples having TCE concentrations greater than 200 µg/kg; these samples also had 1,4-dioxane SIM results (<0.80 to <51 µg/kg) that were below the Type 1 RRS (Tables 2 and 3).

As stated in Section 2.3, the results of the analysis of samples from SB-302, both chlorinated VOCs and 1,4-dioxane, are qualified. The northern boundary of the degreaser Type 5 RRS area is defined by borings HA-5 and SB-301. The SB-302 results are used qualitatively to support the delineation of the northern boundary.

Except as noted below, the detected TCE, DCE, cis12DCE and 1,4-dioxane concentrations obtained during the September 2018 investigation meet the constituents Type 1 or 2 RRSs. The one TCE concentration of 560 µg/kg at SB-305 at 3 to 5 feet is less than the TCE Type 2 RRS. The Type 5 RRS area is delineated based on the results of soil borings having concentrations less than Type 1 and Type 2 RRS (borings SB-300 through SB-309). Because the results of analysis of samples for SB-302 are qualified, previously drilled boring HA-5 is incorporated as the northeast "corner" of the Type 5 RRS area (Figure 2). As shown on Table 2, HA-5 analytical results are less than Type 1 RRS.

3.2 Former South Settling Pond Area

In the May 24, 2018 comments, EPD requested additional soil samples be collected adjacent to previous soil boring SB-112, located in the former south settling pond area, to further evaluate 1,4-dioxane. The SB-112 18 to 19 feet sample had a 1,4-dioxane result of <26,000 µg/kg. Soil samples were collected from 18 to 19 foot from borings SB-310 and SB-311 and analyzed for 1,4-dioxane by USEPA method 8260B SIM. The 1,4-dioxane results were non-detect at <1.0 and <0.94 µg/kg, respectively, and were below the Type 1 RRS. No further investigation is warranted in the former south settling pond area.

4.0 ENGINEERING CONTROLS

Engineering controls are used at the Thermo King site to prevent exposure to soils having VOC concentrations above the Types 1 through 4 RRS and seep waters having VOC concentrations above Georgia in-stream water quality criteria. The former degreaser area located in the middle third of the main building is designated as a Type 5 RRS area (Figure 2). This Type 5 area requires an engineering control. The building floor slab is designated as the exposure barrier engineering control for the former degreaser Type 5 area. Borings SB-303 to SB-305 define the eastern side of the Type 5 area as being slightly beyond the building's eastern wall. These three borings are about 8 to 10 feet away from the wall due to the presence of utilities. This exterior area is mostly paved with deteriorating asphalt and gravel. The exterior area is located inside of the fence surrounding the building such that potential access and exposure is limited. This exterior eastern side of the Type 5 RRS area needs to be re-paved to prevent exposure if the property is re-occupied and to preclude infiltration.

The site is currently unoccupied so there is no human health exposure. An executed environmental covenant on the property prohibits any disturbance of impacted soils without the use of health and safety procedures. The new Type 5 RRS area has been delineated inside of the building which is covered by the floor slab and extends out into the adjacent eastern exterior of the building (not covered by the floor slab), but has pavement (Figures 2 and 5). The covenant states, the building floor slab has been designated as an exposure barrier to the area of the underlying impacted soils. The covenant should be amended to include the Type 5 RRS area outside of the building not covered by the floor slab.

The rip-rap blanket covers the seeps having VOC concentrations above Georgia in-stream water quality criteria.

The Operation and Maintenance Plans and Inspection Schedules for the engineering controls (building floor slab and exterior area immediately adjacent to the eastern side of the building and the rip-rap blanket) have been updated based on the revised delineated Type 5 RRS area. The updated Plans are provided in Appendix D of this Addendum. Figure 5 shows the Risk Reduction Standards Compliance Map with Locations of Engineering Controls and Institutional Control.

5.0 WELL ABANDONMENT

EPD approved the cessation of groundwater monitoring in their November 30, 2017 comments and requested that the site monitoring wells be abandoned. In September 2018, 21 of the 28 site monitoring wells were abandoned and are listed below.

The following wells were abandoned.

Uppermost Zone:

MW-1	MW-2	MW-3	MW-4	MW-6	MW-7
MW-8	MW-9	MW-10	MW-11	MW-12	MW-13
MW-15	MW-16				

Alluvial/Colluvial Zone:

MW-26	MW-27	MW-28

Intermediate Zone:

MW-17	MW-18	MW-21	MW-23

A description of the abandonment procedure and the well abandonment logs are provided in Appendix E.

Ingersoll Rand is retaining and maintaining the following seven wells for the purpose of future due diligence monitoring if the property is sold, re-developed, or demolished. Ingersoll Rand will re-evaluate the need to abandon the seven wells after two to three years.

These monitoring wells are being retained and maintained.

Uppermost Zone:

MW-5 MW-19

Intermediate Zone:

MW-14	MW-20	MW-22	MW-25

Lower Zone:

MW-24

TABLES

TABLE 1: SUMMARY OF SOIL BORING DATA

Boring Number	Date Drilled	Drilling Method	Total Depth (ft, bgs)	Ground Surface Elevation (ft NAVD)	Bottom of Boring Elevation (ft NAVD)	Purpose	Completion	Sample Identification	Sample Depth (ft., bgs)	Date Sampled	Field Screening Results (PID, ppm)	Laboratory Analysis
SB-300	9/18/2018	DPT	15.0	324.8	309.8	soil sampling Type 5 area delineation inside building	filled with hydrated bentonite chips	SB-300-0-2	0-2	9/18/2018	3.4	VOCs+14-Dioxane (1)
								SB-300-3-5	3-5	9/18/2018	4.4	VOCs+14-Dioxane (1)
								SB-300-8-10	8-10	9/18/2018	5.2	VOCs+14-Dioxane (1)
								SB-300-13-15	13-15	9/18/2018	4.1	VOCs+14-Dioxane (1)
SB-301	9/19/2018	DPT	15.0	324.8	309.8	soil sampling Type 5 area delineation inside building	filled with hydrated bentonite chips	SB-301-0-2	0-2	9/19/2018	0.9	VOCs+14-Dioxane (1)
								SB-301-3-5	3-5	9/19/2018	4.4	VOCs+14-Dioxane (1)
								SB-301-8-10	8-10	9/19/2018	5.4	VOCs+14-Dioxane (1)
								DUP-01	8-10	9/19/2018	5.4	VOCs+14-Dioxane (1)
								SB-301-13-15	13-15	9/19/2018	5.1	VOCs+14-Dioxane (1)
SB-302	9/19/2018	DPT	15.0	324.9	309.9	soil sampling Type 5 area delineation inside building	filled with hydrated bentonite chips	SB-302-0-2	0-2	9/19/2018	4.1	VOCs+14-Dioxane (1)
								SB-303-3-5	3-5	9/19/2018	5.2	VOCs+14-Dioxane (1)
								SB-303-8-10	8-10	9/19/2018	11.0	VOCs+14-Dioxane (1)
								DUP-02	8-10	9/19/2018	11	VOCs
								SB-303-13-15	13-15	9/19/2018	9.5	VOCs+14-Dioxane (1)
SB-303	9/18/2018	DPT	15.0	323.9	308.9	soil sampling Type 5 area delineation adjacent to building	filled with hydrated bentonite chips	SB-303-0-2	0-2	9/18/2018	6.4	VOCs+14-Dioxane (1)
								SB-303-3-5	3-5	9/18/2018	5.0	VOCs+14-Dioxane (1)
								SB-303-8-10	8-10	9/18/2018	7.4	VOCs+14-Dioxane (1)
								SB-303-13-15	13-15	9/18/2018	1.0	VOCs+14-Dioxane (1)
SB-304	9/18/2018	DPT	15.0	324.0	309.0	soil sampling Type 5 area delineation adjacent to building	filled with hydrated bentonite chips	SB-304-0-2	0-2	9/18/2018	6.2	VOCs+14-Dioxane (1)
								SB-304-3-5	3-5	9/18/2018	10.5	VOCs+14-Dioxane (1)
								SB-304-8-10	8-10	9/18/2018	13.9	VOCs+14-Dioxane (1)
								SB-304-13-15	13-15	9/18/2018	17.7	VOCs+14-Dioxane (1)
SB-305	9/18/2018	DPT	15.0	324.4	309.4	soil sampling Type 5 area delineation adjacent to building	filled with hydrated bentonite chips	SB-305-0-2	0-2	9/18/2018	9.4	VOCs+14-Dioxane (1)
								SB-305-3-5	3-5	9/18/2018	8.6	VOCs+14-Dioxane (1)
								SB-305-8-10	8-10	9/18/2018	15.1	VOCs+14-Dioxane (1)
								SB-305-13-15	13-15	9/18/2018	26.5	VOCs+14-Dioxane (1)
SB-306	9/18/2018	DPT	15.0	324.9	309.9	soil sampling Type 5 area delineation inside building	filled with hydrated bentonite chips	SB-306-0-2	0-2	9/18/2018	1.4	VOCs+14-Dioxane (1)
								SB-306-3-5	3-5	9/18/2018	2.6	VOCs+14-Dioxane (1)
								SB-306-8-10	8-10	9/18/2018	1.4	VOCs+14-Dioxane (1)
								SB-306-13-15	13-15	9/18/2018	2.6	VOCs+14-Dioxane (1)
SB-307	9/19/2018	DPT	15.0	324.9	309.9	soil sampling Type 5 area delineation inside building	filled with hydrated bentonite chips	SB-307-0-2	0-2	9/19/2018	5.4	VOCs+14-Dioxane (1)
								SB-307-3-5	3-5	9/19/2018	6.1	VOCs+14-Dioxane (1)
								SB-307-8-10	8-10	9/19/2018	8.3	VOCs+14-Dioxane (1)
								SB-307-13-15	13-15	9/19/2018	8.6	VOCs+14-Dioxane (1)

TABLE 1: SUMMARY OF SOIL BORING DATA

Boring Number	Date Drilled	Drilling Method	Total Depth (ft, bgs)	Ground Surface Elevation (ft NAVD)	Bottom of Boring Elevation (ft NAVD)	Purpose	Completion	Sample Identification	Sample Depth (ft., bgs)	Date Sampled	Field Screening Results (PID, ppm)	Laboratory Analysis
SB-308	9/19/2018	DPT	15.0	324.9	309.9	soil sampling Type 5 area delineation inside building	filled with hydrated bentonite chips	SB-308-0-2	0-2	9/19/2018	5.8	VOCs+14-Dioxane (1)
								SB-308-3-5	3-5	9/19/2018	7.5	VOCs+14-Dioxane (1)
								SB-308-8-10	8-10	9/19/2018	12.2	VOCs+14-Dioxane (1)
								SB-308-13-15	13-15	9/19/2018	12.7	VOCs+14-Dioxane (1)
SB-309	9/20/2018	DPT	15.0	325.0	310.0	soil sampling Type 5 area delineation inside building	filled with hydrated bentonite chips	SB-309-0-2	0-2	9/20/2018	2.6	VOCs+14-Dioxane (1)
								SB-309-3-5	3-5	9/20/2018	3.5	VOCs+14-Dioxane (1)
								SB-309-8-10	8-10	9/20/2018	5.8	VOCs+14-Dioxane (1)
								SB-309-13-15	13-15	9/20/2018	6.5	VOCs+14-Dioxane (1)
SB-310	9/20/2018	DPT	20.0	322.7	302.7	soil sampling for former south pond area	filled with hydrated bentonite chips	SB-310-18-19	18-19	9/20/2018	6.8	14-Dioxane (2)
SB-311	9/20/2018	DPT	20.0	322.7	302.7	soil sampling for former south pond area	filled with hydrated bentonite chips	SB-311-18-19	18-19	9/20/2018	5.8	14-Dioxane (2)

Notes:
ft bgs feet below ground surface
NAVD North America Vertical Datum (NAD83)
PID ppm Photoionization Detector response in parts per million
VOCs site-specific VOCs analyzed by USEPA method 8260B
(1) 1,4-Dioxane analyzed by USEPA method 8260B and USEPA method 8260B Select Ion Monitoring (SIM)
(2) 1,4-Dioxane analyzed by USEPA method 8260B Select Ion Monitoring (SIM)

TABLE 2: SUMMARY OF DETECTED CONSTITUENTS IN SURFACE SOILS SITE WIDE

Constituent	VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)	Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)	Higher of Type 3 Surface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)	GW-E-1	GW-E-4	GW-E-13	GW-AOC 1-1	GW-AOC 2-1	GW-AOC 3-1	GW-AOC 3-2	GW-AOC 8-1	GW-AOC 8-2	GW-AOC 9-1
Sample ID				SO-E-1	SO-E-4	SO-E-13	SO-AOC 1-1	SO-AOC 2-1	SO-AOC 3-1	SO-AOC 3-2	SO-AOC-8-1	SO-AOC 8-2	SO-AOC 9-1
Sample Depth (ft. bgs)				0-2 ft	0-2 ft	0-4 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft
Date Sampled				9/25/2000	9/27/2000	10/9/2000	10/31/2000	10/17/2000	10/30/2000	10/30/2000	10/11/2000	10/12/2000	10/19/2000
Volatile Organic Compounds SW8260B - (µg/kg)													
1,1,2-Trichloroethane	500	500	500	<4.9	<4.2	<6.8	<210	<4.6	<230	<220	<4.6	<4.1	<5.8
1,1,1-Trichloroethane	20,000	20,000	170,000	<4.9	<4.2	<6.8	<210	<4.6	<230	<220	<4.6	<4.1	<5.8
1,1-Dichloroethene	700	720	6,800	<4.9	<4.2	<6.8	<210	<4.6	<230	<220	<4.6	<4.1	<5.8
1,4-Dioxane	500	500	500	<240	<210	<340	**250,000**	<230	**12,000**	<11000	<230	<200	<290
cis-1,2-Dichloroethene	7,000	7,000	7,000	<2.4	<2.1	<3.4	<100	<2.3	<120	**600**	<2.3	<2.0	<2.9
Ethylbenzene	70,000	70,000	70,000	<4.9	<4.2	<6.8	<210	<4.6	<230	<220	<4.6	<4.1	<5.8
Isopropylbenzene	22,000	22,000	62,000	<4.9	<4.2	<6.8	<210	<4.6	<230	<220	<4.6	<4.1	<5.8
m+p-Xylene	1,000,000	1,000,000	1,000,000	<4.9	<4.2	<6.8	<210	<4.6	<230	<220	<4.6	<4.1	<5.8
Tetrachloroethene	500	500	500	<4.9	<4.2	<6.8	<210	<4.6	<230	<220	<4.6	<4.1	<5.8
Trichloroethene	500	1,800	1,800	<4.9	<4.2	<6.8	<210	<4.6	<230	**4100**	**49**	**12**	<5.8
Total Xylenes	1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane-SIM	500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds SW8260B - (µg/L)													
1,4-Dioxane - SPLP				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride - SPLP				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene - SPLP				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2: SUMMARY OF DETECTED CONSTITUENTS IN SURFACE SOILS SITE WIDE

Constituent	**Boring Number**	**VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)**	**Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)**	**Higher of Type 3 Surface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)**	GW-AOC 9-2	GW-AOC 10-1	HA-1	HA-2	HA-3	HA-4	HA-5	HA-6	HA-7	HA-8
	Sample ID				SO-AOC 9-2	SO-AOC 10-1	HA-1	HA-2	HA-3	HA-4	HA-5	HA-6	HA-7	HA-8
	Sample Depth (ft. bgs)				0-2 ft	0-2 ft	0.4-2.1 ft	0.35-2.1 ft	0.35-2.05 ft	0.42-1.95 ft	0.4-2.2 ft	1.2-2.0 ft	3.0-5.0 ft	0.0-0.5 ft
	Date Sampled				10/20/2000	10/12/2000	3/27/2003	3/27/2003	3/27/2003	3/27/2003	3/27/2003	3/27/2003	3/27/2003	3/27/2003
Volatile Organic Compounds SW8260B - (µg/kg)														
1,1,2-Trichloroethane		500	500	500	<4.6	<4.6	<5.9	<1800	**26**	<5.2	<4.0	<230	<290	<5.9
1,1,1-Trichloroethane		20,000	20,000	170,000	<4.6	<4.6	**24**	<1800	**180**	**46**	<4.0	<230	<290	<5.9
1,1-Dichloroethene		700	720	6,800	<4.6	<4.6	<5.9	<1800	**23**	<5.2	<4.0	<230	<290	<5.9
1,4-Dioxane		500	500	500	<230	<230	<290	**1,500,000**	**14,000 E**	**1,900**	<200	<11000	<14000	<290
cis-1,2-Dichloroethene		7,000	7,000	7,000	<2.3	<2.3	<5.9	<1800	<6.8	<5.2	**6**	<230	<290	<5.9
Ethylbenzene		70,000	70,000	70,000	<4.6	<4.6	<5.9	<1800	<6.8	<5.2	<4.0	<230	<290	<5.9
Isopropylbenzene		22,000	22,000	62,000	<4.6	<4.6	<5.9	<1800	<6.8	<5.2	<4.0	<230	<290	<5.9
m+p-Xylene		1,000,000	1,000,000	1,000,000	<4.6	<4.6	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene		500	500	500	<4.6	<4.6	<5.9	<1800	<6.8	<5.2	<4.0	<230	<290	<5.9
Trichloroethene		500	1,800	1,800	<4.6	<4.6	**22**	<1800	**120**	**47**	**110**	**660**	**800**	<5.9
Total Xylenes		1,000,000	1,000,000	1,000,000	NA	NA	<5.9	<1800	<6.8	<5.2	<4.0	<230	<290	<5.9
1,4-Dioxane-SIM		500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds SW8260B - (µg/L)														
1,4-Dioxane - SPLP					NA	NA	NA	120000	NA	NA	NA	<200	NA	NA
Methylene Chloride - SPLP					NA	NA	NA	<1.0	NA	NA	NA	7.1 B	NA	NA
Tetrachloroethene - SPLP					NA	NA	NA	<1.0	NA	NA	NA	1.5	NA	NA

TABLE 2: SUMMARY OF DETECTED CONSTITUENTS IN SURFACE SOILS SITE WIDE

Constituent	VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)	Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)	Higher of Type 3 Surface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)	SB-2	SB-6	SB-101	SB-102	SB-103	SB-104	SB-105	SB-106	SB-107	SB-108
Boring Number				SB-2	SB-6	SB-101	SB-102	SB-103	SB-104	SB-105	SB-106	SB-107	SB-108
Sample ID				SB-2	SB-6	SB-101	SB-102	SB-103	SB-104	SB-105	SB-106	SB-107	SB-108
Sample Depth (ft. bgs)				1.5-3.5 ft	0'-10'	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft
Date Sampled				2/3/2000	2/3/2000	2/6/2003	1/21/2003	2/6/2003	1/21/2003	1/22/2003	1/23/2003	2/7/2003	1/24/2003
Volatile Organic Compounds SW8260B - (µg/kg)													
1,1,2-Trichloroethane	500	500	500	<5.7	<5.7	<4.8	<4.7	<4.8	<4.5	<5.2	<4.8	<4.3	<4.8
1,1,1-Trichloroethane	20,000	20,000	170,000	<5.7	<5.7	<4.8	<4.7	<4.8	<4.5	<5.2	<4.8	<4.3	<4.8
1,1-Dichloroethene	700	720	6,800	<5.7	<5.7	<4.8	<4.7	<4.8	<4.5	**9.4**	<4.8	<4.3	<4.8
1,4-Dioxane	500	500	500	NA	NA	<240	<240	<240	<220	<260	<240	<220	<240
cis-1,2-Dichloroethene	7,000	7,000	7,000	<5.7	<5.7	<4.8	<4.7	<4.8	<4.5	<5.2	<4.8	<4.3	<4.8
Ethylbenzene	70,000	70,000	70,000	<5.7	<5.7	<4.8	<4.7	<4.8	<4.5	<5.2	<4.8	<4.3	<4.8
Isopropylbenzene	22,000	22,000	62,000	<5.7	<5.7	<4.8	<4.7	<4.8	<4.5	<5.2	<4.8	<4.3	<4.8
m+p-Xylene	1,000,000	1,000,000	1,000,000	<5.7	<5.7	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	500	500	500	**13**	8.4	<4.8	<4.7	<4.8	<4.5	<5.2	<4.8	<4.3	<4.8
Trichloroethene	500	1,800	1,800	**15**	9.7	<4.8	<4.7	<4.8	<4.5	**10**	<4.8	<4.3	<4.8
Total Xylenes	1,000,000	1,000,000	1,000,000	NA	NA	<4.8	<4.7	<4.8	<4.5	<5.2	<4.8	<4.3	<4.8
1,4-Dioxane-SIM	500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds SW8260B - (µg/L)					18.1								
1,4-Dioxane - SPLP				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride - SPLP				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene - SPLP				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2: SUMMARY OF DETECTED CONSTITUENTS IN SURFACE SOILS SITE WIDE

Constituent	**Boring Number**	**VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)**	**Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)**	**Higher of Type 3 Surface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)**	SB-109	SB-110	SB-111	SB-112	SB-113	SB-113	SB-114	SB-115	SB-116	SB-117
	Sample ID				SB-109	SB-110	SB-111	SB-112	SB-113	SPLP SB-113	SB-114	SB-115	SB-116	SB-117
	Sample Depth (ft. bgs)				0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft
	Date Sampled				1/23/2003	2/10/2003	1/22/2003	1/23/2003	2/3/2003	2/5/2003	2/5/2003	3/13/2003	3/12/2003	3/12/2003
Volatile Organic Compounds SW8260B - (µg/kg)														
1,1,2-Trichloroethane		500	500	500	<5.1	<4.6	<4.5	<5.1	<4.8	NA	<4.8	<5.2	<4.4	<4.4
1,1,1-Trichloroethane		20,000	20,000	170,000	<5.1	<4.6	<4.5	<5.1	<4.8	NA	<4.8	<5.2	<4.4	<4.4
1,1-Dichloroethene		700	720	6,800	<5.1	<4.6	<4.5	<5.1	<4.8	NA	<4.8	<5.2	<4.4	<4.4
1,4-Dioxane		500	500	500	<260	<230	<450	<260	<240	NA	<240	<260	<220	<220
cis-1,2-Dichloroethene		7,000	7,000	7,000	<5.1	<4.6	<4.5	<5.1	<4.8	NA	<4.8	<5.2	<4.4	<4.4
Ethylbenzene		70,000	70,000	70,000	<5.1	<4.6	<4.5	<5.1	<4.8	NA	<4.8	<5.2	<4.4	<4.4
Isopropylbenzene		22,000	22,000	62,000	<5.1	<4.6	<4.5	<5.1	<4.8	NA	<4.8	**16**	<4.4	<4.4
m+p-Xylene		1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene		500	500	500	<5.1	<4.6	<4.5	<5.1	<4.8	NA	<4.8	<5.2	<4.4	<4.4
Trichloroethene		500	1,800	1,800	<5.1	<4.6	<4.5	**23**	<4.8	NA	**130**	<5.2	<4.4	<4.4
Total Xylenes		1,000,000	1,000,000	1,000,000	<5.1	<4.6	<4.5	<5.1	<4.8	NA	<4.8	<5.2	<4.4	<4.4
1,4-Dioxane-SIM		500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds SW8260B - (µg/L)														
1,4-Dioxane - SPLP					NA	NA	NA	NA	NA	<400	NA	NA	NA	NA
Methylene Chloride - SPLP					NA	NA	NA	NA	NA	6.6 B	NA	NA	NA	NA
Tetrachloroethene - SPLP					NA	NA	NA	NA	NA	<2.0	NA	NA	NA	NA

TABLE 2: SUMMARY OF DETECTED CONSTITUENTS IN SURFACE SOILS SITE WIDE

Constituent	**Boring Number**	**VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)**	**Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)**	**Higher of Type 3 Surface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)**	SB-118	Kd-1	Kd-4	SB-300	SB-301	SB-302	SB-303	SB-304	SB-305	SB-306
	Sample ID				SB-118	Kd-1	Kd-4	SB-300	SB-301	SB-302	SB-303	SB-304	SB-305	SB-306
	Sample Depth (ft. bgs)				0-2 ft	2 ft	2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft	0-2 ft
	Date Sampled				3/26/2003	4/12/2005	4/12/2005	9/18/2018	9/19/2018	9/19/2018	9/18/2018	9/18/2018	9/18/2018	9/18/2018
Volatile Organic Compounds SW8260B - (µg/kg)														
1,1,2-Trichloroethane		500	500	500	<5.1	<2600	**6**	<5.0	<4.6	<3.9 H	<4.8	<4.9	<300	<5.4
1,1,1-Trichloroethane		20,000	20,000	170,000	<5.1	<2600	**130**	<5.0	<4.6	<3.9 H	<4.8	<4.9	<300	<5.4
1,1-Dichloroethene		700	720	6,800	<5.1	<2600	**19**	<5.0	<4.6	<3.9 H	<4.8	<4.9	<300	<5.4
1,4-Dioxane		500	500	500	<260	**3,600,000**	**650**	<40	<37	<31 H	<39	<39	<2400	<43
cis-1,2-Dichloroethene		7,000	7,000	7,000	<5.1	<2600	<5.5	**10**	**6.6**	<3.9 H	<4.8	<4.9	<300	<5.4
Ethylbenzene		70,000	70,000	70,000	<5.1	<2600	<5.5	<5.0	<4.6	<3.9 H	<4.8	<4.9	<300	<5.4
Isopropylbenzene		22,000	22,000	62,000	<5.1	<2600	<5.5	<5.0	<4.6	<3.9 H	<4.8	<4.9	<300	<5.4
m+p-Xylene		1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene		500	500	500	<5.1	<2600	<5.5	<5.0	<4.6	<3.9 H	<4.8	<4.9	<300	<5.4
Trichloroethene		500	1,800	1,800	<5.1	<2600	**140**	**14**	**14**	**10 H**	<4.8	**15**	**320**	**52**
Total Xylenes		1,000,000	1,000,000	1,000,000	<5.1	<2600	<5.5	<10.0	<9.2	<7.8 H	<9.6	<9.8	<590	<11
1,4-Dioxane-SIM		500	500	500	NA	NA	NA	<1.0	**2.3**	**1.5 H**	<1.0	<1.1	<0.80	<0.99
Volatile Organic Compounds SW8260B - (µg/L)														
1,4-Dioxane - SPLP					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride - SPLP					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene - SPLP					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2: SUMMARY OF DETECTED CONSTITUENTS IN SURFACE SOILS SITE WIDE

Constituent	Boring Number	VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)	Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)	Higher of Type 3 Surface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)	SB-307	SB-308	SB-309
	Sample ID				SB-307	SB-308	SB-309
	Sample Depth (ft. bgs)				0-2 ft	0-2 ft	0-2 ft
	Date Sampled				9/19/2018	9/19/2018	9/20/2018
Volatile Organic Compounds SW8260B - (µg/kg)							
1,1,2-Trichloroethane		500	500	500	<4.0	<4.6	<5.7
1,1,1-Trichloroethane		20,000	20,000	170,000	<4.0	<4.6	<5.7
1,1-Dichloroethene		700	720	6,800	<4.0	<4.6	<5.7
1,4-Dioxane		500	500	500	<32	<37	<46
cis-1,2-Dichloroethene		7,000	7,000	7,000	<4.0	<4.6	<5.7
Ethylbenzene		70,000	70,000	70,000	<4.0	<4.6	<5.7
Isopropylbenzene		22,000	22,000	62,000	<4.0	<4.6	<5.7
m+p-Xylene		1,000,000	1,000,000	1,000,000	NA	NA	NA
Tetrachloroethene		500	500	500	<4.0	<4.6	<5.7
Trichloroethene		500	1,800	1,800	**110**	**22**	**16**
Total Xylenes		1,000,000	1,000,000	1,000,000	<8.0	<9.2	<11
1,4-Dioxane-SIM		500	500	500	<0.84	**1.6**	<1.2
Volatile Organic Compounds SW8260B - (µg/L)							
1,4-Dioxane - SPLP					NA	NA	NA
Methylene Chloride - SPLP					NA	NA	NA
Tetrachloroethene - SPLP					NA	NA	NA

Notes:

AOC	Area of Concern
B	Constituent was detected in QA/QC blank
E	Estimated Concentration; result exceeds the calibration range
GW	Ground Water
NA	Not analyzed for this constituent.
µg/kg	micrograms per kilogram
µg/L	microgram per liter
ft. bgs	feet below ground surface
SPLP	Synthetic Precipitation Leaching Procedure USEPA Method 1312
RRS	Risk Reduction Standard
	VOCs analyzed by USEPA method 5035/8260B
SIM	1,4-Dioxane analyzed by USEPA method 5035/8260B and 8260B Selective Ion Monitoring
H	Sample analyzed outside of specified holding time and/or temperature
<5.1	Constituent not detected above laboratory practical quantitation limit shown
BOLD	Indicates detected concentration above the laboratory practical quantitation limit
	Concentration Exceeds VRP Delineation Criteria
	Concentration Exceeds the Higher of the Type 1 and Type 2 Residential RRS
	Concentration Exceeds the Higher of the Type 3 Surface and Type 4 Non-Residential RRS

Prepared by/Date:NJM 3/2/16 HN 10/18/2018
Checked by/Date:RNQ 1/15/18 Updated RNQ 10/23/2018

TABLE 3: SUMMARY OF DETECTED CONSTITUENTS IN SUBSURFACE SOILS SITE WIDE

Constituent	Boring Number	VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)	Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)	Higher of Type 3 Subsurface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)	SB-1	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	GW-E-1
	Sample ID				SB-1	SB-3	SB-4	SB-5	SB-6	SB-7	SB-8	SB-9	SB-10	SO-E-1
	Sample Depth (ft. bgs)				10'-11'	5'-6'	8'-9'	8'-9'	0'-10'	7'-8'	7'-8'	8'-9'	5'-6'	32'-34'
	Date Sampled				2/3/2000	2/3/2000	2/3/2000	2/3/2000	2/3/2000	2/3/2000	2/3/2000	2/3/2000	2/3/2000	9/25/2000
Volatile Organic Compounds - SW8260B - (µg/kg)														
1,1,1-Trichloroethane		20,000	20,000	170,000	<5.9	<300	<6.2	<5.9	<5.7	<5.6	<5.8	<5.7	<5.6	<4.0
1,1,2-Trichloroethane		500	500	500	<5.9	<300	<6.2	<5.9	<5.7	<5.6	<5.8	<5.7	<5.6	<4.0
1,1-Dichloroethene		700	720	6,800	<5.9	<300	<6.2	<5.9	<5.7	<5.6	<5.8	<5.7	<5.6	<4.0
1,4-Dioxane		500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	<200
Chloroform		3800	3,800	8,000	<5.9	<300	<6.2	<5.9	<5.7	<5.6	<5.8	<5.7	<5.6	<5.0
cis-1,2-Dichloroethene		7,000	7,000	7,000	<5.9	<300	<6.2	<5.9	<5.7	<5.6	<5.8	<5.7	<5.6	<2.0
Ethylbenzene		70,000	70,000	70,000	<5.9	**360**	<6.2	<5.9	<5.7	<5.6	<5.8	<5.7	<5.6	<4.0
m+p-Xylene		1,000,000	1,000,000	1,000,000	<5.9	**1400**	**9.6**	<5.9	<5.7	<5.6	<5.8	<5.7	<5.6	<4.0
Total Xylenes		1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene		100,000	100,000	100,000	<5.9	<300	<6.2	<5.9	<5.7	<5.6	<5.8	<5.7	<5.6	<4.0
Tetrachloroethene		500	500	500	**11**	<300	<6.2	**10**	**8.4**	**10**	**8.2**	**9.3**	**9.4**	<4.0
Trichloroethene		500	1,800	1,800	**160 E**	<300	<6.2	**12**	**9.7**	**14**	**9.3**	**11**	**11**	<4.0
1,4-Dioxane-SIM		500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds - SW8260B - (µg/L)														
Methylene Chloride - SPLP					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 3: SUMMARY OF DETECTED CONSTITUENTS IN SUBSURFACE SOILS SITE WIDE

Constituent	**Boring Number**	**VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)**	**Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)**	**Higher of Type 3 Subsurface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)**	GW-E-4	GW-E-13	GW-E-13	GW-AOC 1-1	GW-AOC 1-1	GW-AOC 2-1	GW-AOC 2-1	GW-AOC 3-1	GW-AOC 3-1	GW-AOC 3-2
	Sample ID				SO-E-4	SO-E-13	SO-E-13	SO-AOC 1-1	SO-AOC 1-1	SO-AOC 2-1	SO-AOC 2-1	SO-AOC 3-1	SO-AOC 3-1	SO-AOC 3-2
	Sample Depth (ft. bgs)				40'-42'	14'-16'	38'-40'	29'-31'	38'-40'	18'-20'	38'-40'	29'-31'	38'-40'	8'-10'
	Date Sampled				9/27/2000	10/9/2000	10/9/2000	10/31/2000	10/31/2000	10/17/2000	10/17/2000	11/1/2000	11/1/2000	10/30/2000
Volatile Organic Compounds - SW8260B - (µg/kg)														
1,1,1-Trichloroethane		20,000	20,000	170,000	<9.6	<5.1	<9.2	**86**	**85**	<4.4	<5.5	<5.3	<5.2	<200
1,1,2-Trichloroethane		500	500	500	<9.6	<5.1	<9.2	<7.2	<5.2	<4.4	<5.5	<5.3	<5.2	<200
1,1-Dichloroethene		700	720	6,800	<9.6	<5.1	<9.2	<7.2	<5.2	<4.4	<5.5	<5.3	<5.2	<200
1,4-Dioxane		500	500	500	<480	<260	<460	<360	<260	<220	<280	<260	<260	<10000
Chloroform		3800	3,800	8,000	<5.0	<5.1	<9.2	<7.2	<5.2	<4.4	<5.5	<5.3	<5.2	<200
cis-1,2-Dichloroethene		7,000	7,000	7,000	<4.8	<2.6	<4.6	<3.6	<2.6	<2.2	<2.8	<2.6	<2.6	**190**
Ethylbenzene		70,000	70,000	70,000	<9.6	<5.1	<9.2	<7.2	<5.2	<4.4	<5.5	<5.3	<5.2	<200
m+p-Xylene		1,000,000	1,000,000	1,000,000	<9.6	<5.1	<9.2	<7.2	<5.2	<4.4	<5.5	<5.3	<5.2	<200
Total Xylenes		1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene		100,000	100,000	100,000	<9.6	<5.1	<9.2	<7.2	<5.2	<4.4	<5.5	<5.3	<5.2	<200
Tetrachloroethene		500	500	500	<9.6	<5.1	<9.2	<7.2	<5.2	<4.4	<5.5	<5.3	<5.2	<200
Trichloroethene		500	1,800	1,800	<9.6	<5.1	<9.2	<7.2	<5.2	<4.4	<5.5	<5.3	<5.2	**980**
1,4-Dioxane-SIM		500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds - SW8260B - (µg/L)														
Methylene Chloride - SPLP					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 3: SUMMARY OF DETECTED CONSTITUENTS IN SUBSURFACE SOILS SITE WIDE

Constituent	**Boring Number**	**VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)**	**Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)**	**Higher of Type 3 Subsurface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)**	GW-AOC 3-2	GW-AOC 8-1	GW-AOC 8-1	GW-AOC 8-2	GW-AOC 8-2	GW-AOC 9-1	GW-AOC 9-1	GW-AOC 9-2	GW-AOC 9-2	GW-AOC 10-1
	Sample ID				SO-AOC 3-2	SO-AOC-8-1	SO-AOC-8-1	SO-AOC 8-2	SO-AOC 8-2	SO-AOC 9-1	SO-AOC 9-1	SO-AOC 9-2	SO-AOC 9-2	SO-AOC 10-1
	Sample Depth (ft. bgs)				38'-40'	14'-16'	38'-40'	18'-20'	38'-40'	4'-6'	34'-36'	4'-6'	32'-34'	18'-20'
	Date Sampled				10/30/2000	10/11/2000	10/11/2000	10/12/2000	10/12/2000	10/19/2000	10/19/2000	10/20/2000	10/20/2000	10/12/2000
Volatile Organic Compounds - SW8260B - (µg/kg)														
1,1,1-Trichloroethane		20,000	20,000	170,000	<5.2	**5.4**	<6.6	<4.4	<5.7	<6.6	<4.8	<6.7	<5.1	<4.4
1,1,2-Trichloroethane		500	500	500	<5.2	<4.8	<6.6	<4.4	<5.7	<6.6	<4.8	<6.7	<5.1	<4.4
1,1-Dichloroethene		700	720	6,800	<5.2	<4.8	<6.6	<4.4	<5.7	<6.6	<4.8	<6.7	<5.1	<4.4
1,4-Dioxane		500	500	500	<260	<240	<330	<220	<280	<330	<240	<340	<260	<220
Chloroform		3800	3,800	8,000	<5.2	<4.8	<6.6	<4.4	<5.7	<6.6	<4.8	<6.7	<5.1	<4.4
cis-1,2-Dichloroethene		7,000	7,000	7,000	<2.6	**5.6**	<3.3	**4.0**	<2.8	<3.3	<2.4	<3.4	<2.6	<2.2
Ethylbenzene		70,000	70,000	70,000	<5.2	<4.8	<6.6	<4.4	<5.7	<6.6	<4.8	<6.7	<5.1	<4.4
m+p-Xylene		1,000,000	1,000,000	1,000,000	<5.2	<4.8	<6.6	<4.4	<5.7	<6.6	<4.8	<6.7	<5.1	<4.4
Total Xylenes		1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene		100,000	100,000	100,000	<5.2	<4.8	<6.6	<4.4	<5.7	<6.6	<4.8	<6.7	<5.1	<4.4
Tetrachloroethene		500	500	500	<5.2	<4.8	<6.6	<4.4	<5.7	<6.6	<4.8	<6.7	<5.1	<4.4
Trichloroethene		500	1,800	1,800	<5.2	**78**	<6.6	**31**	<5.7	<6.6	<4.8	<6.7	<5.1	<4.4
1,4-Dioxane-SIM		500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds - SW8260B - (µg/L)														
Methylene Chloride - SPLP					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 3: SUMMARY OF DETECTED CONSTITUENTS IN SUBSURFACE SOILS SITE WIDE

Constituent	**Boring Number**	**VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)**	**Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)**	**Higher of Type 3 Subsurface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)**	GW-AOC 10-1	SB-101	SB-101	SB-102	SB-102	SB-103	SB-103	SB-104	SB-104	SB-105
	Sample ID				SO-AOC 10-1	SB-101	SB-101	SB-102	SB-102	SB-103	SB-103	SB-104	SB-104	SB-105
	Sample Depth (ft. bgs)				38'-40'	12'-14'	36'-38'	5'-6'	35'-36	26'-28'	46'-48'	21'-22'	40'-42'	11'-12'
	Date Sampled				10/12/2000	2/6/2003	2/6/2003	1/21/2003	1/21/2003	2/6/2003	2/6/2003	1/21/2003	1/21/2003	1/22/2003
Volatile Organic Compounds - SW8260B - (µg/kg)														
1,1,1-Trichloroethane		20,000	20,000	170,000	<7.8	<4.9	<6.0	<4.9	<6.2	<5.1	<5.7	<5.7	<5.4	**43**
1,1,2-Trichloroethane		500	500	500	<7.8	<4.9	<6.0	<4.9	<6.2	<5.1	<5.7	<5.7	<5.4	<5.0
1,1-Dichloroethene		700	720	6,800	<7.8	<4.9	<6.0	<4.9	<6.2	<5.1	<5.7	<5.7	<5.4	**31**
1,4-Dioxane		500	500	500	<390	<240	<300	<240	<310	<250	<290	<290	<270	<250
Chloroform		3800	3,800	8,000	<7.8	<4.9	<6.0	<4.9	<6.2	<5.1	<5.7	<5.7	<5.4	<5.0
cis-1,2-Dichloroethene		7,000	7,000	7,000	<3.9	<4.9	<6.0	<4.9	<6.2	<5.1	<5.7	<5.7	<5.4	<5.0
Ethylbenzene		70,000	70,000	70,000	<7.8	<4.9	<6.0	<4.9	<6.2	<5.1	<5.7	<5.7	<5.4	<5.0
m+p-Xylene		1,000,000	1,000,000	1,000,000	<7.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes		1,000,000	1,000,000	1,000,000	NA	<4.9	<6.0	<4.9	<6.2	<5.1	<5.7	<5.7	<5.4	<5.0
Naphthalene		100,000	100,000	100,000	<7.8	<4.9	<6.0	<4.9	<6.2	<5.1	<5.7	<5.7	<5.4	<5.0
Tetrachloroethene		500	500	500	<7.8	<4.9	<6.0	<4.9	<6.2	<5.1	<5.7	<5.7	<5.4	<5.0
Trichloroethene		500	1,800	1,800	<7.8	<4.9	<6.0	<4.9	<6.2	<5.1	<5.7	<5.7	<5.4	**53**
1,4-Dioxane-SIM		500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds - SW8260B - (µg/L)														
Methylene Chloride - SPLP					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 3: SUMMARY OF DETECTED CONSTITUENTS IN SUBSURFACE SOILS SITE WIDE

Constituent	Boring Number	VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)	Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)	Higher of Type 3 Subsurface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)	SB-105	SB-106	SB-106	SB-107	SB-107	SB-108	SB-108	SB-109	SB-109	SB-110
	Sample ID				SB-105	SB-106	SB-106	SB-107	SB-107	SB-108	SB-108	SB-109	SB-109	SB-110
	Sample Depth (ft. bgs)				37'-38'	29'-30'	42'-43'	14'-16'	38'-40'	29'-30'	45'-46'	11'-12'	27'-28'	4'-6'
	Date Sampled				1/22/2003	1/23/2003	1/23/2003	2/7/2003	2/10/2003	1/24/2003	1/24/2003	1/23/2003	1/23/2003	2/10/2003
Volatile Organic Compounds - SW8260B - (µg/kg)														
1,1,1-Trichloroethane		20,000	20,000	170,000	<5.8	<4.6	<5.4	<4.7	<4.7	<4.8	<5.8	<4.5	<4.8	<4.8
1,1,2-Trichloroethane		500	500	500	<5.8	<4.6	<5.4	<4.7	<4.7	<4.8	<5.8	<4.5	<4.8	<4.8
1,1-Dichloroethene		700	720	6,800	<5.8	<4.6	<5.4	<4.7	<4.7	<4.8	<5.8	<4.5	<4.8	<4.8
1,4-Dioxane		500	500	500	<290	<230	<270	<240	<240	<240	<290	<220	<240	<240
Chloroform		3800	3,800	8,000	<5.8	<4.6	<5.4	<4.7	<4.7	<4.8	<5.8	<4.5	<4.8	<4.8
cis-1,2-Dichloroethene		7,000	7,000	7,000	<5.8	<4.6	<5.4	<4.7	<4.7	<4.8	<5.8	<4.5	<4.8	<4.8
Ethylbenzene		70,000	70,000	70,000	<5.8	<4.6	<5.4	<4.7	<4.7	<4.8	<5.8	<4.5	<4.8	<4.8
m+p-Xylene		1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes		1,000,000	1,000,000	1,000,000	<5.8	<4.6	<5.4	<4.7	<4.7	<4.8	<5.8	<4.5	<4.8	<4.8
Naphthalene		100,000	100,000	100,000	<5.8	<4.6	<5.4	<4.7	<4.7	<4.8	<5.8	<4.5	<4.8	<4.8
Tetrachloroethene		500	500	500	<5.8	<4.6	<5.4	<4.7	<4.7	<4.8	<5.8	<4.5	<4.8	<4.8
Trichloroethene		500	1,800	1,800	<5.8	<4.6	<5.4	<4.7	<4.7	**9.0**	**7.0**	**19**	<4.8	<4.8
1,4-Dioxane-SIM		500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds - SW8260B - (µg/L)														
Methylene Chloride - SPLP					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 3: SUMMARY OF DETECTED CONSTITUENTS IN SUBSURFACE SOILS SITE WIDE

Constituent	VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)	Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)	Higher of Type 3 Subsurface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)										
Boring Number				SB-110	SB-111	SB-111	SB-112	SB-112	SB-113	SB-113	SB-114	SB-114	SB-115
Sample ID				SB-110	SB-111	SB-111	SB-112	SB-112	SB-113	SB-113	SB-114	SB-114	SB-115
Sample Depth (ft. bgs)				32'-34'	21'-22'	32'-33'	18'-19'	38'-39'	4'-6'	40'-42'	22'-24'	42'-44'	11'-13'
Date Sampled				2/10/2003	1/22/2003	1/22/2003	1/23/2003	1/23/2003	2/5/2003	2/5/2003	2/5/2003	2/5/2003	3/13/2003
Volatile Organic Compounds - SW8260B - (µg/kg)													
1,1,1-Trichloroethane	20,000	20,000	170,000	<5.2	<5.0	<5.3	<260	<5.4	<5.1	<5.7	<4.9	<5.2	<4.9
1,1,2-Trichloroethane	500	500	500	<5.2	<5.0	<5.3	<260	<5.4	<5.1	<5.7	<4.9	<5.2	<4.9
1,1-Dichloroethene	700	720	6,800	<5.2	<5.0	<5.3	<260	<5.4	<5.1	<5.7	<4.9	<5.2	<4.9
1,4-Dioxane	500	500	500	<260	<500	<270	<26000	<270	<250	<280	<250	<260	<250
Chloroform	3800	3,800	8,000	<5.2	<5.0	<5.3	<260	<5.4	<5.1	<5.7	<4.9	<5.2	<4.9
cis-1,2-Dichloroethene	7,000	7,000	7,000	<5.2	<5.0	<5.3	<260	<5.4	<5.1	<5.7	<4.9	<5.2	<4.9
Ethylbenzene	70,000	70,000	70,000	<5.2	<5.0	<5.3	<260	<5.4	<5.1	<5.7	<4.9	<5.2	<4.9
m+p-Xylene	1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1,000,000	1,000,000	1,000,000	<5.2	<5.0	<5.3	<260	<5.4	<5.1	<5.7	<4.9	<5.2	<4.9
Naphthalene	100,000	100,000	100,000	<5.2	<5.0	<5.3	<260	<5.4	<5.1	<5.7	<4.9	<5.2	<4.9
Tetrachloroethene	500	500	500	<5.2	<5.0	<5.3	<260	<5.4	<5.1	<5.7	<4.9	<5.2	<4.9
Trichloroethene	500	1,800	1,800	<5.2	<5.0	<5.3	**560**	**17**	**9.4**	<5.7	<4.9	<5.2	<4.9
1,4-Dioxane-SIM	500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds - SW8260B - (µg/L)													
Methylene Chloride - SPLP				NA	NA	NA	NA	NA	NA	NA	3.4 B	NA	NA

TABLE 3: SUMMARY OF DETECTED CONSTITUENTS IN SUBSURFACE SOILS SITE WIDE

Constituent	**Boring Number**	**VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)**	**Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)**	**Higher of Type 3 Subsurface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)**	SB-115	SB-117	SB-117	SB-118	HA-7	Kd-1	Kd-2	Kd-3	Kd-3	Kd-4
	Sample ID				SB-115	SB-117	SB-117	SB-118	HA-7	Kd-1	Kd-2	Kd-3	Kd-3	Kd-4
	Sample Depth (ft. bgs)				18'-20'	12'-14'	44'-46'	4'-5'	3'-5'	4'	8'	3'	4'	11'
	Date Sampled				3/13/2003	3/12/2003	3/12/2003	3/26/2003	3/27/2003	4/12/2005	4/12/2005	4/12/2005	4/12/2005	4/12/2005
Volatile Organic Compounds - SW8260B - (µg/kg)														
1,1,1-Trichloroethane		20,000	20,000	170,000	<5.5	<4.7	<5.9	<5.1	<290	<2600	**2300**	**320**	**1100**	**410 E**
1,1,2-Trichloroethane		500	500	500	<5.5	<4.7	<5.9	<5.1	<290	<2600	<250	<280	<260	**15**
1,1-Dichloroethene		700	720	6,800	<5.5	<4.7	<5.9	<5.1	<290	<2600	<250	<280	<260	**50**
1,4-Dioxane		500	500	500	<270	<230	<290	<260	<14000	**2,800,000**	**270,000**	**290,000**	**220,000**	<240
Chloroform		3800	3,800	8,000	<5.5	<4.7	<5.9	<5.1	<290	<2600	<250	<280	<260	<4.8
cis-1,2-Dichloroethene		7,000	7,000	7,000	<5.5	<4.7	<5.9	<5.1	<290	<2600	<250	<280	<260	**8.1**
Ethylbenzene		70,000	70,000	70,000	<5.5	<4.7	<5.9	<5.1	<290	<2600	<250	<280	<260	<4.8
m+p-Xylene		1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes		1,000,000	1,000,000	1,000,000	<5.5	<4.7	<5.9	<5.1	<290	<2600	<250	<280	<260	<4.8
Naphthalene		100,000	100,000	100,000	<5.5	<4.7	<5.9	<5.1	<290	<2600	**310**	<280	<260	<4.8
Tetrachloroethene		500	500	500	<5.5	<4.7	<5.9	<5.1	<290	<2600	<250	<280	<260	<4.8
Trichloroethene		500	1,800	1,800	<5.5	<4.7	<5.9	<5.1	**800**	<2600	**2600**	**280**	**890**	**240 E**
1,4-Dioxane-SIM		500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds - SW8260B - (µg/L)														
Methylene Chloride - SPLP					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 3: SUMMARY OF DETECTED CONSTITUENTS IN SUBSURFACE SOILS SITE WIDE

Constituent	Boring Number	VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)	Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)	Higher of Type 3 Subsurface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)	Kd-5	Kd-7	Kd-8	Kd-9	Kd-9	Kd-9	Kd-10	Kd-10	Kd-10	Kd-10
	Sample ID				Kd-5	Kd-7	Kd-8	Kd-9	Kd-9	Kd-9	Kd-10	Kd-10	Kd-10	Kd-10
	Sample Depth (ft. bgs)				3'	3'	9'	7'	9'	10'	3'	9'	13'	15'
	Date Sampled				4/12/2005	4/13/2005	4/13/2005	4/13/2005	4/13/2005	4/13/2005	4/13/2005	4/13/2005	4/13/2005	4/13/2005
Volatile Organic Compounds - SW8260B - (µg/kg)														
1,1,1-Trichloroethane		20,000	20,000	170,000	**250 E**	<5.3	<260	<260	<260	<300	<290	<290	**14**	<260
1,1,2-Trichloroethane		500	500	500	**6.4**	<5.3	<260	<260	<260	<300	<290	<290	<5.9	<260
1,1-Dichloroethene		700	720	6,800	**51**	<5.3	<260	<260	<260	<300	<290	<290	**11**	<260
1,4-Dioxane		500	500	500	**8,600**	<260	<13000	<13000	<13000	<15000	<14000	<15000	<300	<13000
Chloroform		3800	3,800	8,000	<6.1	<5.3	<260	<260	<260	<300	<290	<290	**11**	<260
cis-1,2-Dichloroethene		7,000	7,000	7,000	<6.1	**8.3**	<260	<260	<260	<300	**380**	**300**	**150**	<260
Ethylbenzene		70,000	70,000	70,000	<6.1	<5.3	<260	<260	<260	<300	<290	<290	<5.9	<260
m+p-Xylene		1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes		1,000,000	1,000,000	1,000,000	<6.1	<5.3	<260	<260	<260	<300	<290	<290	<5.9	<260
Naphthalene		100,000	100,000	100,000	<6.1	<5.3	<260	<260	<260	<300	<290	<290	<5.9	<260
Tetrachloroethene		500	500	500	<6.1	<5.3	<260	<260	<260	<300	<290	<290	<5.9	<260
Trichloroethene		500	1,800	1,800	**200**	**56**	**460**	**780**	**1000**	**650**	**1800**	**1800**	**810 E**	**830**
1,4-Dioxane-SIM		500	500	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds - SW8260B - (µg/L)														
Methylene Chloride - SPLP					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 3: SUMMARY OF DETECTED CONSTITUENTS IN SUBSURFACE SOILS SITE WIDE

Constituent	Boring Number	VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)	Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)	Higher of Type 3 Subsurface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)	Kd-10	Kd-11	Kd-11	Kd-12	Kd-12	SB-300	SB-300	SB-300	SB-301	SB-301
	Sample ID				Kd-10	Kd-11	Kd-11	Kd-12	Kd-12	SB-300	SB-300	SB-300	SB-301	SB-301
	Sample Depth (ft. bgs)				17'	4'	6'	9'	10'	3-5 ft	8-10 ft	13-15 ft	3-5 ft	8-10 ft
	Date Sampled				4/13/2005	4/13/2005	4/13/2005	4/13/2005	4/13/2005	9/18/2018	9/18/2018	9/18/2018	9/19/2018	9/19/2018
Volatile Organic Compounds - SW8260B - (µg/kg)														
1,1,1-Trichloroethane		20,000	20,000	170,000	**13**	<280	<360	**6.1**	<5.9	<4.7	<5.0	<5.1	<4.6	<4.1
1,1,2-Trichloroethane		500	500	500	<5.3	<280	<360	<5	<5.9	<4.7	<5.0	<5.1	<4.6	<4.1
1,1-Dichloroethene		700	720	6,800	**6.1**	<280	<360	<5	<5.9	<4.7	<5.0	<5.1	<4.6	<4.1
1,4-Dioxane		500	500	500	<270	<14000	<18000	<250	<290	<37	<40	<41	<37	<33
Chloroform		3800	3,800	8,000	<5.3	<280	<360	<5	<5.9	<4.7	<5.0	<5.1	<4.6	<4.1
cis-1,2-Dichloroethene		7,000	7,000	7,000	**41**	<280	<360	**18**	**7.7**	**9.5**	**8.2**	**8.9**	**9.5**	**12**
Ethylbenzene		70,000	70,000	70,000	<5.3	<280	<360	<5	<5.9	<4.7	<5.0	<5.1	<4.6	<4.1
m+p-Xylene		1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes		1,000,000	1,000,000	1,000,000	<5.3	<280	<360	<5	<5.9	<9.3	<10	<10	<9.2	<8.2
Naphthalene		100,000	100,000	100,000	<5.3	<280	<360	<5	<5.9	<4.7	<5.0	<5.1	<4.6	<4.1
Tetrachloroethene		500	500	500	<5.3	<280	<360	<5	<5.9	<4.7	<5.0	<5.1	<4.6	<4.1
Trichloroethene		500	1,800	1,800	**340 E**	**1700**	**730**	**380 E**	**170**	**12**	**10**	**12**	**16**	**18**
1,4-Dioxane-SIM		500	500	500	NA	NA	NA	NA	NA	**1.9**	**2.4**	<1.0	**2.7**	**1.5**
Volatile Organic Compounds - SW8260B - (µg/L)														
Methylene Chloride - SPLP					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 3: SUMMARY OF DETECTED CONSTITUENTS IN SUBSURFACE SOILS SITE WIDE

Constituent	VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)	Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)	Higher of Type 3 Subsurface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)											
Boring Number				SB-301	SB-302	SB-302	SB-302	SB-303	SB-303	SB-303	SB-304	SB-304	SB-304
Sample ID				SB-301	SB-302	SB-302	SB-302	SB-303	SB-303	SB-303	SB-304	SB-304	SB-304
Sample Depth (ft. bgs)				13-15 ft	3-5 ft	8-10 ft	13-15 ft	3-5 ft	8-10 ft	13-15 ft	3-5 ft	8-10 ft	13-15 ft
Date Sampled				9/19/2018	9/19/2018	9/19/2018	9/19/2018	9/19/2018	9/19/2018	9/19/2018	9/18/2018	9/18/2018	9/18/2018
Volatile Organic Compounds - SW8260B - (µg/kg)													
1,1,1-Trichloroethane	20,000	20,000	170,000	<4.2	<4.6 H	<5.0 H	<4.4 H	<5.4	<5.2	<270	<7.1	<300	<320
1,1,2-Trichloroethane	500	500	500	<4.2	<4.6 H	<5.0 H	<4.4 H	<5.4	<5.2	<270	<7.1	<300	<320
1,1-Dichloroethene	700	720	6,800	<4.2	<4.6 H	<5.0 H	<4.4 H	<5.4	<5.2	<270	<7.1	<300	<320
1,4-Dioxane	500	500	500	<34	<37	<40	<35	<43	<42	<2200	<57	<2400	<2600
Chloroform	3800	3,800	8,000	<4.2	<4.6 H	<5.0 H	<4.4 H	<5.4	<5.2	<270	<7.1	<300	<320
cis-1,2-Dichloroethene	7,000	7,000	7,000	**4.8**	<4.6 H	<5.0 H	<4.4 H	<5.4	<5.2	<270	<7.1	<300	<320
Ethylbenzene	70,000	70,000	70,000	<4.2	<4.6 H	<5.0 H	<4.4 H	<5.4	<5.2	<270	<7.1	<300	<320
m+p-Xylene	1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1,000,000	1,000,000	1,000,000	<8.4	<9.2 H	<9.9 H	<8.8 H	<11	<10	<540	<14	<600	<640
Naphthalene	100,000	100,000	100,000	<4.2	<4.6 H	<5.0 H	<4.4 H	<5.4	<5.2	<270	<7.1	<300	<320
Tetrachloroethene	500	500	500	<4.2	<4.6 H	<5.0 H	<4.4 H	<5.4	<5.2	<270	<7.1	<300	<320
Trichloroethene	500	1,800	1,800	**7.2**	**53 H**	**63 H**	<4.4 H	**24**	**37**	**300**	**16**	**390**	**360**
1,4-Dioxane-SIM	500	500	500	<0.85	**1.5**	<0.92	<0.93	<1.1	<1.1	<0.94	<1.1	<0.84	<51
Volatile Organic Compounds - SW8260B - (µg/L)													
Methylene Chloride - SPLP				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 3: SUMMARY OF DETECTED CONSTITUENTS IN SUBSURFACE SOILS SITE WIDE

Constituent	Boring Number	VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)	Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)	Higher of Type 3 Subsurface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)	SB-305	SB-305	SB-305	SB-306	SB-306	SB-306	SB-307	SB-307
	Sample ID				SB-305	SB-305	SB-305	SB-306	SB-306	SB-306	SB-307	SB-307
	Sample Depth (ft. bgs)				3-5 ft	8-10 ft	13-15 ft	3-5 ft	8-10 ft	13-15 ft	3-5 ft	8-10 ft
	Date Sampled				9/18/2018	9/18/2018	9/18/2018	9/18/2018	9/18/2018	9/18/2018	9/19/2018	9/19/2018
Volatile Organic Compounds - SW8260B - (µg/kg)												
1,1,1-Trichloroethane		20,000	20,000	170,000	<380	<4.2	<4.4	<5.1	<5.0	<5.1	<6.6	<5.0
1,1,2-Trichloroethane		500	500	500	<380	<4.2	<4.4	<5.1	<5.0	<5.1	<6.6	<5.0
1,1-Dichloroethene		700	720	6,800	<380	<4.2	<4.4	<5.1	<5.0	<5.1	<6.6	<5.0
1,4-Dioxane		500	500	500	<3000	<34	<35	<41	<40	<40	<53	<40
Chloroform		3800	3,800	8,000	<380	<4.2	<4.4	<5.1	<5.0	<5.1	<6.6	<5.0
cis-1,2-Dichloroethene		7,000	7,000	7,000	<380	**5.8**	**8.2**	<5.1	<5.0	<5.1	<6.6	<5.0
Ethylbenzene		70,000	70,000	70,000	<380	<4.2	<4.4	<5.1	<5.0	<5.1	<6.6	<5.0
m+p-Xylene		1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes		1,000,000	1,000,000	1,000,000	<760	<8.4	<8.7	<10	<10	<10	<13	<10
Naphthalene		100,000	100,000	100,000	<380	<4.2	<4.4	<5.1	<5.0	<5.1	<6.6	<5.0
Tetrachloroethene		500	500	500	<380	<4.2	<4.4	<5.1	<5.0	<5.1	<6.6	<5.0
Trichloroethene		500	1,800	1,800	**560**	**130**	**170**	**31**	**19**	**89**	**97**	**130**
1,4-Dioxane-SIM		500	500	500	<0.89	<0.92	<0.85	<1.2	<1.1	<0.94	<1.1	<1.1
Volatile Organic Compounds - SW8260B - (µg/L)												
Methylene Chloride - SPLP					NA	NA	NA	NA	NA	NA	NA	NA

TABLE 3: SUMMARY OF DETECTED CONSTITUENTS IN SUBSURFACE SOILS SITE WIDE

Constituent	Boring Number	VRP Delineation Criteria 12-8-108(1)(A) (Type 1 RRS) (ug/kg)	Higher of Type 1 and Type 2 Residential Risk Reduction Standards (ug/kg)	Higher of Type 3 Subsurface and Type 4 Non-Residential Risk Reduction Standards (ug/kg)	SB-307	SB-308	SB-308	SB-308	SB-309	SB-309	SB-309	SB-310	SB-311
	Sample ID				SB-307	SB-308	SB-308	SB-308	SB-309	SB-309	SB-309	SB-310	SB-311
	Sample Depth (ft. bgs)				13-15 ft	3-5 ft	8-10 ft	13-15 ft	3-5 ft	8-10 ft	13-15 ft	18-19 ft	18-19 ft
	Date Sampled				9/19/2018	9/19/2018	9/19/2018	9/19/2018	9/20/2018	9/20/2018	9/20/2018	9/20/2018	9/20/2018
Volatile Organic Compounds - SW8260B - (µg/kg)													
1,1,1-Trichloroethane		20,000	20,000	170,000	<4.7	<4.6	<4.9	<4.5	<5.0	<4.6	<290	NA	NA
1,1,2-Trichloroethane		500	500	500	<4.7	<4.6	<4.9	<4.5	<5.0	<4.6	<290	NA	NA
1,1-Dichloroethene		700	720	6,800	<4.7	<4.6	**5.8**	<4.5	<5.0	**6.8**	<290	NA	NA
1,4-Dioxane		500	500	500	<37	<37	<39	<36	<40	<37	<2300	NA	NA
Chloroform		3800	3,800	8,000	<4.7	<4.6	<4.9	<4.5	<5.0	<4.6	<290	NA	NA
cis-1,2-Dichloroethene		7,000	7,000	7,000	<4.7	<4.6	<4.9	<4.5	<5.0	<4.6	<290	NA	NA
Ethylbenzene		70,000	70,000	70,000	<4.7	<4.6	<4.9	<4.5	<5.0	<4.6	<290	NA	NA
m+p-Xylene		1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes		1,000,000	1,000,000	1,000,000	<9.3	<9.2	<9.8	<9.1	<10	<9.2	<580	NA	NA
Naphthalene		100,000	100,000	100,000	<4.7	<4.6	<4.9	<4.5	<5.0	<4.6	<290	NA	NA
Tetrachloroethene		500	500	500	<4.7	<4.6	<4.9	<4.5	<5.0	<4.6	<290	NA	NA
Trichloroethene		500	1,800	1,800	**30**	**26**	**46**	**21**	**40**	**55**	<290	NA	NA
1,4-Dioxane-SIM		500	500	500	<1.0	**1.4**	<0.94	<1.1	<1.1	<0.97	<0.95	<1.0	<0.94
Volatile Organic Compounds - SW8260B - (µg/L)													
Methylene Chloride - SPLP					NA	NA	NA	NA	NA	NA	NA	NA	NA

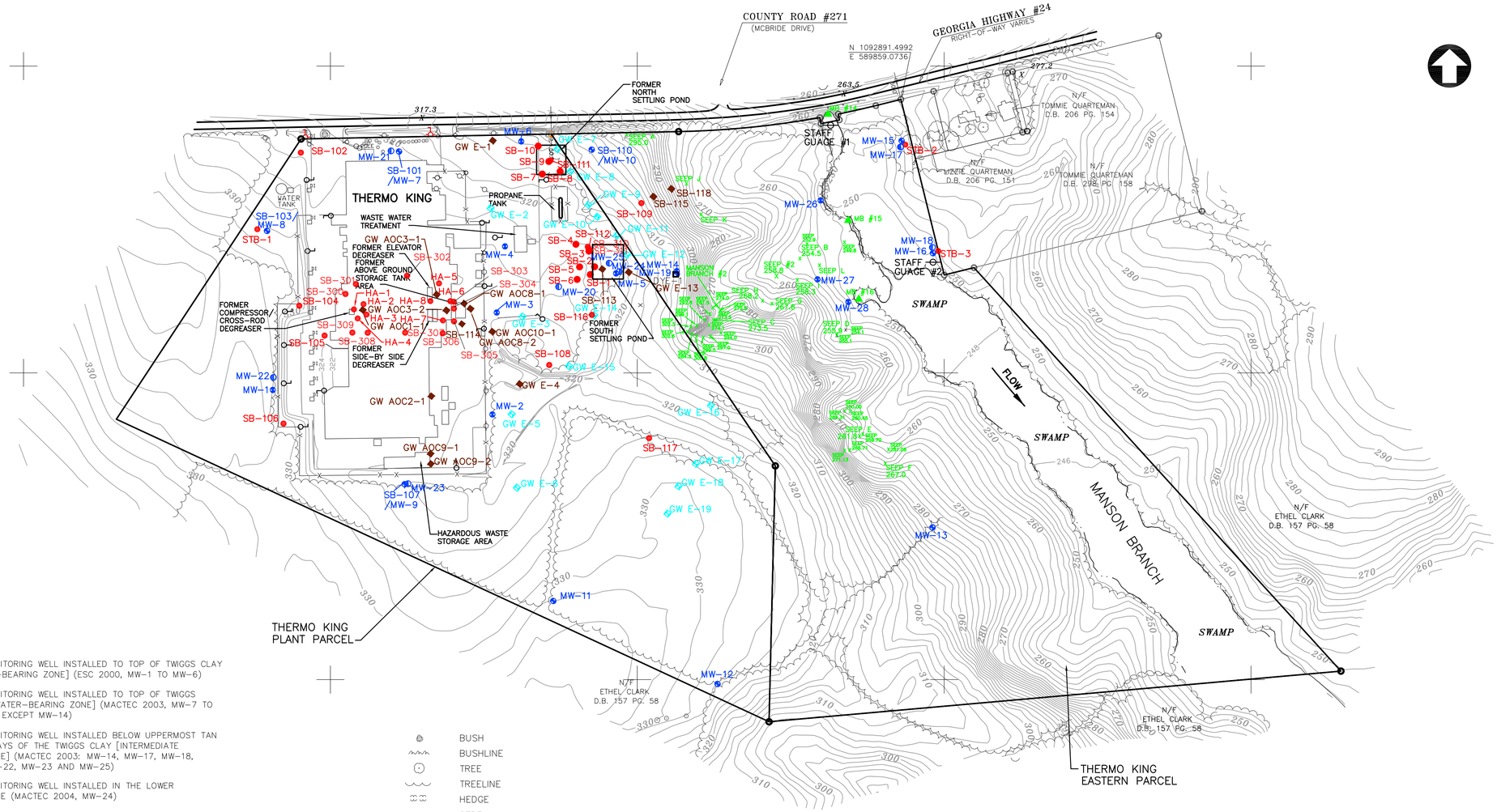
Notes:

AOC	Area of Concern
B	Constituent was detected in QA/QC blank
E	Estimated concentration; result exceeds the calibration range
GW	Ground Water
NA	Not analyzed for this constituent
µg/kg	micrograms per kilogram
µg/L	micrograms per liter
ft. bgs	feet below ground surface
SPLP	Synthetic Precipitation Leaching Procedure USEPA Method 1312
RRS	Risk Reduction Standard
<5.1	Constituent not detected above laboratory practical quantitation limit shown
	VOCs analyzed by USEPA method 5035/8260B
SIM	1,4-Dioxane analyzed by USEPA method 5035/8260B and 8260B Selective Ion Monitoring
H	Sample analyzed outside of specified holding time and/or temperature
BOLD	Indicates detected concentration above the laboratory practical quantitation limit
	Concentration Exceeds VRP Delineation Criteria
	Concentration Exceeds the Higher of the Type 1 and Type 2 Residential RRS
	Concentration Exceeds the Higher of the Type 3 Subsurface and Type 4 Non-Residential RRS

Prepared by/Date: NJM 3/2/16 HN 10/18/2018

Checked by/Date: RNQ 1/15/18 Updated RNQ 10/23/2018

FIGURES



LEGEND

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 SOIL SAMPLING
SEEP A 299.0	WATER SEEP WITH ELEVATION SAMPLED FOR SURFACE WATER FOR LABORATORY ANALYSIS (MACTEC 2003: Seeps A through L, Manson Branch #2, and Seep #2)
SEEP 252.9	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
	BUSH
	BUSHLINE
	TREE
	TREELINE
	HEDGE
	STREAM
	FENCE
300	TOPOGRAPHIC CONTOUR
DI	DROP INLET
	LIGHT POLE
	PROPERTY BOUNDARY

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.

SCALE IN FEET
0 200 400

DESIGNED	R. QUINN
DRAWN	T. GLADSTONE
CHECKED	R. QUINN
IN CHARGE	D. ALCOTT
DATE	10/22/2018

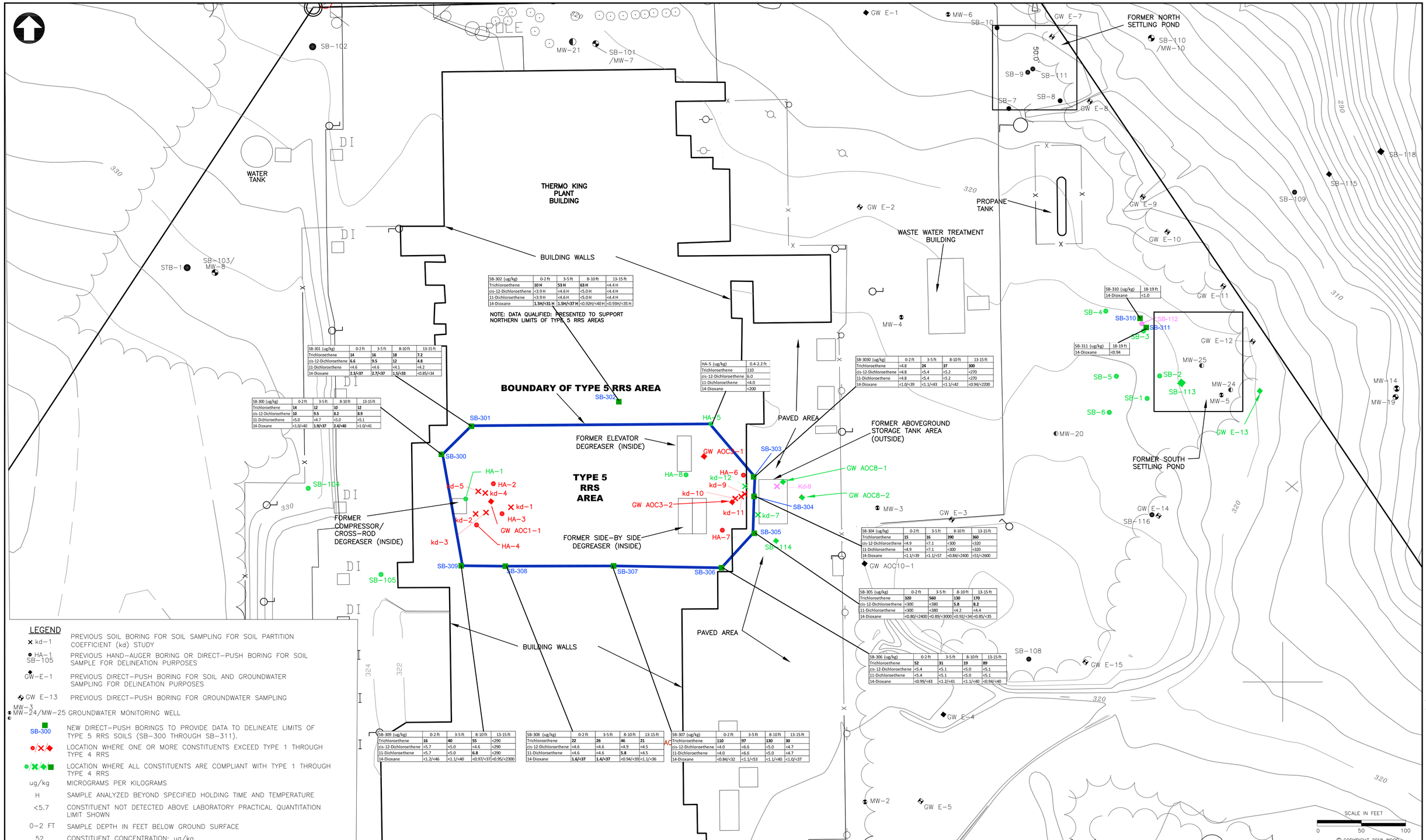
THERMO KING CORPORATION
LOUISVILLE, GEORGIA

wood.

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

SITE SAMPLE LOCATIONS

SCALE	AS SHOWN
CONTRACT	6122090322
DWG. NO.	FIG. 1
REV	3
PAGE NO	



SB-302 (ug/kg)	0-2 ft	3-5 ft	8-10 ft	13-15 ft
Trichloroethene	**10 H**	**53 H**	**63 H**	<4.4 H
cis-12-Dichloroethene	<3.9 H	<4.6 H	<5.0 H	<4.4 H
11-Dichloroethene	<3.9 H	<4.6 H	<5.0 H	<4.4 H
14-Dioxane	**1.5H/<31 H**	**1.5H/<37 H**	<0.92H/<40 H	<0.93H/<35 H

NOTE: DATA QUALIFIED: PRESENTED TO SUPPORT NORTHERN LIMITS OF TYPE 5 RRS AREAS

SB-301 (ug/kg)	0-2 ft	3-5 ft	8-10 ft	13-15 ft
Trichloroethene	**14**	**16**	**18**	**7.2**
cis-12-Dichloroethene	**6.6**	**9.5**	**12**	**4.8**
11-Dichloroethene	<4.6	<4.6	<4.1	<4.2
14-Dioxane	**2.3/<37**	**2.7/<37**	**1.5/<33**	<0.85/<34

SB-300 (ug/kg)	0-2 ft	3-5 ft	8-10 ft	13-15 ft
Trichloroethene	**14**	**12**	**10**	**12**
cis-12-Dichloroethene	**10**	**9.5**	**8.2**	**8.9**
11-Dichloroethene	<5.0	<4.7	<5.0	<5.1
14-Dioxane	<1.0/<40	**1.9/<37**	**2.4/<40**	<1.0/<41

HA-5 (ug/kg)	0.4-2.2 ft
Trichloroethene	110
cis-12-Dichloroethene	6.0
11-Dichloroethene	<4.0
14-Dioxane	<200

SB-3030 (ug/kg)	0-2 ft	3-5 ft	8-10 ft	13-15 ft
Trichloroethene	<4.8	**24**	**37**	**300**
cis-12-Dichloroethene	<4.8	<5.4	<5.2	<270
11-Dichloroethene	<4.8	<5.4	<5.2	<270
14-Dioxane	<1.0/<39	<1.1/<43	<1.1/<42	<0.94/<2200

SB-310 (ug/kg)	18-19 ft
14-Dioxane	<1.0

SB-311 (ug/kg)	18-19 ft
14-Dioxane	<0.94

SB-304 (ug/kg)	0-2 ft	3-5 ft	8-10 ft	13-15 ft
Trichloroethene	**15**	**16**	**390**	**360**
cis-12-Dichloroethene	<4.9	<7.1	<300	<320
11-Dichloroethene	<4.9	<7.1	<300	<320
14-Dioxane	<1.1/<39	<1.1/<57	<0.84/<2400	<51/<2600

SB-305 (ug/kg)	0-2 ft	3-5 ft	8-10 ft	13-15 ft
Trichloroethene	**320**	**560**	**130**	**170**
cis-12-Dichloroethene	<300	<380	**5.8**	**8.2**
11-Dichloroethene	<300	<380	<4.2	<4.4
14-Dioxane	<0.86/<2400	<0.89/<3000	<0.92/<34	<0.85/<35

SB-306 (ug/kg)	0-2 ft	3-5 ft	8-10 ft	13-15 ft
Trichloroethene	**52**	**31**	**19**	**89**
cis-12-Dichloroethene	<5.4	<5.1	<5.0	<5.1
11-Dichloroethene	<5.4	<5.1	<5.0	<5.1
14-Dioxane	<0.99/<43	<1.2/<41	<1.1/<40	<0.94/<40

SB-309 (ug/kg)	0-2 ft	3-5 ft	8-10 ft	13-15 ft
Trichloroethene	**16**	**40**	**55**	<290
cis-12-Dichloroethene	<5.7	<5.0	<4.6	<290
11-Dichloroethene	<5.7	<5.0	**6.8**	<290
14-Dioxane	<1.2/<46	<1.1/<40	<0.97/<37	<0.95/<2300

SB-308 (ug/kg)	0-2 ft	3-5 ft	8-10 ft	13-15 ft
Trichloroethene	**22**	**26**	**46**	**21**
cis-12-Dichloroethene	<4.6	<4.6	<4.9	<4.5
11-Dichloroethene	<4.6	<4.6	**5.8**	<4.5
14-Dioxane	**1.6/<37**	**1.4/<37**	<0.94/<39	<1.1/<36

SB-307 (ug/kg)	0-2 ft	3-5 ft	8-10 ft	13-15 ft
Trichloroethene	**110**	**97**	**130**	**30**
cis-12-Dichloroethene	<4.0	<6.6	<5.0	<4.7
11-Dichloroethene	<4.0	<6.6	<5.0	<4.7
14-Dioxane	<0.84/<32	<1.1/<53	<1.1/<40	<1.0/<37

LEGEND

× kd-1	PREVIOUS SOIL BORING FOR SOIL SAMPLING FOR SOIL PARTITION COEFFICIENT (kd) STUDY
● HA-1 SB-105	PREVIOUS HAND-AUGER BORING OR DIRECT-PUSH BORING FOR SOIL SAMPLE FOR DELINEATION PURPOSES
◆ GW-E-1	PREVIOUS DIRECT-PUSH BORING FOR SOIL AND GROUNDWATER SAMPLING FOR DELINEATION PURPOSES
GW E-13	PREVIOUS DIRECT-PUSH BORING FOR GROUNDWATER SAMPLING
MW-3 MW-24/MW-25	GROUNDWATER MONITORING WELL
■ SB-300	NEW DIRECT-PUSH BORINGS TO PROVIDE DATA TO DELINEATE LIMITS OF TYPE 5 RRS SOILS (SB-300 THROUGH SB-311).
●/×/◆	LOCATION WHERE ONE OR MORE CONSTITUENTS EXCEED TYPE 1 THROUGH TYPE 4 RRS
●/×/◆/■	LOCATION WHERE ALL CONSTITUENTS ARE COMPLIANT WITH TYPE 1 THROUGH TYPE 4 RRS
ug/kg	MICROGRAMS PER KILOGRAMS
H	SAMPLE ANALYZED BEYOND SPECIFIED HOLDING TIME AND TEMPERATURE
<5.7	CONSTITUENT NOT DETECTED ABOVE LABORATORY PRACTICAL QUANTITATION LIMIT SHOWN
0-2 FT	SAMPLE DEPTH IN FEET BELOW GROUND SURFACE
52	CONSTITUENT CONCENTRATION; ug/kg
16	BOLDED INDICATES DETECTION ABOVE LABORATORY PRACTICAL QUANTITATION LIMIT
× kd-8 ● SB-112	KD-8 AND SB-112 WERE NON-DETECT FOR 1,4-DIOXANE BUT AT A LABORATORY PRACTICAL QUANTITATION LIMIT ABOVE THE TYPES 1 THROUGH 4 RRS. OTHER VOC CONCENTRATIONS IN THESE TWO LOCATIONS MET TYPES 1 THROUGH 4 RRS. KD-8 IS DELINEATED BY GW-AOC8-1, GW-AOC8-2, SB-303, AND SB-304. SB-112 IS DELINEATED BY SB-310 AND SB-311.
2.3/<37	1,4-DIOXANE RESULTS BY EPA METHOD 8260B SIM METHOD/ 1,4-DIOXANE RESULTS BY EPA METHOD 8260 B

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SOIL DATA FOR INSIDE AND ADJACENT TO MAIN BUILDING AND FORMER SOUTH SETTLING POND

SCALE AS SHOWN
CONTRACT 6122090322
DWG. NO. FIG. 2
REV
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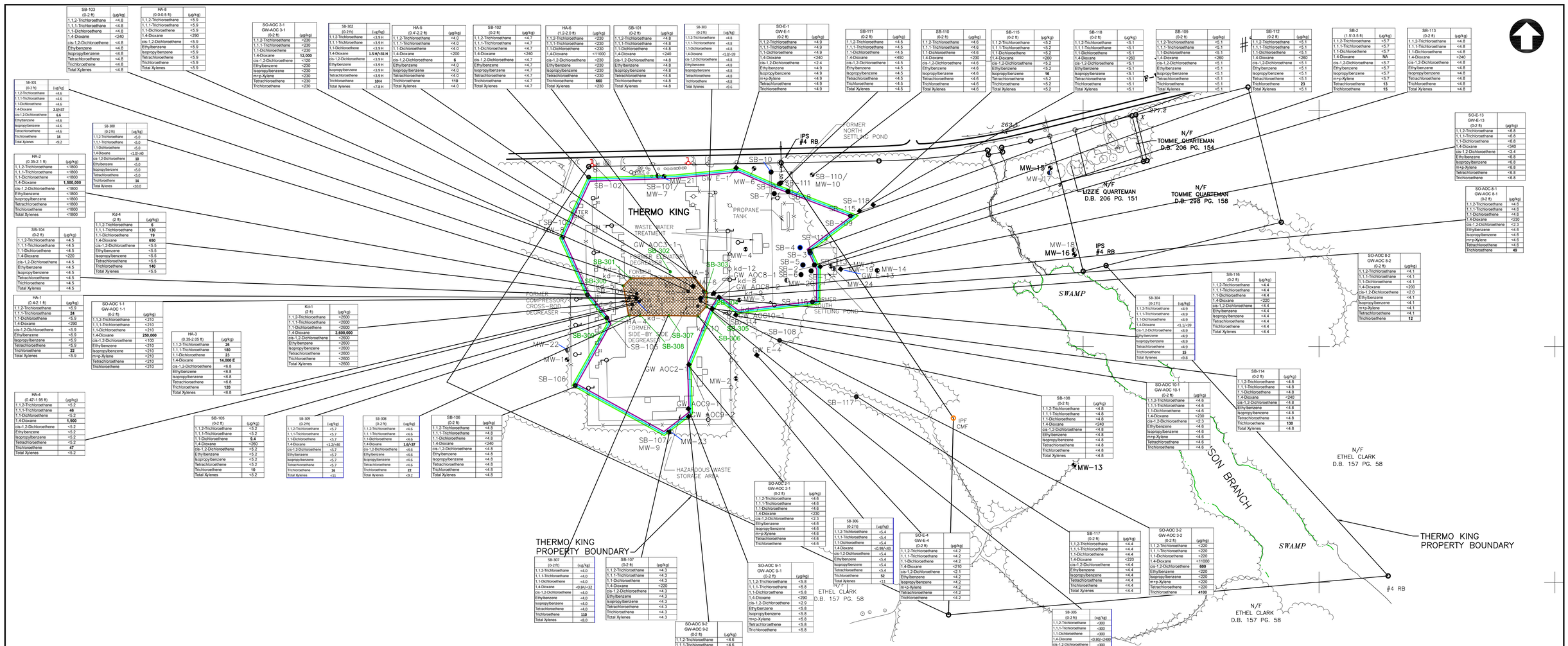
J:\Thermo King\OCT 2018\SB INSIDE BUILDING_SOUTH SET POND.dwg – Layout1 12/18/2018 11:03am Tonya.Gladstone



SB-103 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.8
1,1,1-Trichloroethane	<4.8
1,1-Dichloroethene	<4.8
1,4-Dioxane	<240
cis-1,2-Dichloroethene	<4.8
Ethylbenzene	<4.8
Isopropylbenzene	<4.8
Tetrachloroethene	<4.8
Trichloroethene	<4.8
Total Xylenes	<4.8

HA-8 (0.0-0.5 ft)	(ug/kg)
1,1,2-Trichloroethane	<5.9
1,1,1-Trichloroethane	<5.9
1,1-Dichloroethene	<5.9
1,4-Dioxane	<290
cis-1,2-Dichloroethene	<5.9
Ethylbenzene	<5.9
Isopropylbenzene	<5.9
Tetrachloroethene	<5.9
Trichloroethene	<5.9
Total Xylenes	<5.9

SO-AOC 3-1 GW-AOC 3-1 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<230
1,1,1-Trichloroethane	<230
1,1-Dichloroethene	<230
1,4-Dioxane	**12,000**
cis-1,2-Dichloroethene	<120
Ethylbenzene	<230
Isopropylbenzene	<230
m+p-Xylene	<230
Tetrachloroethene	<230
Trichloroethene	<230

SB-302 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<3.9 H
1,1,1-Trichloroethane	<3.9 H
1,1-Dichloroethene	<3.9 H
1,4-Dioxane	**13.5 H/31 H**
cis-1,2-Dichloroethene	<3.9 H
Ethylbenzene	<3.9 H
Isopropylbenzene	<3.9 H
Tetrachloroethene	<3.9 H
Trichloroethene	**10 H**
Total Xylenes	<7.8 H

HA-5 (0.4'-2.2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.0
1,1,1-Trichloroethane	<4.0
1,1-Dichloroethene	<4.0
1,4-Dioxane	<200
cis-1,2-Dichloroethene	**6**
Ethylbenzene	<4.0
Isopropylbenzene	<4.0
Tetrachloroethene	<4.0
Trichloroethene	**110**
Total Xylenes	<4.0

SB-102 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.7
1,1,1-Trichloroethane	<4.7
1,1-Dichloroethene	<4.7
1,4-Dioxane	<240
cis-1,2-Dichloroethene	<4.7
Ethylbenzene	<4.7
Isopropylbenzene	<4.7
Tetrachloroethene	<4.7
Trichloroethene	<4.7
Total Xylenes	<4.7

HA-6 (1.2-2.0 ft)	(ug/kg)
1,1,2-Trichloroethane	<230
1,1,1-Trichloroethane	<230
1,1-Dichloroethene	<230
1,4-Dioxane	<11000
cis-1,2-Dichloroethene	<230
Ethylbenzene	<230
Isopropylbenzene	<230
Tetrachloroethene	<230
Trichloroethene	**660**
Total Xylenes	<230

SB-101 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.8
1,1,1-Trichloroethane	<4.8
1,1-Dichloroethene	<4.8
1,4-Dioxane	<240
cis-1,2-Dichloroethene	<4.8
Ethylbenzene	<4.8
Isopropylbenzene	<4.8
Tetrachloroethene	<4.8
Trichloroethene	<4.8
Total Xylenes	<4.8

SB-303 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.8
1,1,1-Trichloroethane	<4.8
1,1-Dichloroethene	<4.8
1,4-Dioxane	<1.0/<39
cis-1,2-Dichloroethene	<4.8
Ethylbenzene	<4.8
Isopropylbenzene	<4.8
Tetrachloroethene	<4.8
Trichloroethene	<4.8
Total Xylenes	<9.6

SO-E-1 GW-E-1 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.9
1,1,1-Trichloroethane	<4.9
1,1-Dichloroethene	<4.9
1,4-Dioxane	<240
cis-1,2-Dichloroethene	<2.4
Ethylbenzene	<4.9
Isopropylbenzene	<4.9
m+p-Xylene	<4.9
Tetrachloroethene	<4.9
Trichloroethene	<4.9

SB-111 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.5
1,1,1-Trichloroethane	<4.5
1,1-Dichloroethene	<4.5
1,4-Dioxane	<450
cis-1,2-Dichloroethene	<4.5
Ethylbenzene	<4.5
Isopropylbenzene	<4.5
Tetrachloroethene	<4.5
Trichloroethene	<4.5
Total Xylenes	<4.5

SB-110 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.6
1,1,1-Trichloroethane	<4.6
1,1-Dichloroethene	<4.6
1,4-Dioxane	<230
cis-1,2-Dichloroethene	<4.6
Ethylbenzene	<4.6
Isopropylbenzene	<4.6
Tetrachloroethene	<4.6
Trichloroethene	<4.6
Total Xylenes	<4.6

SB-115 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<5.2
1,1,1-Trichloroethane	<5.2
1,1-Dichloroethene	<5.2
1,4-Dioxane	<260
cis-1,2-Dichloroethene	<5.2
Ethylbenzene	<5.2
Isopropylbenzene	**16**
Tetrachloroethene	<5.2
Trichloroethene	<5.2
Total Xylenes	<5.2

SB-118 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<5.1
1,1,1-Trichloroethane	<5.1
1,1-Dichloroethene	<5.1
1,4-Dioxane	<260
cis-1,2-Dichloroethene	<5.1
Ethylbenzene	<5.1
Isopropylbenzene	<5.1
Tetrachloroethene	<5.1
Trichloroethene	<5.1
Total Xylenes	<5.1

SB-109 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<5.1
1,1,1-Trichloroethane	<5.1
1,1-Dichloroethene	<5.1
1,4-Dioxane	<260
cis-1,2-Dichloroethene	<5.1
Ethylbenzene	<5.1
Isopropylbenzene	<5.1
Tetrachloroethene	<5.1
Trichloroethene	<5.1
Total Xylenes	<5.1

SB-112 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<5.1
1,1,1-Trichloroethane	<5.1
1,1-Dichloroethene	<5.1
1,4-Dioxane	<260
cis-1,2-Dichloroethene	<5.1
Ethylbenzene	<5.1
Isopropylbenzene	<5.1
Tetrachloroethene	<5.1
Trichloroethene	**23**
Total Xylenes	<5.1

SB-2 (1.0'-3.5 ft)	(ug/kg)
1,1,2-Trichloroethane	<5.7
1,1,1-Trichloroethane	<5.7
1,1-Dichloroethene	<5.7
1,4-Dioxane	NA
cis-1,2-Dichloroethene	<5.7
Ethylbenzene	<5.7
Isopropylbenzene	<5.7
m+p-Xylene	<5.7
Tetrachloroethene	**13**
Trichloroethene	**15**

SB-113 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.8
1,1,1-Trichloroethane	<4.8
1,1-Dichloroethene	<4.8
1,4-Dioxane	<240
cis-1,2-Dichloroethene	<4.8
Ethylbenzene	<4.8
Isopropylbenzene	<4.8
Tetrachloroethene	<4.8
Trichloroethene	<4.8
Total Xylenes	<4.8

SB-301 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.6
1,1,1-Trichloroethane	<4.6
1,1-Dichloroethene	<4.6
1,4-Dioxane	**2.3/<37**
cis-1,2-Dichloroethene	**5.4**
Ethylbenzene	<4.6
Isopropylbenzene	<4.6
Tetrachloroethene	<4.6
Trichloroethene	**34**
Total Xylenes	<9.2

SB-300 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<5.0
1,1,1-Trichloroethane	<5.0
1,1-Dichloroethene	<5.0
1,4-Dioxane	<1.0/<40
cis-1,2-Dichloroethene	**10**
Ethylbenzene	<5.0
Isopropylbenzene	<5.0
Tetrachloroethene	<5.0
Trichloroethene	**14**
Total Xylenes	<30.0

HA-2 (0.35-2.1 ft)	(ug/kg)
1,1,2-Trichloroethane	<1800
1,1,1-Trichloroethane	<1800
1,1-Dichloroethene	<1800
1,4-Dioxane	**1,500,000**
cis-1,2-Dichloroethene	<1800
Ethylbenzene	<1800
Isopropylbenzene	<1800
Tetrachloroethene	<1800
Trichloroethene	<1800
Total Xylenes	<1800

Kd-4 (2 ft)	(ug/kg)
1,1,2-Trichloroethane	**6**
1,1,1-Trichloroethane	**130**
1,1-Dichloroethene	**19**
1,4-Dioxane	**650**
cis-1,2-Dichloroethene	<5.5
Ethylbenzene	<5.5
Isopropylbenzene	<5.5
Tetrachloroethene	<5.5
Trichloroethene	**140**
Total Xylenes	<5.5

SB-104 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.5
1,1,1-Trichloroethane	<4.5
1,1-Dichloroethene	<4.5
1,4-Dioxane	<220
cis-1,2-Dichloroethene	<4.5
Ethylbenzene	<4.5
Isopropylbenzene	<4.5
Tetrachloroethene	<4.5
Trichloroethene	<4.5
Total Xylenes	<4.5

HA-1 (0.4-2.1 ft)	(ug/kg)
1,1,2-Trichloroethane	<5.9
1,1,1-Trichloroethane	**24**
1,1-Dichloroethene	<5.9
1,4-Dioxane	<290
cis-1,2-Dichloroethene	<5.9
Ethylbenzene	<5.9
Isopropylbenzene	<5.9
Tetrachloroethene	<5.9
Trichloroethene	**22**
Total Xylenes	<5.9

SO-AOC 1-1 GW-AOC 1-1 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<210
1,1,1-Trichloroethane	<210
1,1-Dichloroethene	<210
1,4-Dioxane	**250,000**
cis-1,2-Dichloroethene	<100
Ethylbenzene	<210
Isopropylbenzene	<210
m+p-Xylene	<210
Tetrachloroethene	<210
Trichloroethene	<210

HA-3 (0.35-2.05 ft)	(ug/kg)
1,1,2-Trichloroethane	**26**
1,1,1-Trichloroethane	**180**
1,1-Dichloroethene	**23**
1,4-Dioxane	**14,000 E**
cis-1,2-Dichloroethene	<6.8
Ethylbenzene	<6.8
Isopropylbenzene	<6.8
Tetrachloroethene	<6.8
Trichloroethene	**120**
Total Xylenes	<6.8

Kd-1 (2 ft)	(ug/kg)
1,1,2-Trichloroethane	<2600
1,1,1-Trichloroethane	<2600
1,1-Dichloroethene	<2600
1,4-Dioxane	**3,600,000**
cis-1,2-Dichloroethene	<2600
Ethylbenzene	<2600
Isopropylbenzene	<2600
Tetrachloroethene	<2600
Trichloroethene	<2600
Total Xylenes	<2600

HA-4 (0.42'-1.95 ft)	(ug/kg)
1,1,2-Trichloroethane	<5.2
1,1,1-Trichloroethane	**46**
1,1-Dichloroethene	<5.2
1,4-Dioxane	**1,900**
cis-1,2-Dichloroethene	<5.2
Ethylbenzene	<5.2
Isopropylbenzene	<5.2
Tetrachloroethene	<5.2
Trichloroethene	**47**
Total Xylenes	<5.2

SB-105 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<5.2
1,1,1-Trichloroethane	<5.2
1,1-Dichloroethene	**9.4**
1,4-Dioxane	<260
cis-1,2-Dichloroethene	<5.2
Ethylbenzene	<5.2
Isopropylbenzene	<5.2
Tetrachloroethene	<5.2
Trichloroethene	**10**
Total Xylenes	<5.2

SB-309 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<5.7
1,1,1-Trichloroethane	<5.7
1,1-Dichloroethene	<5.7
1,4-Dioxane	<1.2/<46
cis-1,2-Dichloroethene	<5.7
Ethylbenzene	<5.7
Isopropylbenzene	<5.7
Tetrachloroethene	<5.7
Trichloroethene	**16**
Total Xylenes	<11

SB-308 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.6
1,1,1-Trichloroethane	<4.6
1,1-Dichloroethene	<4.6
1,4-Dioxane	**1.6/<37**
cis-1,2-Dichloroethene	<4.6
Ethylbenzene	<4.6
Isopropylbenzene	<4.6
Tetrachloroethene	<4.6
Trichloroethene	**22**
Total Xylenes	<9.2

SB-106 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.8
1,1,1-Trichloroethane	<4.8
1,1-Dichloroethene	<4.8
1,4-Dioxane	<240
cis-1,2-Dichloroethene	<4.8
Ethylbenzene	<4.8
Isopropylbenzene	<4.8
Tetrachloroethene	<4.8
Trichloroethene	<4.8
Total Xylenes	<4.8

SO-AOC 2-1 GW-AOC 2-1 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.6
1,1,1-Trichloroethane	<4.6
1,1-Dichloroethene	<4.6
1,4-Dioxane	<230
cis-1,2-Dichloroethene	<2.3
Ethylbenzene	<4.6
Isopropylbenzene	<4.6
m+p-Xylene	<4.6
Tetrachloroethene	<4.6
Trichloroethene	<4.6

SB-306 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<5.4
1,1,1-Trichloroethane	<5.4
1,1-Dichloroethene	<5.4
1,4-Dioxane	<0.99/<43
cis-1,2-Dichloroethene	<5.4
Ethylbenzene	<5.4
Isopropylbenzene	<5.4
Tetrachloroethene	<5.4
Trichloroethene	**52**
Total Xylenes	<11

SO-E-4 GW-E-4 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.2
1,1,1-Trichloroethane	<4.2
1,1-Dichloroethene	<4.2
1,4-Dioxane	<210
cis-1,2-Dichloroethene	<2.1
Ethylbenzene	<4.2
Isopropylbenzene	<4.2
m+p-Xylene	<4.2
Tetrachloroethene	<4.2
Trichloroethene	<4.2

SB-108 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.8
1,1,1-Trichloroethane	<4.8
1,1-Dichloroethene	<4.8
1,4-Dioxane	<240
cis-1,2-Dichloroethene	<4.8
Ethylbenzene	<4.8
Isopropylbenzene	<4.8
Tetrachloroethene	<4.8
Trichloroethene	<4.8
Total Xylenes	<4.8

SO-AOC 10-1 GW-AOC 10-1 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.6
1,1,1-Trichloroethane	<4.6
1,1-Dichloroethene	<4.6
1,4-Dioxane	<230
cis-1,2-Dichloroethene	<2.3
Ethylbenzene	<4.6
Isopropylbenzene	<4.6
m+p-Xylene	<4.6
Tetrachloroethene	<4.6
Trichloroethene	<4.6

SB-114 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.8
1,1,1-Trichloroethane	<4.8
1,1-Dichloroethene	<4.8
1,4-Dioxane	<240
cis-1,2-Dichloroethene	<4.8
Ethylbenzene	<4.8
Isopropylbenzene	<4.8
Tetrachloroethene	<4.8
Trichloroethene	**130**
Total Xylenes	<4.8

SB-117 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.4
1,1,1-Trichloroethane	<4.4
1,1-Dichloroethene	<4.4
1,4-Dioxane	<220
cis-1,2-Dichloroethene	<4.4
Ethylbenzene	<4.4
Isopropylbenzene	<4.4
Tetrachloroethene	<4.4
Trichloroethene	<4.4
Total Xylenes	<4.4

SO-AOC 3-2 GW-AOC 3-2 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<220
1,1,1-Trichloroethane	<220
1,1-Dichloroethene	<220
1,4-Dioxane	<11000
cis-1,2-Dichloroethene	**600**
Ethylbenzene	<220
Isopropylbenzene	<220
m+p-Xylene	<220
Tetrachloroethene	<220
Trichloroethene	**4100**

SB-305 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<300
1,1,1-Trichloroethane	<300
1,1-Dichloroethene	<300
1,4-Dioxane	<0.85/<2400
cis-1,2-Dichloroethene	<300
Ethylbenzene	<300
Isopropylbenzene	<300
Tetrachloroethene	<300
Trichloroethene	**330**
Total Xylenes	<590

SO-AOC 9-1 GW-AOC 9-1 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<5.8
1,1,1-Trichloroethane	<5.8
1,1-Dichloroethene	<5.8
1,4-Dioxane	<290
cis-1,2-Dichloroethene	<2.9
Ethylbenzene	<5.8
Isopropylbenzene	<5.8
m+p-Xylene	<5.8
Tetrachloroethene	<5.8
Trichloroethene	<5.8

SB-307 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.0
1,1,1-Trichloroethane	<4.0
1,1-Dichloroethene	<4.0
1,4-Dioxane	<0.84/<32
cis-1,2-Dichloroethene	<4.0
Ethylbenzene	<4.0
Isopropylbenzene	<4.0
Tetrachloroethene	<4.0
Trichloroethene	**110**
Total Xylenes	<8.0

SB-107 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.3
1,1,1-Trichloroethane	<4.3
1,1-Dichloroethene	<4.3
1,4-Dioxane	<220
cis-1,2-Dichloroethene	<4.3
Ethylbenzene	<4.3
Isopropylbenzene	<4.3
Tetrachloroethene	<4.3
Trichloroethene	<4.3
Total Xylenes	<4.3

SO-AOC 9-2 GW-AOC 9-2 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.6
1,1,1-Trichloroethane	<4.6
1,1-Dichloroethene	<4.6
1,4-Dioxane	<230
cis-1,2-Dichloroethene	<2.3
Ethylbenzene	<4.6
Isopropylbenzene	<4.6
m+p-Xylene	<4.6
Tetrachloroethene	<4.6
Trichloroethene	<4.6

SO-E-13 GW-E-13 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<6.8
1,1,1-Trichloroethane	<6.8
1,1-Dichloroethene	<6.8
1,4-Dioxane	<340
cis-1,2-Dichloroethene	<3.4
Ethylbenzene	<6.8
Isopropylbenzene	<6.8
m+p-Xylene	<6.8
Tetrachloroethene	<6.8
Trichloroethene	<6.8

SO-AOC 8-1 GW-AOC 8-1 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.6
1,1,1-Trichloroethane	<4.6
1,1-Dichloroethene	<4.6
1,4-Dioxane	<230
cis-1,2-Dichloroethene	<2.3
Ethylbenzene	<4.6
Isopropylbenzene	<4.6
m+p-Xylene	<4.6
Tetrachloroethene	<4.6
Trichloroethene	**49**

SO-AOC 8-2 GW-AOC 8-2 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.1
1,1,1-Trichloroethane	<4.1
1,1-Dichloroethene	<4.1
1,4-Dioxane	<200
cis-1,2-Dichloroethene	<2.0
Ethylbenzene	<4.1
Isopropylbenzene	<4.1
m+p-Xylene	<4.1
Tetrachloroethene	<4.1
Trichloroethene	**12**

SB-116 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.4
1,1,1-Trichloroethane	<4.4
1,1-Dichloroethene	<4.4
1,4-Dioxane	<220
cis-1,2-Dichloroethene	<4.4
Ethylbenzene	<4.4
Isopropylbenzene	<4.4
Tetrachloroethene	<4.4
Trichloroethene	<4.4
Total Xylenes	<4.4

SB-304 (0-2 ft)	(ug/kg)
1,1,2-Trichloroethane	<4.9
1,1,1-Trichloroethane	<4.9
1,1-Dichloroethene	<4.9
1,4-Dioxane	<1.1/<39
cis-1,2-Dichloroethene	<4.9
Ethylbenzene	<4.9
Isopropylbenzene	<4.9
Tetrachloroethene	<4.9
Trichloroethene	**55**
Total Xylenes	<9.8

LEGEND

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 AND MW-23)

MW-24 — GROUND-WATER MONITORING WELL INSTALLED IN THE LOWER WATER-BEARING ZONE (MACTEC 2004, MW-24)

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 AND 2005 SB-1 TO SB-10, SB-101 TO SB-112, SB-116 AND SB-117 AND HA-1 TO HA-8, Kd-1 TO Kd-12) (Soil borings for soil sampling SB-101, SB-103, SB-107, and SB-110 were completed as monitoring wells MW-7, MW-8, MW-9, and MW-10). Wood 2018: SB-300 to SB-311.

VOCs	VOLATILE ORGANIC COMPOUNDS
ug/kg	MICROGRAMS PER KILOGRAMS
NS	NOT SAMPLED
0-2 FT	SAMPLE DEPTH IN FEET BELOW GROUND SURFACE
110	CONSTITUENT CONCENTRATION IN ug/kg
<5.2	CONSTITUENT CONCENTRATION NOT DETECTED ABOVE LABORATORY PRACTICAL QUANTITATION LIMIT SHOWN
E	ESTIMATED CONCENTRATION; RESULT EXCEEDS THE CALIBRATION RANGE
NA	NOT ANALYZED
H	SAMPLE ANALYZED BEYOND SPECIFIED HOLDING TIME AND TEMPERATURE

BOLDED INDICATED DETECTION ABOVE LABORATORY PRACTICAL QUANTITATION LIMIT

BUSH
BUSHLINE
TREE
TREELINE
HEDGE
STREAM
FENCE
DROP INLET
LIGHT POLE
PROPERTY BOUNDARY

EXTENT OF VOCs IN SURFACE SOILS (0-2 FEET) VOCS DELINEATED BASED ON THE LOWEST TYPE I RRS VALUES [(TRICHLOROETHENE (500 UG/KG) AND 1,4-DIOXANE (500 UG/KG)]

EXTENT OF VOCs IN SURFACE SOILS BASED ON THE HIGHEST OF TYPE 1 AND TYPE 2 RESIDENTIAL RRS

EXTENT OF VOCs IN SURFACE SOILS BASED ON THE HIGHEST OF TYPE 3 (SURFACE) AND TYPE 4 NON-RESIDENTIAL RRS

SOILS COMPLIANT WITH TYPE 5 RRS

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 SAMPLING LOCATIONS SURVEYED BY MACTEC ENGINEERING AND CONSULTING INC., LOCATIONS OF FORMER NORTH AND SOUTH SETTLING PONDS APPROXIMATED FROM HISTORICAL AERIAL PHOTOGRAPHS.

Delineation Criteria	
Type 1 RRS for Soil in ug/kg	
1,1,2-Trichloroethane	500
1,1,1-Trichloroethane	20,000
1,1-Dichloroethene	700
1,4-Dioxane	500
cis-1,2-Dichloroethene	7,000
Ethylbenzene	70,000
Isopropylbenzene	22,000
m+p-Xylene	1,000,000
Tetrachloroethene	500
Trichloroethene	500
Total Xylenes	1,000,000

SCALE IN FEET
0 200 400

DESIGNED
DRAWN T. GLADSTONE
CHECKED R. QUINN
IN CHARGE D. ALCOTT
DATE 11/6/2018

THERMO KING CORPORATION
LOUISVILLE, GEORGIA

wood.

ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC.
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DISTRIBUTION AND EXTENT OF DETECTED CONSTITUENTS IN SURFACE SOIL

FIGURE: 3

SCALE AS SHOWN
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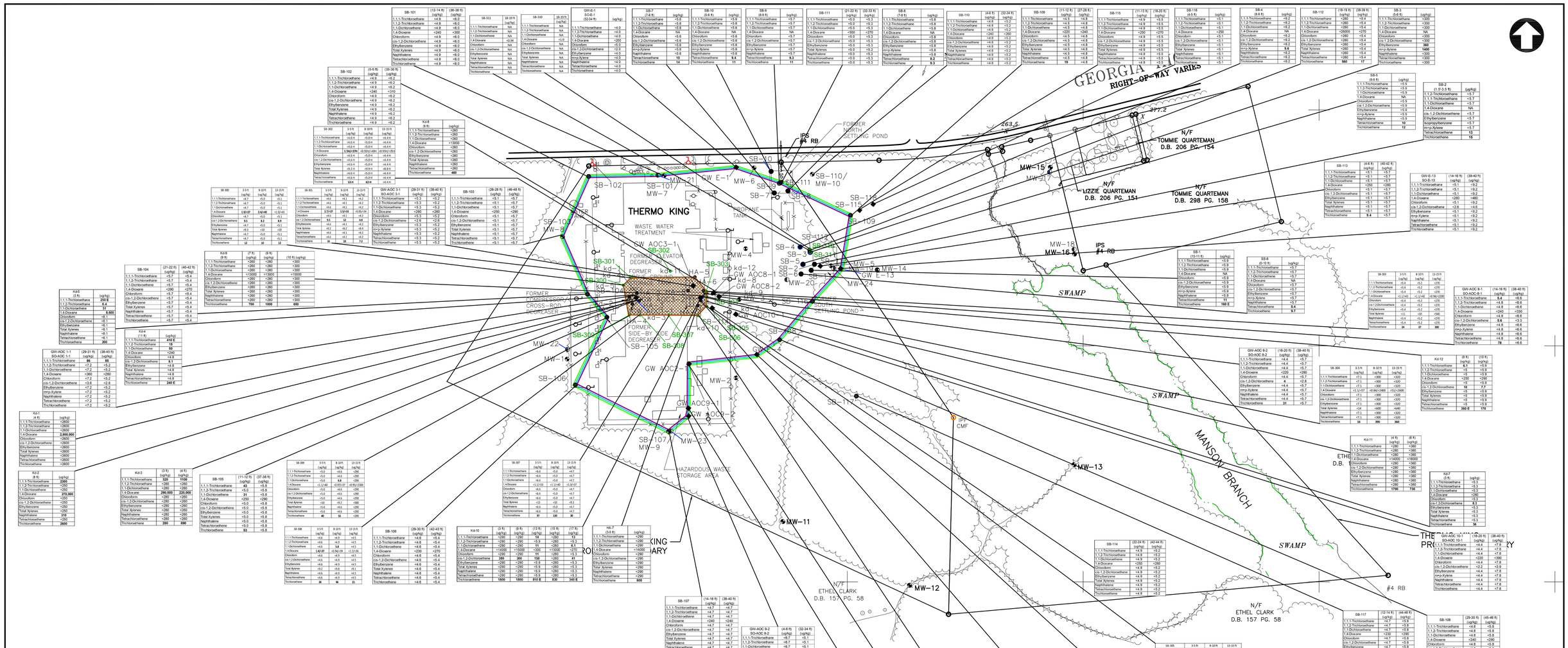

LEGEND

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 AND MW-23)

MW-24 — GROUND-WATER MONITORING WELL INSTALLED IN THE LOWER WATER-BEARING ZONE (MACTEC 2004, MW-24)

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 AND 2005 SB-1 TO SB-10, SB-101 TO SB-112, SB-116 AND SB-117 AND HA-1 TO HA-8, Kd-1 TO Kd-12) (Soil borings for soil sampling SB-101, SB-103, SB-107, and SB-110 were completed as monitoring wells MW-7, MW-8, MW-9, and MW-10). Wood 2018: SB-300 to SB-311.

VOCs — VOLATILE ORGANIC COMPOUNDS

ug/kg — MICROGRAMS PER KILOGRAMS

NS — NOT SAMPLED

0–2 FT — SAMPLE DEPTH IN FEET BELOW GROUND SURFACE

110 — CONSTITUENT CONCENTRATION; ug/kg

<5.2 — CONSTITUENT CONCENTRATION NOT DETECTED ABOVE LABORATORY PRACTICAL QUANTITATION LIMIT SHOWN

E — ESTIMATED CONCENTRATION; RESULT EXCEEDS THE CALIBRATION RANGE

H — SAMPLE ANALYZED BEYOND SPECIFIED HOLDING TIME AND TEMPERATURE

NA — NOT ANALYZED

BOLDED INDICATES DETECTION ABOVE LABORATORY PRACTICAL QUANTITATION LIMIT

BUSH
BUSHLINE
TREE
TREELINE
HEDGE
STREAM
FENCE
DROP INLET
LIGHT POLE
PROPERTY BOUNDARY

EXTENT OF VOCs IN SUBSURFACE SOILS (2 FEET AND DEEPER). VOCS DELINEATED BASED ON THE LOWEST TYPE 1 RRS VALUES [(TRICHLOROETHENE (500 UG/KG) AND 1,4-DIOXANE(500 UG/KG)]

EXTENT OF VOCs IN SUBSURFACE SOILS BASED ON THE HIGHEST OF TYPE 1 AND TYPE 2 RESIDENTIAL RRS.

EXTENT OF VOCs IN SUBSURFACE SOILS BASED ON THE HIGHEST OF TYPE 3 AND TYPE 4 NON-RESIDENTIAL RRS.

SOILS COMPLIANT WITH TYPE 5 RRS

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 SAMPLING LOCATIONS SURVEYED BY MACTEC ENGINEERING AND CONSULTING INC., LOCATIONS OF FORMER NORTH AND SOUTH SETTLING PONDS APPROXIMATED FROM HISTORICAL AERIAL PHOTOGRAPHS.

Delineation Criteria	
Type 1 RRS for Soil in ug/kg	
1,1,1-Trichloroethane	20,000
1,1,2-Trichloroethane	500
1,1-Dichloroethane	700
1,4-Dioxane	500
Chloroform	3,800
cis-1,2-Dichloroethene	7,000
Ethylbenzene	70,000
m+p-Xylene	1,000,000
Total Xylenes	1,000,000
Naphthalene	100,000
Tetrachloroethene	500
Trichloroethene	500

DESIGNED
DRAWN T. GLADSTONE
CHECKED R. QUINN
IN CHARGE D. ALCOTT
DATE 11/6/2018

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DISTRIBUTION AND EXTENT OF DETECTED CONSTITUENTS IN SUBSURFACE SOIL

FIGURE: 4

SCALE AS SHOWN
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SCALE IN FEET
0 200 400

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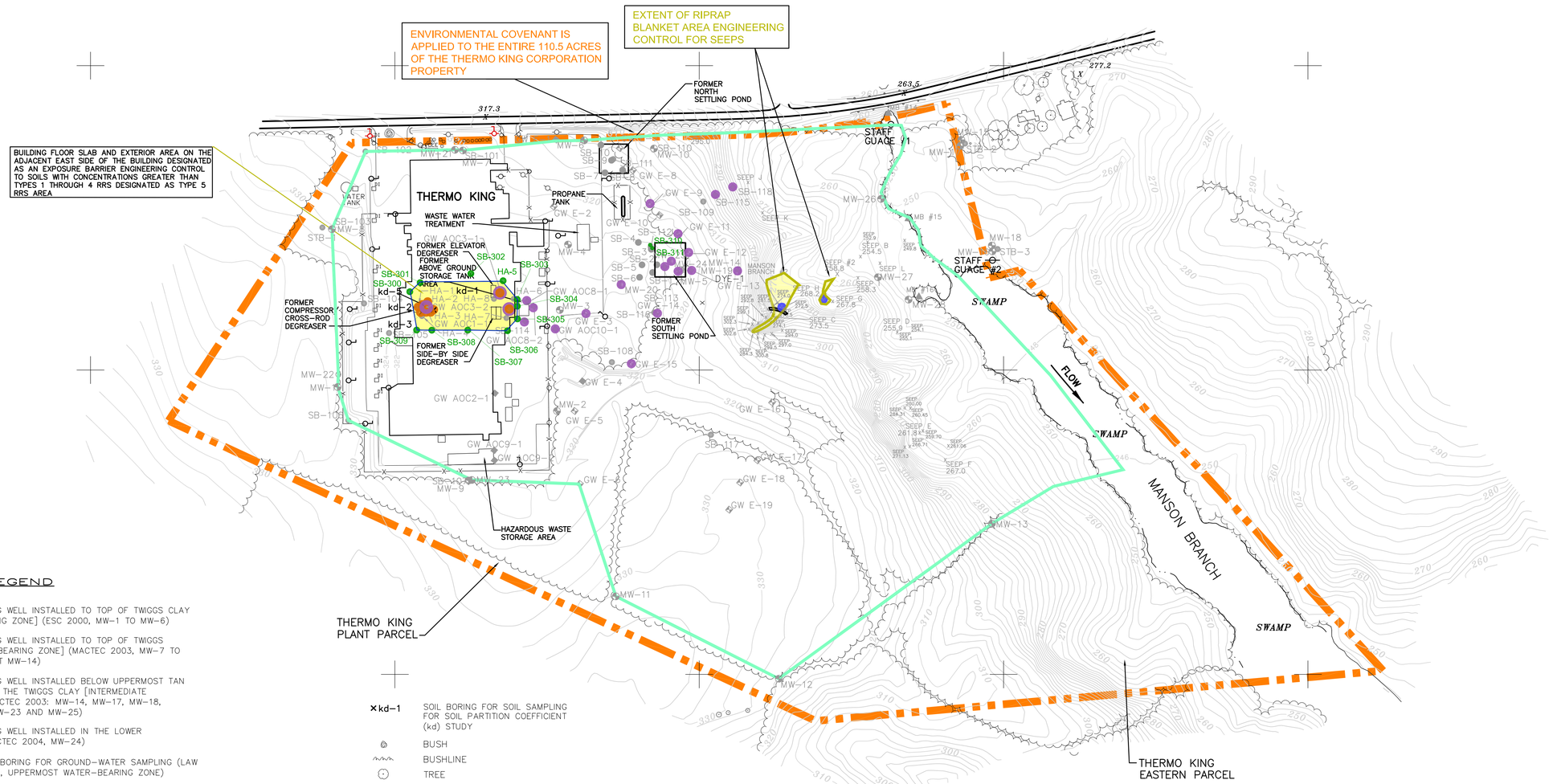

LEGEND

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 A 299.0	WATER SEEP WITH ELEVATION SAMPLED FOR SURFACE WATER FOR LABORATORY ANALYSIS (MACTEC 2003: Seeps A through L, Manson Branch #2, and Seep #2)
SEEP 252.9	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-308	SOIL BORINGS WITH VOC CONCENTRATIONS LESS THAN TYPE 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
DI	DROP INLET
	LIGHT POLE
	TYPE 5 RRS 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)

SCALE IN FEET
0 200 400

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	11/6/2018

THERMO KING CORPORATION
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wood.

ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC.
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RISK REDUCTION STANDARDS COMPLIANCE MAP WITH LOCATIONS OF ENGINEERING AND INSTITUTIONAL CONTROLS

FIGURE: 5

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

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APPENDIX A

RESPONSE TO EPD COMMENTS MAY 24, 2018

RESPONSE TO MAY 24, 2018 EPD COMMENTS ON THE MARCH 12, 2018 RESPONSES AND APRIL 20, 2018 SOIL INVESTIGATION WORK PLAN
VOLUNTARY REMEDIATION PROGRAM SITE
THERMO-KING FACILITY, LOUISVILLE, JEFFERSON COUNTY, GA, HSI 10702

Comment:
The Georgia Environmental Protection Division (EPD) has reviewed the subject submittal prepared and submitted by Wood Group, PLC (Wood), on behalf of Thermo King Corporation (Thermo King)/Ingersoll Rand Company (Ingersoll Rand). Based on said review, EPD has determined that the responses to EPD Comments# 1, 3, 4, and 5 in the March 12, 2018 are acceptable as provided.

Response to Comment:
Noted.

Comment #1:
Soil near South Settling Pond: *Please note that 1,4-dioxane was used as a stabilizer for trichloroethene (TCE) product as well as for trichloroethane (TCA). Therefore, EPD considers 1,4-dioxane to be a potential constituent of concern in the referenced settling pond area. Please collect an soil samples near boring SB-112 at the depths where TCE was detected in the past and analyze for 1,4-dioxane (see Comment #2a) to determine the presence or absence of 1,4-dioxane.*

Response to Comment #1:
1,4-dioxane was reported at <26,000 µg/kg at 18 to 19 feet, bgs in boring SB-112 in the former south settling pond area. In September 2018, two soil borings SB-310 and SB-311 were advanced approximately 5 feet to the northwest and southeast of SB-112 Soil samples were collected from SB-310 and SB-311 at 18 to 19 feet and analyzed for 1,4-dioxane using USEPA method 8260B Selective Ion Monitoring. The results were <1.0 and <0.94 µg/kg, respectively, indicating 1,4-dioxane was not detected at the SB-112 location. The trichloroethene concentration of 560 µg/kg in SB-112 at 18 to 19 feet complies with the site-specific Types 2 and 4 RRS of 1800 µg/kg.

Comment #2a:
Former Degreaser Area:
Please add two soil sampling locations to the proposed soil boring locations shown on Figure A-1 of the subject submittal at location: 1) due south of soil boring HA-3 on the southern blue line shown on the figure, and 2) approximately 125 feet east of the first requested boring. Soil samples should be collected and analyzed as proposed for the original proposed eight borings proposed in the work plan.

Response to Comment #2a:
Soil boring SB-308 was located south of previous boring HA-3, and was drilled and sampled to 15 feet total depth. Boring SB-307 was located about 125 feet to east of SB-308 and was also drilled and sampled to a total depth of 15 feet. Please see Figure 2 in this CSR Addendum for the boring locations.

Comment #2b:
Analytical Method:
1,4-dioxane should be analyzed using U.S. EPA Method 8260 with Selective Ion Monitoring (SIM) unless the laboratory can ensure that practical quantitation limits will be lower than the applicable Type 1-4 RRS for soil without using SIM in order to ensure that the goals of the investigation can be achieved.

Response to Comment #2b:
The soil samples collected from new borings SB-300 through SB-311 were analyzed using U.S. EPA Method 8260 with Selective Ion Monitoring. The soil samples from borings SB-300 through SB-309 were also analyzed for 1,4-Dioxane using U.S. EPA Method 8260B. The analytical results are summarized on Tables 2 and 3 in this CSR Addendum.

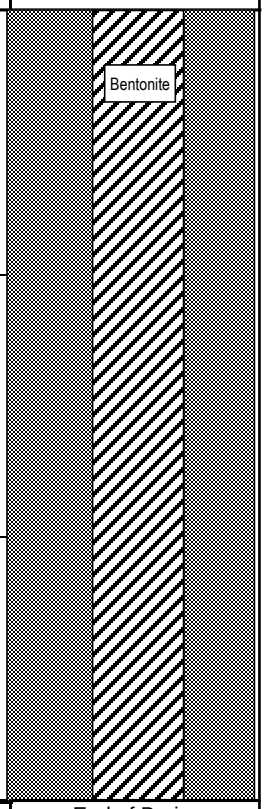
APPENDIX B

BORING LOGS

Wood.	BORING LOG	SB-300 (BORING ID.)

PROJECT: Thermo King - Louisville, GA	
CLIENT: Ingersoll Rand	PROJ. NO. 6122090322
DRILLING CONTRACTOR: Cascade - Florida	DATE START: 9/18/18
TOP OF RISER ELEVATION: NA	DATE FINISH: 9/18/18
GROUND ELEVATION: ft 324.82 DATUM: Georgia State Plane (west zone)	DRILLER: Dylan Jones
DRILLING METHOD: Geoprobe 7822DT Direct Push Technology (DPT) Rig	FIELD REP: A Shoredits
SAMPLING METHOD: 5-foot long Macro-Core® Core Barrel	
CORING METHOD: DPT	

DEPTH FT.	SAMPLE ID.	SAMPLE RECOVERY	PID READING (PPM)	ANALYTICAL SAMPLE	SYMBOL	IDENTIFICATION & REMARKS
1	0-5'	5.0/5.0	3.4	**0-2 ft**	Lab	0-0.5 ft bgs: Concrete 0.5-5.0 ft bgs: Red and gray very dense clayey silty SAND, dry
2						
3			4.4	**3-5 ft**	Lab	
4						
5						
6	5-10'	2.5/3.3	NM	5-7.5 ft		5-7.5 ft bgs: Red very dense clayey silty SAND, dry 7.5-10.0 ft bgs: Red dense clayey silty SAND, dry
7						
8		2.5/3.5	5.2	7.5-10 ft		
9				**8-10 ft**	Lab	
10						
11	10-15'	2.5/3.0	NM			10.0-12.5 ft bgs: Red dense clayey silty SAND, dry 12.5-15.0 ft bgs: Red dense clayey silty SAND, dry
12						
13		2.5/3.2	4.1	**13-15 ft**	Lab	
14						
15						
16						Boring Terminated at 15.0 ft bgs
						Lab = soil sample analyzed in laboratory



End of Boring

prepared by: AS 9/18/18
checked by: RNQ 12/3/18

Wood Environment & Infrastructure Solutions, Inc.

Wood.	BORING LOG	SB-301 (BORING ID.)

PROJECT: Thermo King - Louisville, GA	
CLIENT: Ingersoll Rand	PROJ. NO. 6122090322
DRILLING CONTRACTOR: Cascade - Florida	DATE START: 9/19/18
TOP OF RISER ELEVATION: NA	DATE FINISH: 9/19/18
GROUND ELEVATION: ft 324.77 DATUM: Georgia State Plane (west zone)	DRILLER: Dylan Jones
DRILLING METHOD: Geoprobe 7822DT Direct Push Technology (DPT) Rig	FIELD REP: A Shoredits
SAMPLING METHOD: 5-foot long Macro-Core® Core Barrel	
CORING METHOD: DPT	

DEPTH FT.	SAMPLE ID.	SAMPLE RECOVERY	PID READING (PPM)	ANALYTICAL SAMPLE	SYMBOL	IDENTIFICATION & REMARKS	
1	0-5'	3.3/5.0	0.9	**0-2 ft**	Lab	0-0.2 ft bgs: Concrete 0.2-5.0 ft bgs: Gray and red very dense clayey silty SAND, dry	Bentonite
2							
3			4.4	**3-5 ft**	Lab		
4							
5							
6	5-10'	2.5/3.3	7.6	5-7.5 ft		5-7.5 ft bgs: Red dense clayey silty SAND, dry 7.5-10.0 ft bgs: Red dense clayey silty SAND, dry	
7							
8		2.5/3.7	5.4	7.5-10 ft **8-10 ft**	Lab		
9							
10							
11	10-15'	2.5/3.0	6.9			10.0-12.5 ft bgs: Red dense clayey silty SAND, dry 12.5-15.0 ft bgs: Red dense clayey silty SAND, dry	
12							
13		2.5/3.5	5.1	**13-15 ft**	Lab		
14							
15							
16						Boring Terminated at 15.0 ft bgs	End of Boring
						Lab = soil sample analyzed in laboratory	

prepared by: AS 9/19/18
checked by: RNQ 12/3/18

Wood Environment & Infrastructure Solutions, Inc.

Wood.	BORING LOG	SB-302 (BORING ID.)

PROJECT: Thermo King - Louisville, GA	
CLIENT: Ingersoll Rand	PROJ. NO. 6122090322
DRILLING CONTRACTOR: Cascade - Florida	DATE START: 9/19/18
TOP OF RISER ELEVATION: NA	DATE FINISH: 9/19/18
GROUND ELEVATION: ft 324.91 DATUM: Georgia State Plane (west zone)	DRILLER: Dylan Jones
DRILLING METHOD: Geoprobe 7822DT Direct Push Technology (DPT) Rig	FIELD REP: A Shoredits
SAMPLING METHOD: 5-foot long Macro-Core® Core Barrel	
CORING METHOD: DPT	

DEPTH FT.	SAMPLE ID.	SAMPLE RECOVERY	PID READING (PPM)	ANALYTICAL SAMPLE	SYMBOL	IDENTIFICATION & REMARKS	
1 2 3 4 5	0-5'	4.0/5.0	4.1 5.2	**0-2 ft** **3-5 ft**	Lab Lab	0-0.2 ft bgs: Concrete 0.2-5.0 ft bgs: Gray and red medium dense clayey silty SAND, dry	Bentonite
6 7 8 9 10	5-10'	2.5/3.3 2.5/3.8	11.1 11.0	5-7.5 ft 7.5-10 ft **8-10 ft**	Lab	5-7.5 ft bgs: Red medium dense clayey silty SAND, dry 7.5-10.0 ft bgs: Red medium dense clayey silty SAND, dry	
11 12 13 14 15	10-15'	2.5/3.3 2.5/3.2	8.7 9.5	10-12.5 ft **13-15 ft**	Lab	10.0-12.5 ft bgs: Red medium dense clayey silty SAND, dry 12.5-15.0 ft bgs: Red medium dense clayey silty SAND, dry	
16						Boring Terminated at 15.0 ft bgs	End of Boring
						Lab = soil sample analyzed in laboratory	

prepared by: AS 9/18/18
checked by: RNQ 12/3/18

Wood Environment & Infrastructure Solutions, Inc.

Wood.	BORING LOG	SB-303 (BORING ID.)

PROJECT: Thermo King - Louisville, GA	
CLIENT: Ingersoll Rand	PROJ. NO. 6122090322
DRILLING CONTRACTOR: Cascade - Florida	DATE START: 9/18/18
TOP OF RISER ELEVATION: NA	DATE FINISH: 9/18/18
GROUND ELEVATION: ft 323.87 DATUM: Georgia State Plane (west zone)	DRILLER: Dylan Jones
DRILLING METHOD: Geoprobe 7822DT Direct Push Technology (DPT) Rig	FIELD REP: A Shoredits
SAMPLING METHOD: 5-foot long Macro-Core® Core Barrel	
CORING METHOD: DPT	

DEPTH FT.	SAMPLE ID.	SAMPLE RECOVERY	PID READING (PPM)	ANALYTICAL SAMPLE	SYMBOL	IDENTIFICATION & REMARKS
1	0-5'	5.0/5.0	6.4	**0-2 ft**	Lab	0-0.5 ft bgs: Asphalt
2			7.2	2-3 ft		0.5-5.0 ft bgs: Black and red very dense clayey silty SAND, dry
3			5.0	**3-5 ft**	Lab	
4						
5						
6	5-10'	2.5/4.0	4.7	5-7.5 ft		5-7.5 ft bgs: Red very dense clayey silty SAND, dry
7						7.5-10.0 ft bgs: Red very dense clayey silty SAND, dry
8		2.5/3.0	7.4	**8-10 ft**	Lab	
9						
10						
11	10-15'	2.5/2.8	5.8	10-12.5 ft		10.0-12.5 ft bgs: Red dense clayey silty SAND, dry
12						12.5-15.0 ft bgs: Red dense clayey silty SAND, dry
13		2.5/3.0	1.0	**13-15 ft**	Lab	
14						
15						
16						Boring Terminated at 15.0 ft bgs
						Lab = soil sample analyzed in laboratory

Bentonite

End of Boring

prepared by: AS 9/18/18
checked by: RNQ 12/3/18

Wood Environment & Infrastructure Solutions, Inc.

Wood.	BORING LOG	SB-304 (BORING ID.)

PROJECT: Thermo King - Louisville, GA	
CLIENT: Ingersoll Rand	PROJ. NO. 6122090322
DRILLING CONTRACTOR: Cascade - Florida	DATE START: 9/18/18
TOP OF RISER ELEVATION: NA	DATE FINISH: 9/18/18
GROUND ELEVATION: ft 323.97 DATUM: Georgia State Plane (west zone)	DRILLER: Dylan Jones
DRILLING METHOD: Geoprobe 7822DT Direct Push Technology (DPT) Rig	FIELD REP: A Shoredits
SAMPLING METHOD: 5-foot long Macro-Core® Core Barrel	
CORING METHOD: DPT	

DEPTH FT.	SAMPLE ID.	SAMPLE RECOVERY	PID READING (PPM)	ANALYTICAL SAMPLE	SYMBOL	IDENTIFICATION & REMARKS
1	0-5'	5.0/5.0	6.2	**0-2 ft**	Lab	0-0.2 ft bgs: Asphalt 0.2-5.0 ft bgs: Red and orange very dense to dense clayey silty SAND, dry
2			9.2	2-3 ft		
3			10.5	**3-5 ft**	Lab	
4						
5						
6	5-10'	5.0/5.0 (5-9 ft)	16.6	5-7 ft		5.0-9.0 ft bgs: Red very dense clayey silty SAND, dry
7			13.4	7-8 ft		
8			13.2	8-9 ft		
9				**8-10 ft**	Lab	
10						
11	10-15'	4.0/5.0 (9-13 ft)	13.9	9-10 ft		9.0-15.0 ft bgs: Red dense clayey silty SAND, dry
12			25.4	10-13 ft		
13		2.0/3.0 (13-15 ft)				
14			17.7	**13-15 ft**	Lab	
15						
16						Boring Terminated at 15.0 ft bgs

Bentonite

End of Boring

Lab = soil sample analyzed in laboratory

prepared by: AS 9/18/18
checked by: RNQ 12/7/18

Wood Environment & Infrastructure Solutions, Inc.

Wood.	BORING LOG	SB-305 (BORING ID.)

PROJECT: Thermo King - Louisville, GA
CLIENT: Ingersoll Rand — PROJ. NO. 6122090322
DRILLING CONTRACTOR: Cascade - Florida — DATE START: 9/18/18
TOP OF RISER ELEVATION: NA — DATE FINISH: 9/18/18
GROUND ELEVATION: ft 324.43 DATUM: Georgia State Plane (west zone) — DRILLER: Dylan Jones
DRILLING METHOD: Geoprobe 7822DT Direct Push Technology (DPT) Rig — FIELD REP: A Shoredits
SAMPLING METHOD: 5-foot long Macro-Core® Core Barrel
CORING METHOD: DPT

DEPTH FT.	SAMPLE ID.	SAMPLE RECOVERY	PID READING (PPM)	ANALYTICAL SAMPLE	SYMBOL	IDENTIFICATION & REMARKS
1	0-5'	4.6/5.0	9.4	**0-2 ft**	Lab	0-0.5 ft bgs: Asphalt
2			7.0	2-3 ft		0.5-2.0 ft bgs: Black, orange, and red loose silty SAND, dry
3			8.6	**3-5 ft**	Lab	2.0-5.0 ft bgs: Orange and red dense clayey silty SAND, dry
4						
5						
6	5-10'	5.0/5.0	8.3	5-7 ft		5.0-10.0 ft bgs: Red dense clayey silty SAND, dry
7			10.8	7-8 ft		
8						
9			15.1	**8-10 ft**	Lab	
10						
11	10-15'	3.5/4.0	17.9	10-13 ft		10.0-15.0 ft bgs: Red clayey silty SAND, dry
12						
13		1.5/3.0	26.3	13-13.5 ft		
14			26.5	**13-15 ft**	Lab	
15						
16						Boring Terminated at 15.0 ft bgs

Bentonite

End of Boring

Lab = soil sample analyzed in laboratory

prepared by: AS 9/18/18
checked by: RNQ 12/7/18

Wood Environment & Infrastructure Solutions, Inc.

Wood.	BORING LOG	SB-306 (BORING ID.)

PROJECT: Thermo King - Louisville, GA	
CLIENT: Ingersoll Rand	PROJ. NO. 6122090322
DRILLING CONTRACTOR: Cascade - Florida	DATE START: 9/18/18
TOP OF RISER ELEVATION: NA	DATE FINISH: 9/18/18
GROUND ELEVATION: ft 324.94 DATUM: Georgia State Plane (west zone)	DRILLER: Dylan Jones
DRILLING METHOD: Geoprobe 7822DT Direct Push Technology (DPT) Rig	FIELD REP.:A Shoredits
SAMPLING METHOD: 5-foot long Macro-Core® Core Barrel	
CORING METHOD: DPT	

DEPTH FT.	SAMPLE ID.	SAMPLE RECOVERY	PID READING (PPM)	ANALYTICAL SAMPLE	SYMBOL	IDENTIFICATION & REMARKS	
1	0-5'	5.0/5.0	1.4	**0-2 ft**	Lab	0-0.2 ft bgs: Concrete 0.2-5.0 ft bgs: dense clayey silty SAND, dry	Bentonite
2			1.4	2-3 ft			
3			2.6	**'3-5 ft**	Lab		
4							
5							
6	5-10'	2.5/3.5	2.4	5-7.5 ft		5-7.5 ft bgs: dense clayey silty SAND, dry 8.0-10.0 ft bgs: dense clayey silty SAND, dry	
7							
8		2.5/3.5	1.4	**8-10 ft**	Lab		
9							
10							
11	10-15'	2.5/3.5	5.0	**10-12 ft**		10.0-15.0 ft bgs: dense clayey silty SAND, dry	
12							
13		2.5/3.5	2.6	**13-15 ft**	Lab		
14							
15							
16						Boring Terminated at 15.0 ft bgs	End of Boring
						Lab = soil sample analyzed in laboratory	

prepared by: AS 9/18/18
checked by: RNQ 12/7/18

Wood Environment & Infrastructure Solutions, Inc.

Wood.	BORING LOG	SB-307 (BORING ID.)

PROJECT: Thermo King - Louisville, GA	
CLIENT: Ingersoll Rand	PROJ. NO. 6122090322
DRILLING CONTRACTOR: Cascade - Florida	DATE START: 9/19/18
TOP OF RISER ELEVATION: NA	DATE FINISH: 9/19/18
GROUND ELEVATION: ft 324.93 DATUM: Georgia State Plane (west zone)	DRILLER: Dylan Jones
DRILLING METHOD: Geoprobe 7822DT Direct Push Technology (DPT) Rig	FIELD REP: A Shoredits
SAMPLING METHOD: 5-foot long Macro-Core® Core Barrel	
CORING METHOD: DPT	

DEPTH FT.	SAMPLE ID.	SAMPLE RECOVERY	PID READING (PPM)	ANALYTICAL SAMPLE	SYMBOL	IDENTIFICATION & REMARKS	
1	0-5'	4.0/5.0	5.4	**0-2 ft**	Lab	0-0.2 ft bgs: Concrete 0.2-5.0 ft bgs: Gray and red very dense clayey silty SAND, dry	Bentonite
2							
3			6.1	**3-5 ft**	Lab		
4							
5							
6	5-10'	2.5/3.2	0.4	5-7.5 ft		5-7.5 ft bgs: Red dense clayey silty SAND, dry 7.5-10.0 ft bgs: Red dense clayey silty SAND, dry	
7							
8		2.5/3.9	8.3	7.5-10 ft			
9				**8-10 ft**	Lab		
10							
11	10-15'	2.5/2.9	1.1	10-12.5 ft		10.0-15.0 ft bgs: Red dense clayey silty SAND, dry	
12							
13		2.5/2.8'	8.6				
14				**13-15 ft**	Lab		
15							
16						Boring Terminated at 15.0 ft bgs	End of Boring
						Lab = soil sample analyzed in laboratory	

prepared by: AS 9/18/18
checked by: RNQ 12/7/18

Wood Environment & Infrastructure Solutions, Inc.

Wood.	BORING LOG	SB-308 (BORING ID.)

PROJECT: Thermo King - Louisville, GA	
CLIENT: Ingersoll Rand	PROJ. NO. 6122090322
DRILLING CONTRACTOR: Cascade - Florida	DATE START: 9/19/18
TOP OF RISER ELEVATION: NA	DATE FINISH: 9/19/18
GROUND ELEVATION: ft 324.93 DATUM: Georgia State Plane (west zone)	DRILLER: Dylan Jones
DRILLING METHOD: Geoprobe 7822DT Direct Push Technology (DPT) Rig	FIELD REP: A Shoredits
SAMPLING METHOD: 5-foot long Macro-Core® Core Barrel	
CORING METHOD: DPT	

DEPTH FT.	SAMPLE ID.	SAMPLE RECOVERY	PID READING (PPM)	ANALYTICAL SAMPLE	SYMBOL	IDENTIFICATION & REMARKS	
1	0-5'	5.0/5.0	5.8	**0-2 ft**	Lab	0-0.2 ft bgs: Concrete 0.2-5.0 ft bgs: Gray and red dense clayey silty SAND, dry	Bentonite
2							
3			7.5	**3-5 ft**	Lab		
4							
5							
6	5-10'	2.5/3.0	1.4	5-7.5 ft		5-7.5 ft bgs: Red dense clayey silty SAND, dry 7.5-10.0 ft bgs: Red very dense clayey silty SAND, dry	
7							
8		2.5/4.2	12.2	7.5-10 ft			
9				**8-10 ft**	Lab		
10							
11	10-15'	2.5/2.8	1.4	10-12.5 ft		10.0-12.5 ft bgs: Red dense clayey silty SAND, dry 12.5-15.0 ft bgs: Red/orange medium dense clayey silty SAND, dry	
12							
13		2.5/3.3'	12.7	**13-15 ft**	Lab		
14							
15							
16						Boring Terminated at 15.0 ft bgs	End of Boring
						Lab = soil sample analyzed in laboratory	

prepared by: AS 9/18/18
checked by: RNQ 12/7/18

Wood Environment & Infrastructure Solutions, Inc.

Wood.	BORING LOG	SB-309 (BORING ID.)

PROJECT: Thermo King - Louisville, GA
CLIENT: Ingersoll Rand — PROJ. NO. 6122090322
DRILLING CONTRACTOR: Cascade - Florida — DATE START: 9/20/18
TOP OF RISER ELEVATION: NA — DATE FINISH: 9/20/18
GROUND ELEVATION: ft 325.00 DATUM: Georgia State Plane (west zone) — DRILLER: Dylan Jones
DRILLING METHOD: Geoprobe 7822DT Direct Push Technology (DPT) Rig — FIELD REP: A Shoredits
SAMPLING METHOD: 5-foot long Macro-Core® Core Barrel
CORING METHOD: DPT

DEPTH FT.	SAMPLE ID.	SAMPLE RECOVERY	PID READING (PPM)	ANALYTICAL SAMPLE	SYMBOL	IDENTIFICATION & REMARKS	
1	0-5'	4.4/5.0	2.6	**0-2 ft**	Lab	0-0.2 ft bgs: Concrete 0.2-5.0 ft bgs: Gray and red very dense clayey silty SAND, dry	Bentonite
2							
3			3.5	**3-5 ft**	Lab		
4							
5							
6	5-10'	2.5/3.3	5.9	5-7.5 ft		5-7.5 ft bgs: Red dense clayey silty SAND, dry 7.5-10.0 ft bgs: Red very dense clayey silty SAND, dry	
7							
8		2.5/3.7	5.8	**8-10 ft**	Lab		
9							
10							
11	10-15'	2.5/3.3	2.2	10-12.5 ft		10.0-12.5 ft bgs: Red dense clayey silty SAND, dry 12.5-15.0 ft bgs: Red dense clayey silty SAND, dry	
12							
13		2.5/3.6					
14			6.5	**13-15 ft**	Lab		
15							
16						Boring Terminated at 15.0 ft bgs	End of Boring

Lab = soil sample analyzed in laboratory

prepared by: AS 9/18/18
checked by: RNQ 12/7/18

Wood Environment & Infrastructure Solutions, Inc.

Wood.	BORING LOG	SB-310 (BORING ID.)

PROJECT: Thermo King - Louisville, GA

CLIENT: Ingersoll Rand — PROJ. NO. 6122090322

DRILLING CONTRACTOR: Cascade - Florida — DATE START: 9/20/18

TOP OF RISER ELEVATION: NA — DATE FINISH: 9/20/18

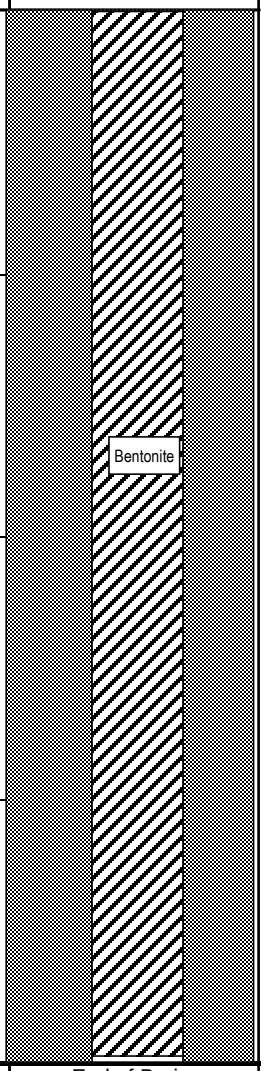
GROUND ELEVATION: ft 322.65 DATUM: Georgia State Plane (west zone) — DRILLER: Dylan Jones

DRILLING METHOD: Geoprobe 7822DT Direct Push Technology (DPT) Rig — FIELD REP: A Shoredits

SAMPLING METHOD: 5-foot long Macro-Core® Core Barrel

CORING METHOD: DPT

DEPTH FT.	SAMPLE ID.	SAMPLE RECOVERY	PID READING (PPM)	ANALYTICAL SAMPLE	SYMBOL	IDENTIFICATION & REMARKS
1 2 3 4 5	0-5'	3.8/5.0	3.6 3.3	0-2.5 ft 2.5-5 ft		0-0.2 ft bgs: Tan soft loose silty SAND with grass and roots, dry 0.2-0.9 ft bgs: Brown dense clayey silty SAND 0.9-2.3 ft bgs: Brown loose fine SAND, dry 2.3-5.0 ft bgs: Red dense clayey silty SAND, dry
6 7 8 9 10	5-10'	5.0/5.0	5.2 7.0	5-7.5 ft 7.5-10 ft		5.0-10.0 ft bgs: Red very dense clayey silty SAND, dry
11 12 13 14 15	10-15'	5.0/5.0	6.6 6.2	10-12.5 ft 12.5-15 ft		10.0-15.0 ft bgs: Red dense clayey silty SAND, dry
16 17 18 19 20	15-20'	5.0/5.0	7.7 6.8	15-17.5 ft **18-19 ft**	 Lab	15.0-20.0 ft bgs: Red dense clayey silty SAND, dry
21						Boring Terminated at 20.0 ft bgs
						Lab = soil sample analyzed in laboratory



End of Boring

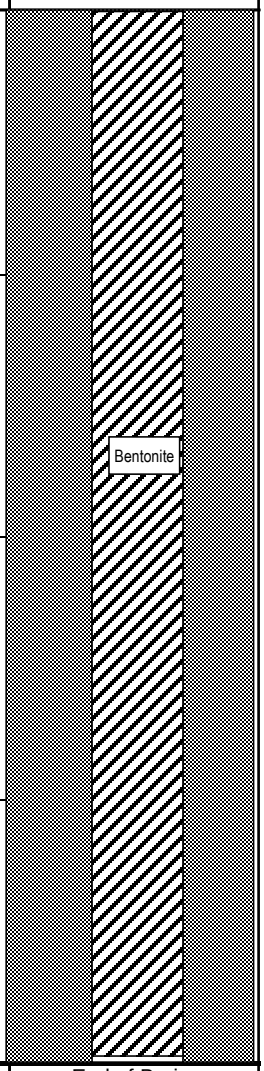
prepared by: AS 9/18/18
checked by: RNQ 12/10/18

Wood Environment & Infrastructure Solutions, Inc.

Wood.	BORING LOG	SB-311 (BORING ID.)

PROJECT: Thermo King - Louisville, GA	
CLIENT: Ingersoll Rand	PROJ. NO. 6122090322
DRILLING CONTRACTOR: Cascade - Florida	DATE START: 9/20/18
TOP OF RISER ELEVATION: NA	DATE FINISH: 9/20/18
GROUND ELEVATION: ft 322.65 DATUM: Georgia State Plane (west zone)	DRILLER: Dylan Jones
DRILLING METHOD: Geoprobe 7822DT Direct Push Technology (DPT) Rig	FIELD REP: A Shoredits
SAMPLING METHOD: 5-foot long Macro-Core® Core Barrel	
CORING METHOD: DPT	

DEPTH FT.	SAMPLE ID.	SAMPLE RECOVERY	PID READING (PPM)	ANALYTICAL SAMPLE	SYMBOL	IDENTIFICATION & REMARKS
1 2 3 4 5	0-5'	4.1/5.0	5.8 4.9	0-2.5 ft 2.5-5 ft		0-0.2 ft bgs: Tan soft loose silty SAND with grass and roots, dry 0.2-1.0 ft bgs: Red and Brown dense clayey silty SAND 1.0-2.1 ft bgs: Red and brown poorly graded fine SAND 2.1-2.9 ft bgs: Red and brown loose clayey silty SAND 2.9-5.0 ft bgs: Red and brown dense clayey silty SAND, dry
6 7 8 9 10	5-10'	5.0/5.2	6.3 6.0	5-7.5 ft 7.5-10 ft		5.0-10.0 ft bgs: Red very dense clayey silty SAND, dry
11 12 13 14 15	10-15'	5.0/5.2	7.2 7.5	10-12.5 ft 12.5-15 ft		10.0-15.0 ft bgs: Red dense clayey silty SAND, dry
16 17 18 19 20	15-20'	2.3/5.0	5.8	15-17.5 ft **18-19 ft**	Lab	15.0-20.0 ft bgs: Red dense clayey silty SAND, dry
21						Boring Terminated at 20.0 ft bgs
						Lab = soil sample analyzed in laboratory



End of Boring

prepared by: AS 9/18/18
checked by: RNQ 12/10/18

Wood Environment & Infrastructure Solutions, Inc.

APPENDIX C

LABORATORY REPORTS FOR SOIL INVESTIGATION

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-101492-1
Client Project/Site: Louisville, Ga - Thermo King

For:
Wood E&I Solutions Inc
1075 Big Shanty Road, NW
Suite 100
Kennesaw, Georgia 30144

Attn: Ms. Rhonda Quinn

Patrick O'Meara

Authorized for release by:
9/28/2018 3:46:08 PM

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.omeara@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
X	Surrogate is outside control limits

Glossary

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

Job ID: 240-101492-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Wood E&I Solutions Inc

Project: Louisville, Ga - Thermo King

Report Number: 240-101492-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

The Volatile Organic Compounds (GCMS SIM) analysis was performed at the TestAmerica Pensacola laboratory.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 9/19/2018 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 5 coolers at receipt time were 1.5º C, 2.1º C, 2.9º C, 4.1º C and 4.3º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples SB-300-0-2-0918 (240-101492-1), SB-300-3-5-0918 (240-101492-2), SB-300-8-10-0918 (240-101492-3), SB-300-13-15-0918 (240-101492-4), SB-303-0-2-15-0918 (240-101492-5), SB-303-3-5-0918 (240-101492-6), SB-303-8-10-0918 (240-101492-7), SB-303-13-15-0918 (240-101492-8), SB-304-0-2-0918 (240-101492-9), SB-304-3-5-0918 (240-101492-10), SB-304-8-10-0918 (240-101492-11), SB-304-13-15-0918 (240-101492-12), SB-305-0-2-0918 (240-101492-13), SB-305-3-5-0918 (240-101492-14), SB-305-8-10-0918 (240-101492-15), SB-305-13-15-0918 (240-101492-16), SB-306-0-2-0918 (240-101492-17), SB-306-3-5-0918 (240-101492-18), SB-306-8-10-0918 (240-101492-19) and SB-306-13-15-0918 (240-101492-20) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 09/19/2018 and analyzed on 09/20/2018 and 09/21/2018.

1,2-Dichloroethane-d4 (Surr), 4-Bromofluorobenzene (Surr), Dibromofluoromethane (Surr) and Toluene-d8 (Surr) failed the surrogate recovery criteria high for SB-305-3-5-0918 (240-101492-14). There was insufficient sample to perform a re-extraction; therefore, the data

Job ID: 240-101492-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

have been reported.

The laboratory control sample (LCS) for preparation batch 240-346225 and analytical batch 240-346551 recovered outside acceptance limits for 4-Isopropyltoluene. There was insufficient sample to perform a re-extraction or re-analysis; therefore, the data have been reported.

The following samples were analyzed using methanol preserved terra cores that were received with low methanol volumes: SB-304-13-15-0918 (240-101492-12) and SB-305-3-5-0918 (240-101492-14)

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD associated with analytical batches 240-346225 and 240-346549.

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

VOLATILE ORGANIC COMPOUNDS (GCMS SIM)

Samples SB-300-0-2-0918 (240-101492-1), SB-300-3-5-0918 (240-101492-2), SB-300-8-10-0918 (240-101492-3), SB-300-13-15-0918 (240-101492-4), SB-303-0-2-15-0918 (240-101492-5), SB-303-3-5-0918 (240-101492-6), SB-303-8-10-0918 (240-101492-7), SB-303-13-15-0918 (240-101492-8), SB-304-0-2-0918 (240-101492-9), SB-304-3-5-0918 (240-101492-10), SB-304-8-10-0918 (240-101492-11), SB-304-13-15-0918 (240-101492-12), SB-305-0-2-0918 (240-101492-13), SB-305-3-5-0918 (240-101492-14), SB-305-8-10-0918 (240-101492-15), SB-305-13-15-0918 (240-101492-16), SB-306-0-2-0918 (240-101492-17), SB-306-3-5-0918 (240-101492-18), SB-306-8-10-0918 (240-101492-19) and SB-306-13-15-0918 (240-101492-20) were analyzed for volatile organic compounds (GCMS SIM) in accordance with EPA SW-846 Method 8260B SIM. The samples were prepared on 09/24/2018 and analyzed on 09/24/2018 and 09/25/2018.

Sample SB-304-13-15-0918 (240-101492-12)[50X] required dilution prior to analysis. Thesample was analyzed from the methanol vial since the two DI water vials were received broken. The reporting limits have been adjusted accordingly.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 400-412657.

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

PERCENT SOLIDS

Samples SB-300-0-2-0918 (240-101492-1), SB-300-3-5-0918 (240-101492-2), SB-300-8-10-0918 (240-101492-3), SB-300-13-15-0918 (240-101492-4), SB-303-0-2-15-0918 (240-101492-5), SB-303-3-5-0918 (240-101492-6), SB-303-8-10-0918 (240-101492-7), SB-303-13-15-0918 (240-101492-8), SB-304-0-2-0918 (240-101492-9), SB-304-3-5-0918 (240-101492-10), SB-304-8-10-0918 (240-101492-11), SB-304-13-15-0918 (240-101492-12), SB-305-0-2-0918 (240-101492-13), SB-305-3-5-0918 (240-101492-14), SB-305-8-10-0918 (240-101492-15), SB-305-13-15-0918 (240-101492-16), SB-306-0-2-0918 (240-101492-17), SB-306-3-5-0918 (240-101492-18), SB-306-8-10-0918 (240-101492-19) and SB-306-13-15-0918 (240-101492-20) were analyzed for percent solids in accordance with ASTM Method D2216-80. The samples were analyzed on 09/24/2018.

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

Method Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8260B SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
Moisture	Percent Moisture	EPA	TAL CAN
5035	Closed System Purge and Trap	SW846	TAL CAN
5035	Closed System Purge and Trap	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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

Sample Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-101492-1	SB-300-0-2-0918	Solid	09/18/18 15:40	09/19/18 09:20
240-101492-2	SB-300-3-5-0918	Solid	09/18/18 15:50	09/19/18 09:20
240-101492-3	SB-300-8-10-0918	Solid	09/18/18 15:55	09/19/18 09:20
240-101492-4	SB-300-13-15-0918	Solid	09/18/18 15:45	09/19/18 09:20
240-101492-5	SB-303-0-2-15-0918	Solid	09/18/18 11:45	09/19/18 09:20
240-101492-6	SB-303-3-5-0918	Solid	09/18/18 11:55	09/19/18 09:20
240-101492-7	SB-303-8-10-0918	Solid	09/18/18 12:05	09/19/18 09:20
240-101492-8	SB-303-13-15-0918	Solid	09/18/18 13:25	09/19/18 09:20
240-101492-9	SB-304-0-2-0918	Solid	09/18/18 10:35	09/19/18 09:20
240-101492-10	SB-304-3-5-0918	Solid	09/18/18 10:40	09/19/18 09:20
240-101492-11	SB-304-8-10-0918	Solid	09/18/18 10:55	09/19/18 09:20
240-101492-12	SB-304-13-15-0918	Solid	09/18/18 11:05	09/19/18 09:20
240-101492-13	SB-305-0-2-0918	Solid	09/18/18 09:10	09/19/18 09:20
240-101492-14	SB-305-3-5-0918	Solid	09/18/18 09:20	09/19/18 09:20
240-101492-15	SB-305-8-10-0918	Solid	09/18/18 09:30	09/19/18 09:20
240-101492-16	SB-305-13-15-0918	Solid	09/18/18 09:40	09/19/18 09:20
240-101492-17	SB-306-0-2-0918	Solid	09/18/18 14:00	09/19/18 09:20
240-101492-18	SB-306-3-5-0918	Solid	09/18/18 14:20	09/19/18 09:20
240-101492-19	SB-306-8-10-0918	Solid	09/18/18 14:45	09/19/18 09:20
240-101492-20	SB-306-13-15-0918	Solid	09/18/18 14:40	09/19/18 09:20

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-300-0-2-0918

Date Collected: 09/18/18 15:40
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-1

Matrix: Solid
Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.0		1.0		ug/Kg	☼	09/24/18 15:00	09/24/18 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*123*		*50 - 150*	*09/24/18 15:00*	*09/24/18 18:12*	*1*
4-Bromofluorobenzene	*91*		*50 - 150*	*09/24/18 15:00*	*09/24/18 18:12*	*1*
Toluene-d8 (Surr)	*78*		*50 - 150*	*09/24/18 15:00*	*09/24/18 18:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,1-Dichloropropene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,2,3-Trichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,2,3-Trichloropropane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,2,4-Trichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,2-Dibromoethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,3,5-Trimethylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,3-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
1,4-Dioxane	<40		40		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
2,2-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
2-Chlorotoluene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
4-Chlorotoluene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Benzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Bromobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Bromochloromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Bromodichloromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Bromoform	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Bromomethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Carbon tetrachloride	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Chlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Chlorodibromomethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Chloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Chloroform	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Chloromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
cis-1,2-Dichloroethene	**10**		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Dibromomethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Dichlorodifluoromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Ethylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Hexachlorobutadiene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-300-0-2-0918

Date Collected: 09/18/18 15:40
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-1

Matrix: Solid
Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Methylene Chloride	<25		25		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Naphthalene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
n-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
N-Propylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
p-Isopropyltoluene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
sec-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Styrene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
tert-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Tetrachloroethene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Toluene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Trichloroethene	**14**		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Trichlorofluoromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Vinyl chloride	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1
Xylenes, Total	<10		10		ug/Kg	☼	09/19/18 22:14	09/20/18 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*48 - 123*	*09/19/18 22:14*	*09/20/18 20:10*	*1*
4-Bromofluorobenzene (Surr)	*90*		*49 - 141*	*09/19/18 22:14*	*09/20/18 20:10*	*1*
Dibromofluoromethane (Surr)	*88*		*49 - 132*	*09/19/18 22:14*	*09/20/18 20:10*	*1*
Toluene-d8 (Surr)	*90*		*62 - 135*	*09/19/18 22:14*	*09/20/18 20:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.1**		0.1		%			09/24/18 16:51	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-300-3-5-0918

Date Collected: 09/18/18 15:50
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-2

Matrix: Solid
Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.9**		0.90		ug/Kg	☼	09/24/18 15:00	09/24/18 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*126*		*50 - 150*	*09/24/18 15:00*	*09/24/18 18:37*	*1*
4-Bromofluorobenzene	*86*		*50 - 150*	*09/24/18 15:00*	*09/24/18 18:37*	*1*
Toluene-d8 (Surr)	*78*		*50 - 150*	*09/24/18 15:00*	*09/24/18 18:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,1,1-Trichloroethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,1,2,2-Tetrachloroethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,1,2-Trichloroethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,1-Dichloroethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,1-Dichloroethene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,1-Dichloropropene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,2,3-Trichlorobenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,2,3-Trichloropropane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,2,4-Trichlorobenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,2,4-Trimethylbenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,2-Dibromo-3-Chloropropane	<9.3		9.3		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,2-Dibromoethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,2-Dichlorobenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,2-Dichloroethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,2-Dichloropropane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,3,5-Trimethylbenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,3-Dichlorobenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,3-Dichloropropane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,4-Dichlorobenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
1,4-Dioxane	<37		37		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
2,2-Dichloropropane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
2-Chlorotoluene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
4-Chlorotoluene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Benzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Bromobenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Bromochloromethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Bromodichloromethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Bromoform	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Bromomethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Carbon tetrachloride	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Chlorobenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Chlorodibromomethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Chloroethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Chloroform	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Chloromethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
cis-1,2-Dichloroethene	**9.5**		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Dibromomethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Dichlorodifluoromethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Ethylbenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Hexachlorobutadiene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-300-3-5-0918

Date Collected: 09/18/18 15:50
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-2

Matrix: Solid
Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Methylene Chloride	<23		23		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Naphthalene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
n-Butylbenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
N-Propylbenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
p-Isopropyltoluene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
sec-Butylbenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Styrene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
tert-Butylbenzene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Tetrachloroethene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Toluene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
trans-1,2-Dichloroethene	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Trichloroethene	**12**		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Trichlorofluoromethane	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Vinyl chloride	<4.7		4.7		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1
Xylenes, Total	<9.3		9.3		ug/Kg	☼	09/19/18 22:14	09/20/18 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*48 - 123*	*09/19/18 22:14*	*09/20/18 20:35*	*1*
4-Bromofluorobenzene (Surr)	*89*		*49 - 141*	*09/19/18 22:14*	*09/20/18 20:35*	*1*
Dibromofluoromethane (Surr)	*90*		*49 - 132*	*09/19/18 22:14*	*09/20/18 20:35*	*1*
Toluene-d8 (Surr)	*90*		*62 - 135*	*09/19/18 22:14*	*09/20/18 20:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87.2**		0.1		%			09/24/18 16:51	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-300-8-10-0918

Date Collected: 09/18/18 15:55
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-3

Matrix: Solid
Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.4**		0.84		ug/Kg	☼	09/24/18 15:00	09/24/18 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*126*		*50 - 150*	*09/24/18 15:00*	*09/24/18 19:03*	*1*
4-Bromofluorobenzene	*87*		*50 - 150*	*09/24/18 15:00*	*09/24/18 19:03*	*1*
Toluene-d8 (Surr)	*78*		*50 - 150*	*09/24/18 15:00*	*09/24/18 19:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,1-Dichloropropene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,2,3-Trichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,2,3-Trichloropropane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,2,4-Trichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,2-Dibromoethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,3,5-Trimethylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,3-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
1,4-Dioxane	<40		40		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
2,2-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
2-Chlorotoluene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
4-Chlorotoluene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Benzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Bromobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Bromochloromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Bromodichloromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Bromoform	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Bromomethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Carbon tetrachloride	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Chlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Chlorodibromomethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Chloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Chloroform	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Chloromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
cis-1,2-Dichloroethene	**8.2**		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Dibromomethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Dichlorodifluoromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Ethylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Hexachlorobutadiene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-300-8-10-0918

Date Collected: 09/18/18 15:55
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-3

Matrix: Solid
Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Methylene Chloride	<25		25		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Naphthalene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
n-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
N-Propylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
p-Isopropyltoluene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
sec-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Styrene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
tert-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Tetrachloroethene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Toluene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Trichloroethene	**10**		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Trichlorofluoromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Vinyl chloride	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1
Xylenes, Total	<10		10		ug/Kg	☼	09/19/18 22:14	09/21/18 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*48 - 123*	*09/19/18 22:14*	*09/21/18 14:02*	*1*
4-Bromofluorobenzene (Surr)	*90*		*49 - 141*	*09/19/18 22:14*	*09/21/18 14:02*	*1*
Dibromofluoromethane (Surr)	*90*		*49 - 132*	*09/19/18 22:14*	*09/21/18 14:02*	*1*
Toluene-d8 (Surr)	*91*		*62 - 135*	*09/19/18 22:14*	*09/21/18 14:02*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87.2**		0.1		%			09/24/18 16:51	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-300-13-15-0918

Date Collected: 09/18/18 15:45
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-4

Matrix: Solid
Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.0		1.0		ug/Kg	☼	09/24/18 15:00	09/24/18 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*126*		*50 - 150*	*09/24/18 15:00*	*09/24/18 19:28*	*1*
4-Bromofluorobenzene	*88*		*50 - 150*	*09/24/18 15:00*	*09/24/18 19:28*	*1*
Toluene-d8 (Surr)	*78*		*50 - 150*	*09/24/18 15:00*	*09/24/18 19:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,1,1-Trichloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,1,2,2-Tetrachloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,1,2-Trichloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,1-Dichloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,1-Dichloroethene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,1-Dichloropropene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,2,3-Trichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,2,3-Trichloropropane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,2,4-Trichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,2,4-Trimethylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,2-Dibromoethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,2-Dichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,2-Dichloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,2-Dichloropropane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,3,5-Trimethylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,3-Dichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,3-Dichloropropane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,4-Dichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
1,4-Dioxane	<41		41		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
2,2-Dichloropropane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
2-Chlorotoluene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
4-Chlorotoluene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Benzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Bromobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Bromochloromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Bromodichloromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Bromoform	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Bromomethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Carbon tetrachloride	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Chlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Chlorodibromomethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Chloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Chloroform	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Chloromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
cis-1,2-Dichloroethene	**8.9**		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Dibromomethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Dichlorodifluoromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Ethylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Hexachlorobutadiene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-300-13-15-0918

Date Collected: 09/18/18 15:45
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-4

Matrix: Solid
Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Methylene Chloride	<25		25		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Naphthalene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
n-Butylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
N-Propylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
p-Isopropyltoluene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
sec-Butylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Styrene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
tert-Butylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Tetrachloroethene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Toluene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
trans-1,2-Dichloroethene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Trichloroethene	**12**		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Trichlorofluoromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Vinyl chloride	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1
Xylenes, Total	<10		10		ug/Kg	☼	09/19/18 22:14	09/21/18 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*48 - 123*	*09/19/18 22:14*	*09/21/18 14:28*	*1*
4-Bromofluorobenzene (Surr)	*89*		*49 - 141*	*09/19/18 22:14*	*09/21/18 14:28*	*1*
Dibromofluoromethane (Surr)	*90*		*49 - 132*	*09/19/18 22:14*	*09/21/18 14:28*	*1*
Toluene-d8 (Surr)	*92*		*62 - 135*	*09/19/18 22:14*	*09/21/18 14:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87.6**		0.1		%			09/24/18 16:51	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-303-0-2-15-0918

Date Collected: 09/18/18 11:45
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-5

Matrix: Solid
Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.0		1.0		ug/Kg	☼	09/24/18 15:00	09/24/18 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*126*		*50 - 150*	*09/24/18 15:00*	*09/24/18 19:53*	*1*
4-Bromofluorobenzene	*88*		*50 - 150*	*09/24/18 15:00*	*09/24/18 19:53*	*1*
Toluene-d8 (Surr)	*78*		*50 - 150*	*09/24/18 15:00*	*09/24/18 19:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,1,1-Trichloroethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,1,2,2-Tetrachloroethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,1,2-Trichloroethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,1-Dichloroethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,1-Dichloroethene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,1-Dichloropropene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,2,3-Trichlorobenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,2,3-Trichloropropane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,2,4-Trichlorobenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,2,4-Trimethylbenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,2-Dibromo-3-Chloropropane	<9.6		9.6		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,2-Dibromoethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,2-Dichlorobenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,2-Dichloroethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,2-Dichloropropane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,3,5-Trimethylbenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,3-Dichlorobenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,3-Dichloropropane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,4-Dichlorobenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
1,4-Dioxane	<39		39		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
2,2-Dichloropropane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
2-Chlorotoluene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
4-Chlorotoluene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Benzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Bromobenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Bromochloromethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Bromodichloromethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Bromoform	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Bromomethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Carbon tetrachloride	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Chlorobenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Chlorodibromomethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Chloroethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Chloroform	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Chloromethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
cis-1,2-Dichloroethene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Dibromomethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Dichlorodifluoromethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Ethylbenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Hexachlorobutadiene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-303-0-2-15-0918

Date Collected: 09/18/18 11:45
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-5

Matrix: Solid
Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Methylene Chloride	<24		24		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Naphthalene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
n-Butylbenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
N-Propylbenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
p-Isopropyltoluene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
sec-Butylbenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Styrene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
tert-Butylbenzene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Tetrachloroethene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Toluene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
trans-1,2-Dichloroethene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Trichloroethene	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Trichlorofluoromethane	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Vinyl chloride	<4.8		4.8		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1
Xylenes, Total	<9.6		9.6		ug/Kg	☼	09/19/18 22:14	09/21/18 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*48 - 123*	*09/19/18 22:14*	*09/21/18 14:53*	*1*
4-Bromofluorobenzene (Surr)	*88*		*49 - 141*	*09/19/18 22:14*	*09/21/18 14:53*	*1*
Dibromofluoromethane (Surr)	*92*		*49 - 132*	*09/19/18 22:14*	*09/21/18 14:53*	*1*
Toluene-d8 (Surr)	*91*		*62 - 135*	*09/19/18 22:14*	*09/21/18 14:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87.2**		0.1		%			09/24/18 16:51	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-303-3-5-0918

Date Collected: 09/18/18 11:55
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-6

Matrix: Solid
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.1		1.1		ug/Kg	☼	09/24/18 15:00	09/24/18 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*124*		*50 - 150*	*09/24/18 15:00*	*09/24/18 20:18*	*1*
4-Bromofluorobenzene	*89*		*50 - 150*	*09/24/18 15:00*	*09/24/18 20:18*	*1*
Toluene-d8 (Surr)	*81*		*50 - 150*	*09/24/18 15:00*	*09/24/18 20:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,1,1-Trichloroethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,1,2,2-Tetrachloroethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,1,2-Trichloroethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,1-Dichloroethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,1-Dichloroethene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,1-Dichloropropene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,2,3-Trichlorobenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,2,3-Trichloropropane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,2,4-Trichlorobenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,2,4-Trimethylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,2-Dibromo-3-Chloropropane	<11		11		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,2-Dibromoethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,2-Dichlorobenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,2-Dichloroethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,2-Dichloropropane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,3,5-Trimethylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,3-Dichlorobenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,3-Dichloropropane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,4-Dichlorobenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
1,4-Dioxane	<43		43		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
2,2-Dichloropropane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
2-Chlorotoluene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
4-Chlorotoluene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Benzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Bromobenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Bromochloromethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Bromodichloromethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Bromoform	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Bromomethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Carbon tetrachloride	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Chlorobenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Chlorodibromomethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Chloroethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Chloroform	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Chloromethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
cis-1,2-Dichloroethene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Dibromomethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Dichlorodifluoromethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Ethylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Hexachlorobutadiene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-303-3-5-0918

Date Collected: 09/18/18 11:55
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-6

Matrix: Solid
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Methylene Chloride	<27		27		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Naphthalene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
n-Butylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
N-Propylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
p-Isopropyltoluene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
sec-Butylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Styrene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
tert-Butylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Tetrachloroethene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Toluene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
trans-1,2-Dichloroethene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Trichloroethene	**24**		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Trichlorofluoromethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Vinyl chloride	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1
Xylenes, Total	<11		11		ug/Kg	☼	09/19/18 22:14	09/21/18 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*48 - 123*	*09/19/18 22:14*	*09/21/18 19:10*	*1*
4-Bromofluorobenzene (Surr)	*91*		*49 - 141*	*09/19/18 22:14*	*09/21/18 19:10*	*1*
Dibromofluoromethane (Surr)	*93*		*49 - 132*	*09/19/18 22:14*	*09/21/18 19:10*	*1*
Toluene-d8 (Surr)	*89*		*62 - 135*	*09/19/18 22:14*	*09/21/18 19:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87.1**		0.1		%			09/24/18 16:51	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-303-8-10-0918

Date Collected: 09/18/18 12:05
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-7

Matrix: Solid
Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.1		1.1		ug/Kg	☼	09/24/18 15:00	09/24/18 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*128*		*50 - 150*	*09/24/18 15:00*	*09/24/18 20:43*	*1*
4-Bromofluorobenzene	*90*		*50 - 150*	*09/24/18 15:00*	*09/24/18 20:43*	*1*
Toluene-d8 (Surr)	*79*		*50 - 150*	*09/24/18 15:00*	*09/24/18 20:43*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,1,1-Trichloroethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,1,2,2-Tetrachloroethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,1,2-Trichloroethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,1-Dichloroethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,1-Dichloroethene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,1-Dichloropropene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,2,3-Trichlorobenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,2,3-Trichloropropane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,2,4-Trichlorobenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,2,4-Trimethylbenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,2-Dibromoethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,2-Dichlorobenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,2-Dichloroethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,2-Dichloropropane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,3,5-Trimethylbenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,3-Dichlorobenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,3-Dichloropropane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,4-Dichlorobenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
1,4-Dioxane	<42		42		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
2,2-Dichloropropane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
2-Chlorotoluene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
4-Chlorotoluene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Benzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Bromobenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Bromochloromethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Bromodichloromethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Bromoform	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Bromomethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Carbon tetrachloride	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Chlorobenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Chlorodibromomethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Chloroethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Chloroform	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Chloromethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
cis-1,2-Dichloroethene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Dibromomethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Dichlorodifluoromethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Ethylbenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Hexachlorobutadiene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-303-8-10-0918

Date Collected: 09/18/18 12:05
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-7

Matrix: Solid
Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Methylene Chloride	<26		26		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Naphthalene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
n-Butylbenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
N-Propylbenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
p-Isopropyltoluene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
sec-Butylbenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Styrene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
tert-Butylbenzene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Tetrachloroethene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Toluene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
trans-1,2-Dichloroethene	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Trichloroethene	**37**		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Trichlorofluoromethane	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Vinyl chloride	<5.2		5.2		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1
Xylenes, Total	<10		10		ug/Kg	☼	09/19/18 22:14	09/21/18 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*48 - 123*	*09/19/18 22:14*	*09/21/18 15:19*	*1*
4-Bromofluorobenzene (Surr)	*90*		*49 - 141*	*09/19/18 22:14*	*09/21/18 15:19*	*1*
Dibromofluoromethane (Surr)	*92*		*49 - 132*	*09/19/18 22:14*	*09/21/18 15:19*	*1*
Toluene-d8 (Surr)	*88*		*62 - 135*	*09/19/18 22:14*	*09/21/18 15:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.7**		0.1		%			09/24/18 16:51	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-303-13-15-0918

Date Collected: 09/18/18 13:25
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-8

Matrix: Solid
Percent Solids: 86.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.94		0.94		ug/Kg	☼	09/24/18 15:00	09/24/18 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*128*		*50 - 150*	*09/24/18 15:00*	*09/24/18 21:08*	*1*
4-Bromofluorobenzene	*87*		*50 - 150*	*09/24/18 15:00*	*09/24/18 21:08*	*1*
Toluene-d8 (Surr)	*78*		*50 - 150*	*09/24/18 15:00*	*09/24/18 21:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,1,1-Trichloroethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,1,2,2-Tetrachloroethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,1,2-Trichloroethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,1-Dichloroethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,1-Dichloroethene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,1-Dichloropropene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,2,3-Trichlorobenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,2,3-Trichloropropane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,2,4-Trichlorobenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,2,4-Trimethylbenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,2-Dibromo-3-Chloropropane	<540		540		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,2-Dibromoethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,2-Dichlorobenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,2-Dichloroethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,2-Dichloropropane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,3,5-Trimethylbenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,3-Dichlorobenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,3-Dichloropropane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,4-Dichlorobenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
1,4-Dioxane	<2200		2200		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
2,2-Dichloropropane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
2-Chlorotoluene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
4-Chlorotoluene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Benzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Bromobenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Bromochloromethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Bromodichloromethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Bromoform	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Bromomethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Carbon tetrachloride	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Chlorobenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Chlorodibromomethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Chloroethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Chloroform	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Chloromethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
cis-1,2-Dichloroethene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Dibromomethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Dichlorodifluoromethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Ethylbenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Hexachlorobutadiene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-303-13-15-0918

Date Collected: 09/18/18 13:25
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-8

Matrix: Solid
Percent Solids: 86.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Methylene Chloride	<540		540		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Naphthalene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
n-Butylbenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
N-Propylbenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
p-Isopropyltoluene	<270	*	270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
sec-Butylbenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Styrene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
tert-Butylbenzene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Tetrachloroethene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Toluene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
trans-1,2-Dichloroethene	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Trichloroethene	**300**		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Trichlorofluoromethane	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Vinyl chloride	<270		270		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1
Xylenes, Total	<540		540		ug/Kg	☼	09/19/18 22:25	09/21/18 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*53 - 155*	*09/19/18 22:25*	*09/21/18 15:53*	*1*
4-Bromofluorobenzene (Surr)	*107*		*48 - 151*	*09/19/18 22:25*	*09/21/18 15:53*	*1*
Dibromofluoromethane (Surr)	*96*		*49 - 138*	*09/19/18 22:25*	*09/21/18 15:53*	*1*
Toluene-d8 (Surr)	*95*		*49 - 147*	*09/19/18 22:25*	*09/21/18 15:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.8**		0.1		%			09/24/18 16:51	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-304-0-2-0918

Date Collected: 09/18/18 10:35
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-9

Matrix: Solid
Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.1		1.1		ug/Kg	☼	09/24/18 15:00	09/24/18 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*127*		*50 - 150*	*09/24/18 15:00*	*09/24/18 21:34*	*1*
4-Bromofluorobenzene	*89*		*50 - 150*	*09/24/18 15:00*	*09/24/18 21:34*	*1*
Toluene-d8 (Surr)	*79*		*50 - 150*	*09/24/18 15:00*	*09/24/18 21:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,1,1-Trichloroethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,1,2,2-Tetrachloroethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,1,2-Trichloroethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,1-Dichloroethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,1-Dichloroethene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,1-Dichloropropene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,2,3-Trichlorobenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,2,3-Trichloropropane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,2,4-Trichlorobenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,2,4-Trimethylbenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,2-Dibromo-3-Chloropropane	<9.8		9.8		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,2-Dibromoethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,2-Dichlorobenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,2-Dichloroethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,2-Dichloropropane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,3,5-Trimethylbenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,3-Dichlorobenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,3-Dichloropropane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,4-Dichlorobenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
1,4-Dioxane	<39		39		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
2,2-Dichloropropane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
2-Chlorotoluene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
4-Chlorotoluene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Benzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Bromobenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Bromochloromethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Bromodichloromethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Bromoform	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Bromomethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Carbon tetrachloride	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Chlorobenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Chlorodibromomethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Chloroethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Chloroform	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Chloromethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
cis-1,2-Dichloroethene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Dibromomethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Dichlorodifluoromethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Ethylbenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Hexachlorobutadiene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-304-0-2-0918

Date Collected: 09/18/18 10:35
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-9

Matrix: Solid
Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Methylene Chloride	<25		25		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Naphthalene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
n-Butylbenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
N-Propylbenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
p-Isopropyltoluene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
sec-Butylbenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Styrene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
tert-Butylbenzene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Tetrachloroethene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Toluene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
trans-1,2-Dichloroethene	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Trichloroethene	**15**		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Trichlorofluoromethane	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Vinyl chloride	<4.9		4.9		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1
Xylenes, Total	<9.8		9.8		ug/Kg	☼	09/19/18 22:14	09/21/18 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*48 - 123*	*09/19/18 22:14*	*09/21/18 15:45*	*1*
4-Bromofluorobenzene (Surr)	*89*		*49 - 141*	*09/19/18 22:14*	*09/21/18 15:45*	*1*
Dibromofluoromethane (Surr)	*91*		*49 - 132*	*09/19/18 22:14*	*09/21/18 15:45*	*1*
Toluene-d8 (Surr)	*89*		*62 - 135*	*09/19/18 22:14*	*09/21/18 15:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85.9**		0.1		%			09/24/18 16:51	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-304-3-5-0918

Date Collected: 09/18/18 10:40
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-10

Matrix: Solid
Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.1		1.1		ug/Kg	☼	09/24/18 15:00	09/24/18 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*128*		*50 - 150*	*09/24/18 15:00*	*09/24/18 21:59*	*1*
4-Bromofluorobenzene	*90*		*50 - 150*	*09/24/18 15:00*	*09/24/18 21:59*	*1*
Toluene-d8 (Surr)	*80*		*50 - 150*	*09/24/18 15:00*	*09/24/18 21:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,1,1-Trichloroethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,1,2,2-Tetrachloroethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,1,2-Trichloroethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,1-Dichloroethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,1-Dichloroethene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,1-Dichloropropene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,2,3-Trichlorobenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,2,3-Trichloropropane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,2,4-Trichlorobenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,2,4-Trimethylbenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,2-Dibromo-3-Chloropropane	<14		14		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,2-Dibromoethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,2-Dichlorobenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,2-Dichloroethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,2-Dichloropropane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,3,5-Trimethylbenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,3-Dichlorobenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,3-Dichloropropane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,4-Dichlorobenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
1,4-Dioxane	<57		57		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
2,2-Dichloropropane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
2-Chlorotoluene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
4-Chlorotoluene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Benzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Bromobenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Bromochloromethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Bromodichloromethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Bromoform	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Bromomethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Carbon tetrachloride	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Chlorobenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Chlorodibromomethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Chloroethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Chloroform	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Chloromethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
cis-1,2-Dichloroethene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Dibromomethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Dichlorodifluoromethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Ethylbenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Hexachlorobutadiene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-304-3-5-0918

Date Collected: 09/18/18 10:40
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-10

Matrix: Solid
Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Methylene Chloride	<36		36		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Naphthalene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
n-Butylbenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
N-Propylbenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
p-Isopropyltoluene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
sec-Butylbenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Styrene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
tert-Butylbenzene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Tetrachloroethene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Toluene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
trans-1,2-Dichloroethene	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Trichloroethene	**16**		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Trichlorofluoromethane	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Vinyl chloride	<7.1		7.1		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1
Xylenes, Total	<14		14		ug/Kg	☼	09/19/18 22:14	09/21/18 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*48 - 123*	*09/19/18 22:14*	*09/21/18 16:10*	*1*
4-Bromofluorobenzene (Surr)	*88*		*49 - 141*	*09/19/18 22:14*	*09/21/18 16:10*	*1*
Dibromofluoromethane (Surr)	*89*		*49 - 132*	*09/19/18 22:14*	*09/21/18 16:10*	*1*
Toluene-d8 (Surr)	*91*		*62 - 135*	*09/19/18 22:14*	*09/21/18 16:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.4**		0.1		%			09/24/18 17:17	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-304-8-10-0918

Date Collected: 09/18/18 10:55
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-11

Matrix: Solid
Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.84		0.84		ug/Kg	☼	09/24/18 15:00	09/24/18 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*125*		*50 - 150*	*09/24/18 15:00*	*09/24/18 22:24*	*1*
4-Bromofluorobenzene	*86*		*50 - 150*	*09/24/18 15:00*	*09/24/18 22:24*	*1*
Toluene-d8 (Surr)	*80*		*50 - 150*	*09/24/18 15:00*	*09/24/18 22:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,1,1-Trichloroethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,1,2,2-Tetrachloroethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,1,2-Trichloroethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,1-Dichloroethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,1-Dichloroethene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,1-Dichloropropene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,2,3-Trichlorobenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,2,3-Trichloropropane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,2,4-Trichlorobenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,2,4-Trimethylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,2-Dibromo-3-Chloropropane	<600		600		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,2-Dibromoethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,2-Dichlorobenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,2-Dichloroethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,2-Dichloropropane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,3,5-Trimethylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,3-Dichlorobenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,3-Dichloropropane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,4-Dichlorobenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
1,4-Dioxane	<2400		2400		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
2,2-Dichloropropane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
2-Chlorotoluene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
4-Chlorotoluene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Benzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Bromobenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Bromochloromethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Bromodichloromethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Bromoform	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Bromomethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Carbon tetrachloride	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Chlorobenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Chlorodibromomethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Chloroethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Chloroform	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Chloromethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
cis-1,2-Dichloroethene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Dibromomethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Dichlorodifluoromethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Ethylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Hexachlorobutadiene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-304-8-10-0918

Date Collected: 09/18/18 10:55
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-11

Matrix: Solid
Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Methylene Chloride	<600		600		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Naphthalene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
n-Butylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
N-Propylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
p-Isopropyltoluene	<300	*	300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
sec-Butylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Styrene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
tert-Butylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Tetrachloroethene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Toluene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
trans-1,2-Dichloroethene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Trichloroethene	**390**		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Trichlorofluoromethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Vinyl chloride	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1
Xylenes, Total	<600		600		ug/Kg	☼	09/19/18 22:25	09/21/18 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*53 - 155*	*09/19/18 22:25*	*09/21/18 16:14*	*1*
4-Bromofluorobenzene (Surr)	*132*		*48 - 151*	*09/19/18 22:25*	*09/21/18 16:14*	*1*
Dibromofluoromethane (Surr)	*111*		*49 - 138*	*09/19/18 22:25*	*09/21/18 16:14*	*1*
Toluene-d8 (Surr)	*110*		*49 - 147*	*09/19/18 22:25*	*09/21/18 16:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85.7**		0.1		%			09/24/18 17:17	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-304-13-15-0918

Date Collected: 09/18/18 11:05
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-12

Matrix: Solid
Percent Solids: 83.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<51		51		ug/Kg	☼	09/24/18 15:00	09/25/18 02:11	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*105*		*50 - 150*	*09/24/18 15:00*	*09/25/18 02:11*	*50*
4-Bromofluorobenzene	*87*		*50 - 150*	*09/24/18 15:00*	*09/25/18 02:11*	*50*
Toluene-d8 (Surr)	*82*		*50 - 150*	*09/24/18 15:00*	*09/25/18 02:11*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,1,1-Trichloroethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,1,2,2-Tetrachloroethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,1,2-Trichloroethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,1-Dichloroethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,1-Dichloroethene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,1-Dichloropropene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,2,3-Trichlorobenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,2,3-Trichloropropane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,2,4-Trichlorobenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,2,4-Trimethylbenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,2-Dibromo-3-Chloropropane	<640		640		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,2-Dibromoethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,2-Dichlorobenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,2-Dichloroethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,2-Dichloropropane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,3,5-Trimethylbenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,3-Dichlorobenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,3-Dichloropropane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,4-Dichlorobenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
1,4-Dioxane	<2600		2600		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
2,2-Dichloropropane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
2-Chlorotoluene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
4-Chlorotoluene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Benzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Bromobenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Bromochloromethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Bromodichloromethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Bromoform	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Bromomethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Carbon tetrachloride	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Chlorobenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Chlorodibromomethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Chloroethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Chloroform	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Chloromethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
cis-1,2-Dichloroethene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Dibromomethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Dichlorodifluoromethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Ethylbenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Hexachlorobutadiene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-304-13-15-0918

Date Collected: 09/18/18 11:05
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-12

Matrix: Solid
Percent Solids: 83.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Methylene Chloride	<640		640		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Naphthalene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
n-Butylbenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
N-Propylbenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
p-Isopropyltoluene	<320	*	320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
sec-Butylbenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Styrene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
tert-Butylbenzene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Tetrachloroethene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Toluene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
trans-1,2-Dichloroethene	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Trichloroethene	**360**		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Trichlorofluoromethane	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Vinyl chloride	<320		320		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1
Xylenes, Total	<640		640		ug/Kg	☼	09/19/18 22:25	09/21/18 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*134*		*53 - 155*	*09/19/18 22:25*	*09/21/18 16:36*	*1*
4-Bromofluorobenzene (Surr)	*146*		*48 - 151*	*09/19/18 22:25*	*09/21/18 16:36*	*1*
Dibromofluoromethane (Surr)	*128*		*49 - 138*	*09/19/18 22:25*	*09/21/18 16:36*	*1*
Toluene-d8 (Surr)	*120*		*49 - 147*	*09/19/18 22:25*	*09/21/18 16:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**83.1**		0.1		%			09/24/18 17:17	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-305-0-2-0918

Date Collected: 09/18/18 09:10
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-13

Matrix: Solid
Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.80		0.80		ug/Kg	☼	09/24/18 15:00	09/24/18 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*127*		*50 - 150*	*09/24/18 15:00*	*09/24/18 22:49*	*1*
4-Bromofluorobenzene	*88*		*50 - 150*	*09/24/18 15:00*	*09/24/18 22:49*	*1*
Toluene-d8 (Surr)	*79*		*50 - 150*	*09/24/18 15:00*	*09/24/18 22:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,1,1-Trichloroethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,1,2,2-Tetrachloroethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,1,2-Trichloroethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,1-Dichloroethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,1-Dichloroethene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,1-Dichloropropene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,2,3-Trichlorobenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,2,3-Trichloropropane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,2,4-Trichlorobenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,2,4-Trimethylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,2-Dibromo-3-Chloropropane	<590		590		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,2-Dibromoethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,2-Dichlorobenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,2-Dichloroethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,2-Dichloropropane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,3,5-Trimethylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,3-Dichlorobenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,3-Dichloropropane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,4-Dichlorobenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
1,4-Dioxane	<2400		2400		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
2,2-Dichloropropane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
2-Chlorotoluene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
4-Chlorotoluene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Benzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Bromobenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Bromochloromethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Bromodichloromethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Bromoform	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Bromomethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Carbon tetrachloride	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Chlorobenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Chlorodibromomethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Chloroethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Chloroform	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Chloromethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
cis-1,2-Dichloroethene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Dibromomethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Dichlorodifluoromethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Ethylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Hexachlorobutadiene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-305-0-2-0918

Date Collected: 09/18/18 09:10
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-13

Matrix: Solid
Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Methylene Chloride	<590		590		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Naphthalene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
n-Butylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
N-Propylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
p-Isopropyltoluene	<300	*	300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
sec-Butylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Styrene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
tert-Butylbenzene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Tetrachloroethene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Toluene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
trans-1,2-Dichloroethene	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Trichloroethene	**320**		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Trichlorofluoromethane	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Vinyl chloride	<300		300		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1
Xylenes, Total	<590		590		ug/Kg	☼	09/19/18 22:25	09/21/18 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*53 - 155*	*09/19/18 22:25*	*09/21/18 16:57*	*1*
4-Bromofluorobenzene (Surr)	*130*		*48 - 151*	*09/19/18 22:25*	*09/21/18 16:57*	*1*
Dibromofluoromethane (Surr)	*117*		*49 - 138*	*09/19/18 22:25*	*09/21/18 16:57*	*1*
Toluene-d8 (Surr)	*105*		*49 - 147*	*09/19/18 22:25*	*09/21/18 16:57*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85.9**		0.1		%			09/24/18 17:17	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-305-3-5-0918

Date Collected: 09/18/18 09:20
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-14

Matrix: Solid
Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.89		0.89		ug/Kg	☼	09/24/18 15:00	09/24/18 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*126*		*50 - 150*	*09/24/18 15:00*	*09/24/18 23:15*	*1*
4-Bromofluorobenzene	*90*		*50 - 150*	*09/24/18 15:00*	*09/24/18 23:15*	*1*
Toluene-d8 (Surr)	*80*		*50 - 150*	*09/24/18 15:00*	*09/24/18 23:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,1,1-Trichloroethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,1,2,2-Tetrachloroethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,1,2-Trichloroethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,1-Dichloroethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,1-Dichloroethene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,1-Dichloropropene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,2,3-Trichlorobenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,2,3-Trichloropropane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,2,4-Trichlorobenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,2,4-Trimethylbenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,2-Dibromo-3-Chloropropane	<760		760		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,2-Dibromoethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,2-Dichlorobenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,2-Dichloroethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,2-Dichloropropane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,3,5-Trimethylbenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,3-Dichlorobenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,3-Dichloropropane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,4-Dichlorobenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
1,4-Dioxane	<3000		3000		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
2,2-Dichloropropane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
2-Chlorotoluene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
4-Chlorotoluene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Benzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Bromobenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Bromochloromethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Bromodichloromethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Bromoform	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Bromomethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Carbon tetrachloride	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Chlorobenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Chlorodibromomethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Chloroethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Chloroform	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Chloromethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
cis-1,2-Dichloroethene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Dibromomethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Dichlorodifluoromethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Ethylbenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Hexachlorobutadiene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-305-3-5-0918

Date Collected: 09/18/18 09:20
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-14

Matrix: Solid
Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Methylene Chloride	<760		760		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Naphthalene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
n-Butylbenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
N-Propylbenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
p-Isopropyltoluene	<380	*	380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
sec-Butylbenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Styrene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
tert-Butylbenzene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Tetrachloroethene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Toluene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
trans-1,2-Dichloroethene	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Trichloroethene	**560**		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Trichlorofluoromethane	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Vinyl chloride	<380		380		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1
Xylenes, Total	<760		760		ug/Kg	☼	09/19/18 22:25	09/21/18 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*170*	*X*	*53 - 155*	*09/19/18 22:25*	*09/21/18 17:18*	*1*
4-Bromofluorobenzene (Surr)	*179*	*X*	*48 - 151*	*09/19/18 22:25*	*09/21/18 17:18*	*1*
Dibromofluoromethane (Surr)	*158*	*X*	*49 - 138*	*09/19/18 22:25*	*09/21/18 17:18*	*1*
Toluene-d8 (Surr)	*148*	*X*	*49 - 147*	*09/19/18 22:25*	*09/21/18 17:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**84.4**		0.1		%			09/24/18 17:17	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-305-8-10-0918

Date Collected: 09/18/18 09:30
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-15

Matrix: Solid
Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.92		0.92		ug/Kg	☼	09/24/18 15:00	09/24/18 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*128*		*50 - 150*	*09/24/18 15:00*	*09/24/18 23:40*	*1*
4-Bromofluorobenzene	*88*		*50 - 150*	*09/24/18 15:00*	*09/24/18 23:40*	*1*
Toluene-d8 (Surr)	*79*		*50 - 150*	*09/24/18 15:00*	*09/24/18 23:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,1,1-Trichloroethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,1,2,2-Tetrachloroethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,1,2-Trichloroethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,1-Dichloroethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,1-Dichloroethene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,1-Dichloropropene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,2,3-Trichlorobenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,2,3-Trichloropropane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,2,4-Trichlorobenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,2,4-Trimethylbenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,2-Dibromo-3-Chloropropane	<8.4		8.4		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,2-Dibromoethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,2-Dichlorobenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,2-Dichloroethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,2-Dichloropropane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,3,5-Trimethylbenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,3-Dichlorobenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,3-Dichloropropane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,4-Dichlorobenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
1,4-Dioxane	<34		34		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
2,2-Dichloropropane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
2-Chlorotoluene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
4-Chlorotoluene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Benzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Bromobenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Bromochloromethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Bromodichloromethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Bromoform	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Bromomethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Carbon tetrachloride	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Chlorobenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Chlorodibromomethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Chloroethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Chloroform	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Chloromethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
cis-1,2-Dichloroethene	**5.8**		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Dibromomethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Dichlorodifluoromethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Ethylbenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Hexachlorobutadiene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-305-8-10-0918

Date Collected: 09/18/18 09:30
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-15

Matrix: Solid
Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Methylene Chloride	<21		21		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Naphthalene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
n-Butylbenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
N-Propylbenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
p-Isopropyltoluene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
sec-Butylbenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Styrene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
tert-Butylbenzene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Tetrachloroethene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Toluene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
trans-1,2-Dichloroethene	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Trichloroethene	**130**		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Trichlorofluoromethane	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Vinyl chloride	<4.2		4.2		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1
Xylenes, Total	<8.4		8.4		ug/Kg	☼	09/19/18 22:14	09/21/18 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*48 - 123*	*09/19/18 22:14*	*09/21/18 16:36*	*1*
4-Bromofluorobenzene (Surr)	*86*		*49 - 141*	*09/19/18 22:14*	*09/21/18 16:36*	*1*
Dibromofluoromethane (Surr)	*94*		*49 - 132*	*09/19/18 22:14*	*09/21/18 16:36*	*1*
Toluene-d8 (Surr)	*92*		*62 - 135*	*09/19/18 22:14*	*09/21/18 16:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85.7**		0.1		%			09/24/18 17:17	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-305-13-15-0918

Date Collected: 09/18/18 09:40
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-16

Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.85		0.85		ug/Kg	☼	09/24/18 15:00	09/25/18 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*127*		*50 - 150*	*09/24/18 15:00*	*09/25/18 00:05*	*1*
4-Bromofluorobenzene	*90*		*50 - 150*	*09/24/18 15:00*	*09/25/18 00:05*	*1*
Toluene-d8 (Surr)	*81*		*50 - 150*	*09/24/18 15:00*	*09/25/18 00:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,1,1-Trichloroethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,1,2,2-Tetrachloroethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,1,2-Trichloroethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,1-Dichloroethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,1-Dichloroethene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,1-Dichloropropene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,2,3-Trichlorobenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,2,3-Trichloropropane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,2,4-Trichlorobenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,2,4-Trimethylbenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,2-Dibromo-3-Chloropropane	<8.7		8.7		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,2-Dibromoethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,2-Dichlorobenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,2-Dichloroethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,2-Dichloropropane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,3,5-Trimethylbenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,3-Dichlorobenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,3-Dichloropropane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,4-Dichlorobenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
1,4-Dioxane	<35		35		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
2,2-Dichloropropane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
2-Chlorotoluene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
4-Chlorotoluene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Benzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Bromobenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Bromochloromethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Bromodichloromethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Bromoform	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Bromomethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Carbon tetrachloride	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Chlorobenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Chlorodibromomethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Chloroethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Chloroform	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Chloromethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
cis-1,2-Dichloroethene	**8.2**		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Dibromomethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Dichlorodifluoromethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Ethylbenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Hexachlorobutadiene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-305-13-15-0918

Date Collected: 09/18/18 09:40
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-16

Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Methylene Chloride	<22		22		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Naphthalene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
n-Butylbenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
N-Propylbenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
p-Isopropyltoluene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
sec-Butylbenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Styrene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
tert-Butylbenzene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Tetrachloroethene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Toluene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
trans-1,2-Dichloroethene	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Trichloroethene	**170**		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Trichlorofluoromethane	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Vinyl chloride	<4.4		4.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1
Xylenes, Total	<8.7		8.7		ug/Kg	☼	09/19/18 22:14	09/21/18 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*48 - 123*	*09/19/18 22:14*	*09/21/18 17:01*	*1*
4-Bromofluorobenzene (Surr)	*91*		*49 - 141*	*09/19/18 22:14*	*09/21/18 17:01*	*1*
Dibromofluoromethane (Surr)	*91*		*49 - 132*	*09/19/18 22:14*	*09/21/18 17:01*	*1*
Toluene-d8 (Surr)	*92*		*62 - 135*	*09/19/18 22:14*	*09/21/18 17:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.5**		0.1		%			09/24/18 17:17	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-306-0-2-0918

Date Collected: 09/18/18 14:00
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-17

Matrix: Solid
Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.99		0.99		ug/Kg	☼	09/24/18 15:00	09/25/18 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*128*		*50 - 150*	*09/24/18 15:00*	*09/25/18 00:30*	*1*
4-Bromofluorobenzene	*92*		*50 - 150*	*09/24/18 15:00*	*09/25/18 00:30*	*1*
Toluene-d8 (Surr)	*80*		*50 - 150*	*09/24/18 15:00*	*09/25/18 00:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,1,1-Trichloroethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,1,2,2-Tetrachloroethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,1,2-Trichloroethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,1-Dichloroethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,1-Dichloroethene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,1-Dichloropropene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,2,3-Trichlorobenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,2,3-Trichloropropane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,2,4-Trichlorobenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,2,4-Trimethylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,2-Dibromo-3-Chloropropane	<11		11		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,2-Dibromoethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,2-Dichlorobenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,2-Dichloroethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,2-Dichloropropane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,3,5-Trimethylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,3-Dichlorobenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,3-Dichloropropane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,4-Dichlorobenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
1,4-Dioxane	<43		43		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
2,2-Dichloropropane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
2-Chlorotoluene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
4-Chlorotoluene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Benzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Bromobenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Bromochloromethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Bromodichloromethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Bromoform	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Bromomethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Carbon tetrachloride	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Chlorobenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Chlorodibromomethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Chloroethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Chloroform	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Chloromethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
cis-1,2-Dichloroethene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Dibromomethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Dichlorodifluoromethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Ethylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Hexachlorobutadiene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-306-0-2-0918

Date Collected: 09/18/18 14:00
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-17

Matrix: Solid
Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Methylene Chloride	<27		27		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Naphthalene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
n-Butylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
N-Propylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
p-Isopropyltoluene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
sec-Butylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Styrene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
tert-Butylbenzene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Tetrachloroethene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Toluene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
trans-1,2-Dichloroethene	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Trichloroethene	**52**		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Trichlorofluoromethane	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Vinyl chloride	<5.4		5.4		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1
Xylenes, Total	<11		11		ug/Kg	☼	09/19/18 22:14	09/21/18 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*48 - 123*	*09/19/18 22:14*	*09/21/18 17:27*	*1*
4-Bromofluorobenzene (Surr)	*87*		*49 - 141*	*09/19/18 22:14*	*09/21/18 17:27*	*1*
Dibromofluoromethane (Surr)	*92*		*49 - 132*	*09/19/18 22:14*	*09/21/18 17:27*	*1*
Toluene-d8 (Surr)	*90*		*62 - 135*	*09/19/18 22:14*	*09/21/18 17:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85.9**		0.1		%			09/24/18 17:17	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-306-3-5-0918

Date Collected: 09/18/18 14:20
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-18

Matrix: Solid
Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.2		1.2		ug/Kg	☼	09/24/18 15:00	09/25/18 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*138*		*50 - 150*	*09/24/18 15:00*	*09/25/18 00:56*	*1*
4-Bromofluorobenzene	*92*		*50 - 150*	*09/24/18 15:00*	*09/25/18 00:56*	*1*
Toluene-d8 (Surr)	*76*		*50 - 150*	*09/24/18 15:00*	*09/25/18 00:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,1,1-Trichloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,1,2,2-Tetrachloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,1,2-Trichloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,1-Dichloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,1-Dichloroethene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,1-Dichloropropene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,2,3-Trichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,2,3-Trichloropropane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,2,4-Trichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,2,4-Trimethylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,2-Dibromoethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,2-Dichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,2-Dichloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,2-Dichloropropane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,3,5-Trimethylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,3-Dichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,3-Dichloropropane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,4-Dichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
1,4-Dioxane	<41		41		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
2,2-Dichloropropane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
2-Chlorotoluene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
4-Chlorotoluene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Benzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Bromobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Bromochloromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Bromodichloromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Bromoform	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Bromomethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Carbon tetrachloride	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Chlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Chlorodibromomethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Chloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Chloroform	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Chloromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
cis-1,2-Dichloroethene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Dibromomethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Dichlorodifluoromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Ethylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Hexachlorobutadiene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-306-3-5-0918

Date Collected: 09/18/18 14:20
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-18

Matrix: Solid
Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Methylene Chloride	<26		26		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Naphthalene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
n-Butylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
N-Propylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
p-Isopropyltoluene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
sec-Butylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Styrene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
tert-Butylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Tetrachloroethene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Toluene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
trans-1,2-Dichloroethene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Trichloroethene	**31**		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Trichlorofluoromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Vinyl chloride	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1
Xylenes, Total	<10		10		ug/Kg	☼	09/19/18 22:14	09/21/18 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*48 - 123*	*09/19/18 22:14*	*09/21/18 17:53*	*1*
4-Bromofluorobenzene (Surr)	*89*		*49 - 141*	*09/19/18 22:14*	*09/21/18 17:53*	*1*
Dibromofluoromethane (Surr)	*89*		*49 - 132*	*09/19/18 22:14*	*09/21/18 17:53*	*1*
Toluene-d8 (Surr)	*88*		*62 - 135*	*09/19/18 22:14*	*09/21/18 17:53*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**88.3**		0.1		%			09/24/18 17:17	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-306-8-10-0918

Date Collected: 09/18/18 14:45
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-19

Matrix: Solid
Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.1		1.1		ug/Kg	☼	09/24/18 15:00	09/25/18 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*129*		*50 - 150*	*09/24/18 15:00*	*09/25/18 01:21*	*1*
4-Bromofluorobenzene	*89*		*50 - 150*	*09/24/18 15:00*	*09/25/18 01:21*	*1*
Toluene-d8 (Surr)	*77*		*50 - 150*	*09/24/18 15:00*	*09/25/18 01:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,1-Dichloropropene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,2,3-Trichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,2,3-Trichloropropane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,2,4-Trichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,2-Dibromoethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,3,5-Trimethylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,3-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
1,4-Dioxane	<40		40		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
2,2-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
2-Chlorotoluene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
4-Chlorotoluene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Benzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Bromobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Bromochloromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Bromodichloromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Bromoform	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Bromomethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Carbon tetrachloride	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Chlorobenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Chlorodibromomethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Chloroethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Chloroform	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Chloromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Dibromomethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Dichlorodifluoromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Ethylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Hexachlorobutadiene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-306-8-10-0918

Date Collected: 09/18/18 14:45
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-19

Matrix: Solid
Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Methylene Chloride	<25		25		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Naphthalene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
n-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
N-Propylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
p-Isopropyltoluene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
sec-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Styrene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
tert-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Tetrachloroethene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Toluene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Trichloroethene	**19**		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Trichlorofluoromethane	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Vinyl chloride	<5.0		5.0		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1
Xylenes, Total	<10		10		ug/Kg	☼	09/19/18 22:14	09/21/18 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*48 - 123*	*09/19/18 22:14*	*09/21/18 18:19*	*1*
4-Bromofluorobenzene (Surr)	*90*		*49 - 141*	*09/19/18 22:14*	*09/21/18 18:19*	*1*
Dibromofluoromethane (Surr)	*96*		*49 - 132*	*09/19/18 22:14*	*09/21/18 18:19*	*1*
Toluene-d8 (Surr)	*90*		*62 - 135*	*09/19/18 22:14*	*09/21/18 18:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87.3**		0.1		%			09/24/18 17:17	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-306-13-15-0918

Date Collected: 09/18/18 14:40
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-20

Matrix: Solid
Percent Solids: 85.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.94		0.94		ug/Kg	☼	09/24/18 15:00	09/25/18 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*129*		*50 - 150*	*09/24/18 15:00*	*09/25/18 01:46*	*1*
4-Bromofluorobenzene	*89*		*50 - 150*	*09/24/18 15:00*	*09/25/18 01:46*	*1*
Toluene-d8 (Surr)	*79*		*50 - 150*	*09/24/18 15:00*	*09/25/18 01:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,1,1-Trichloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,1,2,2-Tetrachloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,1,2-Trichloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,1-Dichloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,1-Dichloroethene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,1-Dichloropropene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,2,3-Trichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,2,3-Trichloropropane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,2,4-Trichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,2,4-Trimethylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,2-Dibromoethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,2-Dichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,2-Dichloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,2-Dichloropropane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,3,5-Trimethylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,3-Dichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,3-Dichloropropane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,4-Dichlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
1,4-Dioxane	<40		40		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
2,2-Dichloropropane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
2-Chlorotoluene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
4-Chlorotoluene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Benzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Bromobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Bromochloromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Bromodichloromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Bromoform	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Bromomethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Carbon tetrachloride	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Chlorobenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Chlorodibromomethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Chloroethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Chloroform	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Chloromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
cis-1,2-Dichloroethene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Dibromomethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Dichlorodifluoromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Ethylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Hexachlorobutadiene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-306-13-15-0918

Date Collected: 09/18/18 14:40
Date Received: 09/19/18 09:20

Lab Sample ID: 240-101492-20

Matrix: Solid
Percent Solids: 85.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Methylene Chloride	<25		25		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Naphthalene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
n-Butylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
N-Propylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
p-Isopropyltoluene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
sec-Butylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Styrene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
tert-Butylbenzene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Tetrachloroethene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Toluene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
trans-1,2-Dichloroethene	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Trichloroethene	**89**		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Trichlorofluoromethane	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Vinyl chloride	<5.1		5.1		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1
Xylenes, Total	<10		10		ug/Kg	☼	09/19/18 22:14	09/21/18 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*48 - 123*	*09/19/18 22:14*	*09/21/18 18:45*	*1*
4-Bromofluorobenzene (Surr)	*89*		*49 - 141*	*09/19/18 22:14*	*09/21/18 18:45*	*1*
Dibromofluoromethane (Surr)	*94*		*49 - 132*	*09/19/18 22:14*	*09/21/18 18:45*	*1*
Toluene-d8 (Surr)	*92*		*62 - 135*	*09/19/18 22:14*	*09/21/18 18:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85.8**		0.1		%			09/24/18 17:17	1

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

Lab Sample ID: MB 240-346225/1-A
Matrix: Solid
Analysis Batch: 346551

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 346225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,1,1-Trichloroethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,1,2,2-Tetrachloroethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,1,2-Trichloroethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,1-Dichloroethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,1-Dichloroethene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,1-Dichloropropene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,2,3-Trichlorobenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,2,3-Trichloropropane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,2,4-Trichlorobenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,2,4-Trimethylbenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,2-Dibromo-3-Chloropropane	<500		500		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,2-Dibromoethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,2-Dichlorobenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,2-Dichloroethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,2-Dichloropropane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,3,5-Trimethylbenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,3-Dichlorobenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,3-Dichloropropane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,4-Dichlorobenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
1,4-Dioxane	<2000		2000		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
2,2-Dichloropropane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
2-Chlorotoluene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
4-Chlorotoluene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Benzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Bromobenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Bromochloromethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Bromodichloromethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Bromoform	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Bromomethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Carbon tetrachloride	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Chlorobenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Chlorodibromomethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Chloroethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Chloroform	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Chloromethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
cis-1,2-Dichloroethene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Dibromomethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Dichlorodifluoromethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Ethylbenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Hexachlorobutadiene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Isopropylbenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Methylene Chloride	<500		500		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Naphthalene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
n-Butylbenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
N-Propylbenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
p-Isopropyltoluene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
sec-Butylbenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1

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

Lab Sample ID: MB 240-346225/1-A
Matrix: Solid
Analysis Batch: 346551

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 346225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
tert-Butylbenzene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Tetrachloroethene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Toluene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
trans-1,2-Dichloroethene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Trichloroethene	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Trichlorofluoromethane	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Vinyl chloride	<250		250		ug/Kg		09/19/18 22:25	09/21/18 15:10	1
Xylenes, Total	<500		500		ug/Kg		09/19/18 22:25	09/21/18 15:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*53 - 155*	*09/19/18 22:25*	*09/21/18 15:10*	*1*
4-Bromofluorobenzene (Surr)	*99*		*48 - 151*	*09/19/18 22:25*	*09/21/18 15:10*	*1*
Dibromofluoromethane (Surr)	*90*		*49 - 138*	*09/19/18 22:25*	*09/21/18 15:10*	*1*
Toluene-d8 (Surr)	*84*		*49 - 147*	*09/19/18 22:25*	*09/21/18 15:10*	*1*

Lab Sample ID: LCS 240-346225/2-A
Matrix: Solid
Analysis Batch: 346551

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 346225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	1000	976		ug/Kg		98	73 - 124
1,1,1-Trichloroethane	1000	1180		ug/Kg		118	64 - 135
1,1,2,2-Tetrachloroethane	1000	986		ug/Kg		99	68 - 128
1,1,2-Trichloroethane	1000	960		ug/Kg		96	78 - 120
1,1-Dichloroethane	1000	1130		ug/Kg		113	72 - 122
1,1-Dichloroethene	1000	1120		ug/Kg		112	57 - 139
1,1-Dichloropropene	1000	1130		ug/Kg		113	72 - 127
1,2,3-Trichlorobenzene	1000	847		ug/Kg		85	59 - 120
1,2,3-Trichloropropane	1000	982		ug/Kg		98	68 - 128
1,2,4-Trichlorobenzene	1000	868		ug/Kg		87	54 - 120
1,2,4-Trimethylbenzene	1000	1170		ug/Kg		117	75 - 121
1,2-Dibromo-3-Chloropropane	1000	757		ug/Kg		76	38 - 135
1,2-Dibromoethane	1000	934		ug/Kg		93	76 - 120
1,2-Dichlorobenzene	1000	983		ug/Kg		98	73 - 120
1,2-Dichloroethane	1000	976		ug/Kg		98	64 - 126
1,2-Dichloropropane	1000	1130		ug/Kg		113	78 - 122
1,3,5-Trimethylbenzene	1000	1200		ug/Kg		120	76 - 124
1,3-Dichlorobenzene	1000	1010		ug/Kg		101	70 - 120
1,3-Dichloropropane	1000	973		ug/Kg		97	76 - 120
1,4-Dichlorobenzene	1000	985		ug/Kg		99	71 - 120
1,4-Dioxane	20000	19100		ug/Kg		95	51 - 140
2,2-Dichloropropane	1000	1180		ug/Kg		118	42 - 143
2-Chlorotoluene	1000	1120		ug/Kg		112	75 - 120
4-Chlorotoluene	1000	1080		ug/Kg		108	74 - 121
Benzene	1000	1110		ug/Kg		111	74 - 123
Bromobenzene	1000	1030		ug/Kg		103	75 - 120
Bromochloromethane	1000	1050		ug/Kg		105	72 - 124

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

Lab Sample ID: LCS 240-346225/2-A
Matrix: Solid
Analysis Batch: 346551

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 346225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	1000	998		ug/Kg		100	63 - 132
Bromoform	1000	776		ug/Kg		78	46 - 137
Bromomethane	1000	259		ug/Kg		26	10 - 152
Carbon tetrachloride	1000	1090		ug/Kg		109	56 - 139
Chlorobenzene	1000	1020		ug/Kg		102	80 - 120
Chlorodibromomethane	1000	842		ug/Kg		84	58 - 131
Chloroethane	1000	252		ug/Kg		25	15 - 155
Chloroform	1000	1130		ug/Kg		113	72 - 124
Chloromethane	1000	775		ug/Kg		77	45 - 128
cis-1,2-Dichloroethene	1000	1100		ug/Kg		110	74 - 123
Dibromomethane	1000	963		ug/Kg		96	71 - 122
Dichlorodifluoromethane	1000	584		ug/Kg		58	26 - 138
Ethylbenzene	1000	1080		ug/Kg		108	76 - 120
Hexachlorobutadiene	1000	962		ug/Kg		96	58 - 122
Isopropylbenzene	1000	1110		ug/Kg		111	77 - 124
Methylene Chloride	1000	1340		ug/Kg		134	62 - 137
Naphthalene	1000	849		ug/Kg		85	51 - 120
n-Butylbenzene	1000	1140		ug/Kg		114	64 - 133
N-Propylbenzene	1000	1200		ug/Kg		120	73 - 129
p-Isopropyltoluene	1000	1250	*	ug/Kg		125	74 - 124
sec-Butylbenzene	1000	1240		ug/Kg		124	73 - 126
Styrene	1000	1050		ug/Kg		105	76 - 121
tert-Butylbenzene	1000	1180		ug/Kg		118	73 - 122
Tetrachloroethene	1000	945		ug/Kg		94	76 - 120
Toluene	1000	1090		ug/Kg		109	76 - 120
trans-1,2-Dichloroethene	1000	1150		ug/Kg		115	71 - 133
Trichloroethene	1000	1030		ug/Kg		103	73 - 126
Trichlorofluoromethane	1000	829		ug/Kg		83	47 - 146
Vinyl chloride	1000	881		ug/Kg		88	52 - 130
Xylenes, Total	2000	2160		ug/Kg		108	79 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*53 - 155*
4-Bromofluorobenzene (Surr)	*102*		*48 - 151*
Dibromofluoromethane (Surr)	*96*		*49 - 138*
Toluene-d8 (Surr)	*83*		*49 - 147*

Lab Sample ID: MB 240-346319/6
Matrix: Solid
Analysis Batch: 346319

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg			09/20/18 12:56	1

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

Lab Sample ID: MB 240-346319/6
Matrix: Solid
Analysis Batch: 346319

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,2,3-Trichlorobenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,2,3-Trichloropropane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,2,4-Trichlorobenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg			09/20/18 12:56	1
1,2-Dibromoethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,3,5-Trimethylbenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,3-Dichloropropane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
1,4-Dioxane	<40		40		ug/Kg			09/20/18 12:56	1
2,2-Dichloropropane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
2-Chlorotoluene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
4-Chlorotoluene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Benzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Bromobenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Bromochloromethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Bromodichloromethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Bromoform	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Bromomethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Carbon tetrachloride	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Chlorobenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Chlorodibromomethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Chloroethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Chloroform	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Chloromethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Dibromomethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Dichlorodifluoromethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Ethylbenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Hexachlorobutadiene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Isopropylbenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Methylene Chloride	<25		25		ug/Kg			09/20/18 12:56	1
Naphthalene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
n-Butylbenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
N-Propylbenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
p-Isopropyltoluene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
sec-Butylbenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Styrene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
tert-Butylbenzene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Tetrachloroethene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Toluene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Trichloroethene	<5.0		5.0		ug/Kg			09/20/18 12:56	1

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

Lab Sample ID: MB 240-346319/6
Matrix: Solid
Analysis Batch: 346319

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Vinyl chloride	<5.0		5.0		ug/Kg			09/20/18 12:56	1
Xylenes, Total	<10		10		ug/Kg			09/20/18 12:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*48 - 123*		*09/20/18 12:56*	*1*
4-Bromofluorobenzene (Surr)	*91*		*49 - 141*		*09/20/18 12:56*	*1*
Dibromofluoromethane (Surr)	*89*		*49 - 132*		*09/20/18 12:56*	*1*
Toluene-d8 (Surr)	*90*		*62 - 135*		*09/20/18 12:56*	*1*

Lab Sample ID: LCS 240-346319/5
Matrix: Solid
Analysis Batch: 346319

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	46.9		ug/Kg		94	73 - 124
1,1,1-Trichloroethane	50.0	42.4		ug/Kg		85	64 - 135
1,1,2,2-Tetrachloroethane	50.0	52.9		ug/Kg		106	68 - 128
1,1,2-Trichloroethane	50.0	51.6		ug/Kg		103	78 - 120
1,1-Dichloroethane	50.0	46.0		ug/Kg		92	72 - 122
1,1-Dichloroethene	50.0	44.6		ug/Kg		89	57 - 139
1,1-Dichloropropene	50.0	42.3		ug/Kg		85	72 - 127
1,2,3-Trichlorobenzene	50.0	41.6		ug/Kg		83	59 - 120
1,2,3-Trichloropropane	50.0	54.9		ug/Kg		110	68 - 128
1,2,4-Trichlorobenzene	50.0	40.7		ug/Kg		81	54 - 120
1,2,4-Trimethylbenzene	50.0	45.7		ug/Kg		91	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	54.9		ug/Kg		110	38 - 135
1,2-Dibromoethane	50.0	51.9		ug/Kg		104	76 - 120
1,2-Dichlorobenzene	50.0	46.9		ug/Kg		94	73 - 120
1,2-Dichloroethane	50.0	46.6		ug/Kg		93	64 - 126
1,2-Dichloropropane	50.0	48.5		ug/Kg		97	78 - 122
1,3,5-Trimethylbenzene	50.0	45.1		ug/Kg		90	76 - 124
1,3-Dichlorobenzene	50.0	45.5		ug/Kg		91	70 - 120
1,3-Dichloropropane	50.0	48.5		ug/Kg		97	76 - 120
1,4-Dichlorobenzene	50.0	46.8		ug/Kg		94	71 - 120
1,4-Dioxane	1000	1180		ug/Kg		118	51 - 140
2,2-Dichloropropane	50.0	39.4		ug/Kg		79	42 - 143
2-Chlorotoluene	50.0	46.1		ug/Kg		92	75 - 120
4-Chlorotoluene	50.0	46.2		ug/Kg		92	74 - 121
Benzene	50.0	46.2		ug/Kg		92	74 - 123
Bromobenzene	50.0	46.4		ug/Kg		93	75 - 120
Bromochloromethane	50.0	52.0		ug/Kg		104	72 - 124
Bromodichloromethane	50.0	48.3		ug/Kg		97	63 - 132
Bromoform	50.0	55.8		ug/Kg		112	46 - 137
Bromomethane	20.0	19.5		ug/Kg		97	10 - 152
Carbon tetrachloride	50.0	41.8		ug/Kg		84	56 - 139
Chlorobenzene	50.0	46.7		ug/Kg		93	80 - 120
Chlorodibromomethane	50.0	52.7		ug/Kg		105	58 - 131

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

Lab Sample ID: LCS 240-346319/5
Matrix: Solid
Analysis Batch: 346319

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	20.0	18.2		ug/Kg		91	15 - 155
Chloroform	50.0	45.6		ug/Kg		91	72 - 124
Chloromethane	20.0	18.3		ug/Kg		91	45 - 128
cis-1,2-Dichloroethene	50.0	47.5		ug/Kg		95	74 - 123
Dibromomethane	50.0	49.6		ug/Kg		99	71 - 122
Dichlorodifluoromethane	20.0	14.5		ug/Kg		72	26 - 138
Ethylbenzene	50.0	47.1		ug/Kg		94	76 - 120
Hexachlorobutadiene	50.0	34.9		ug/Kg		70	58 - 122
Isopropylbenzene	50.0	48.0		ug/Kg		96	77 - 124
Methylene Chloride	50.0	44.9		ug/Kg		90	62 - 137
Naphthalene	50.0	46.3		ug/Kg		93	51 - 120
n-Butylbenzene	50.0	41.2		ug/Kg		82	64 - 133
N-Propylbenzene	50.0	46.6		ug/Kg		93	73 - 129
p-Isopropyltoluene	50.0	42.9		ug/Kg		86	74 - 124
sec-Butylbenzene	50.0	45.5		ug/Kg		91	73 - 126
Styrene	50.0	45.7		ug/Kg		91	76 - 121
tert-Butylbenzene	50.0	45.7		ug/Kg		91	73 - 122
Tetrachloroethene	50.0	43.9		ug/Kg		88	76 - 120
Toluene	50.0	45.9		ug/Kg		92	76 - 120
trans-1,2-Dichloroethene	50.0	47.8		ug/Kg		96	71 - 133
Trichloroethene	50.0	48.3		ug/Kg		97	73 - 126
Trichlorofluoromethane	20.0	15.5		ug/Kg		78	47 - 146
Vinyl chloride	20.0	17.2		ug/Kg		86	52 - 130
Xylenes, Total	100	95.8		ug/Kg		96	79 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*48 - 123*
4-Bromofluorobenzene (Surr)	*87*		*49 - 141*
Dibromofluoromethane (Surr)	*90*		*49 - 132*
Toluene-d8 (Surr)	*92*		*62 - 135*

Lab Sample ID: MB 240-346549/6
Matrix: Solid
Analysis Batch: 346549

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,1-Dichloropropene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,2,3-Trichlorobenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,2,3-Trichloropropane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,2,4-Trichlorobenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg			09/21/18 13:11	1

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

Lab Sample ID: MB 240-346549/6
Matrix: Solid
Analysis Batch: 346549

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,3,5-Trimethylbenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,3-Dichloropropane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
1,4-Dioxane	<40		40		ug/Kg			09/21/18 13:11	1
2,2-Dichloropropane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
2-Chlorotoluene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
4-Chlorotoluene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Benzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Bromobenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Bromochloromethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Bromodichloromethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Bromoform	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Bromomethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Carbon tetrachloride	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Chlorobenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Chlorodibromomethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Chloroethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Chloroform	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Chloromethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Dibromomethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Dichlorodifluoromethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Ethylbenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Hexachlorobutadiene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Isopropylbenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Methylene Chloride	<25		25		ug/Kg			09/21/18 13:11	1
Naphthalene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
n-Butylbenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
N-Propylbenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
p-Isopropyltoluene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
sec-Butylbenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Styrene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
tert-Butylbenzene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Tetrachloroethene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Toluene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Trichloroethene	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Trichlorofluoromethane	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Vinyl chloride	<5.0		5.0		ug/Kg			09/21/18 13:11	1
Xylenes, Total	<10		10		ug/Kg			09/21/18 13:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*48 - 123*		*09/21/18 13:11*	*1*

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

Lab Sample ID: MB 240-346549/6
Matrix: Solid
Analysis Batch: 346549

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		49 - 141		09/21/18 13:11	1
Dibromofluoromethane (Surr)	89		49 - 132		09/21/18 13:11	1
Toluene-d8 (Surr)	91		62 - 135		09/21/18 13:11	1

Lab Sample ID: LCS 240-346549/5
Matrix: Solid
Analysis Batch: 346549

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	47.1		ug/Kg		94	73 - 124
1,1,1-Trichloroethane	50.0	42.8		ug/Kg		86	64 - 135
1,1,2,2-Tetrachloroethane	50.0	53.0		ug/Kg		106	68 - 128
1,1,2-Trichloroethane	50.0	51.5		ug/Kg		103	78 - 120
1,1-Dichloroethane	50.0	47.1		ug/Kg		94	72 - 122
1,1-Dichloroethene	50.0	42.4		ug/Kg		85	57 - 139
1,1-Dichloropropene	50.0	41.2		ug/Kg		82	72 - 127
1,2,3-Trichlorobenzene	50.0	41.0		ug/Kg		82	59 - 120
1,2,3-Trichloropropane	50.0	54.5		ug/Kg		109	68 - 128
1,2,4-Trichlorobenzene	50.0	40.2		ug/Kg		80	54 - 120
1,2,4-Trimethylbenzene	50.0	45.1		ug/Kg		90	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	52.5		ug/Kg		105	38 - 135
1,2-Dibromoethane	50.0	50.2		ug/Kg		100	76 - 120
1,2-Dichlorobenzene	50.0	46.9		ug/Kg		94	73 - 120
1,2-Dichloroethane	50.0	48.9		ug/Kg		98	64 - 126
1,2-Dichloropropane	50.0	49.6		ug/Kg		99	78 - 122
1,3,5-Trimethylbenzene	50.0	44.2		ug/Kg		88	76 - 124
1,3-Dichlorobenzene	50.0	46.0		ug/Kg		92	70 - 120
1,3-Dichloropropane	50.0	47.7		ug/Kg		95	76 - 120
1,4-Dichlorobenzene	50.0	46.8		ug/Kg		94	71 - 120
1,4-Dioxane	1000	1130		ug/Kg		113	51 - 140
2,2-Dichloropropane	50.0	39.0		ug/Kg		78	42 - 143
2-Chlorotoluene	50.0	45.3		ug/Kg		91	75 - 120
4-Chlorotoluene	50.0	46.8		ug/Kg		94	74 - 121
Benzene	50.0	46.6		ug/Kg		93	74 - 123
Bromobenzene	50.0	47.0		ug/Kg		94	75 - 120
Bromochloromethane	50.0	51.2		ug/Kg		102	72 - 124
Bromodichloromethane	50.0	50.1		ug/Kg		100	63 - 132
Bromoform	50.0	54.6		ug/Kg		109	46 - 137
Bromomethane	20.0	19.9		ug/Kg		99	10 - 152
Carbon tetrachloride	50.0	42.4		ug/Kg		85	56 - 139
Chlorobenzene	50.0	46.0		ug/Kg		92	80 - 120
Chlorodibromomethane	50.0	51.8		ug/Kg		104	58 - 131
Chloroethane	20.0	18.4		ug/Kg		92	15 - 155
Chloroform	50.0	47.2		ug/Kg		94	72 - 124
Chloromethane	20.0	18.8		ug/Kg		94	45 - 128
cis-1,2-Dichloroethene	50.0	48.4		ug/Kg		97	74 - 123
Dibromomethane	50.0	51.0		ug/Kg		102	71 - 122
Dichlorodifluoromethane	20.0	13.5		ug/Kg		67	26 - 138

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

Lab Sample ID: LCS 240-346549/5
Matrix: Solid
Analysis Batch: 346549

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	50.0	46.4		ug/Kg		93	76 - 120
Hexachlorobutadiene	50.0	32.0		ug/Kg		64	58 - 122
Isopropylbenzene	50.0	46.6		ug/Kg		93	77 - 124
Methylene Chloride	50.0	45.0		ug/Kg		90	62 - 137
Naphthalene	50.0	45.5		ug/Kg		91	51 - 120
n-Butylbenzene	50.0	38.8		ug/Kg		78	64 - 133
N-Propylbenzene	50.0	45.0		ug/Kg		90	73 - 129
p-Isopropyltoluene	50.0	41.4		ug/Kg		83	74 - 124
sec-Butylbenzene	50.0	43.9		ug/Kg		88	73 - 126
Styrene	50.0	44.9		ug/Kg		90	76 - 121
tert-Butylbenzene	50.0	44.8		ug/Kg		90	73 - 122
Tetrachloroethene	50.0	40.8		ug/Kg		82	76 - 120
Toluene	50.0	44.8		ug/Kg		90	76 - 120
trans-1,2-Dichloroethene	50.0	46.6		ug/Kg		93	71 - 133
Trichloroethene	50.0	49.4		ug/Kg		99	73 - 126
Trichlorofluoromethane	20.0	15.5		ug/Kg		77	47 - 146
Vinyl chloride	20.0	16.7		ug/Kg		83	52 - 130
Xylenes, Total	100	92.8		ug/Kg		93	79 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*48 - 123*
4-Bromofluorobenzene (Surr)	*91*		*49 - 141*
Dibromofluoromethane (Surr)	*93*		*49 - 132*
Toluene-d8 (Surr)	*90*		*62 - 135*

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

Lab Sample ID: MB 400-412719/21-A
Matrix: Solid
Analysis Batch: 412657

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 412719

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.0		1.0		ug/Kg		09/24/18 15:00	09/24/18 16:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*120*		*50 - 150*	*09/24/18 15:00*	*09/24/18 16:56*	*1*
4-Bromofluorobenzene	*88*		*50 - 150*	*09/24/18 15:00*	*09/24/18 16:56*	*1*
Toluene-d8 (Surr)	*81*		*50 - 150*	*09/24/18 15:00*	*09/24/18 16:56*	*1*

Lab Sample ID: LCS 400-412719/22-A
Matrix: Solid
Analysis Batch: 412657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 412719

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	9.79		ug/Kg		98	40 - 160

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

Lab Sample ID: LCS 400-412719/22-A
Matrix: Solid
Analysis Batch: 412657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 412719

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*106*		*50 - 150*
4-Bromofluorobenzene	*84*		*50 - 150*
Toluene-d8 (Surr)	*83*		*50 - 150*

Lab Sample ID: LCSD 400-412719/23-A
Matrix: Solid
Analysis Batch: 412657

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 412719

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	12.6		ug/Kg		126	40 - 160	25	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane	*107*		*50 - 150*
4-Bromofluorobenzene	*85*		*50 - 150*
Toluene-d8 (Surr)	*83*		*50 - 150*

Method: Moisture - Percent Moisture

Lab Sample ID: 240-101492-3 DU
Matrix: Solid
Analysis Batch: 346975

Client Sample ID: SB-300-8-10-0918
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	87.2			86.4		%				0.9	20

Lab Sample ID: 240-101492-13 DU
Matrix: Solid
Analysis Batch: 346975

Client Sample ID: SB-305-0-2-0918
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	85.9			85.6		%				0.3	20

QC Association Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

GC/MS VOA

Prep Batch: 346225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101492-8	SB-303-13-15-0918	Total/NA	Solid	5035	
240-101492-11	SB-304-8-10-0918	Total/NA	Solid	5035	
240-101492-12	SB-304-13-15-0918	Total/NA	Solid	5035	
240-101492-13	SB-305-0-2-0918	Total/NA	Solid	5035	
240-101492-14	SB-305-3-5-0918	Total/NA	Solid	5035	
MB 240-346225/1-A	Method Blank	Total/NA	Solid	5035	
LCS 240-346225/2-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 346319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101492-1	SB-300-0-2-0918	Total/NA	Solid	8260B	346396
240-101492-2	SB-300-3-5-0918	Total/NA	Solid	8260B	346396
MB 240-346319/6	Method Blank	Total/NA	Solid	8260B	
LCS 240-346319/5	Lab Control Sample	Total/NA	Solid	8260B	

Prep Batch: 346396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101492-1	SB-300-0-2-0918	Total/NA	Solid	5035	
240-101492-2	SB-300-3-5-0918	Total/NA	Solid	5035	
240-101492-3	SB-300-8-10-0918	Total/NA	Solid	5035	
240-101492-4	SB-300-13-15-0918	Total/NA	Solid	5035	
240-101492-5	SB-303-0-2-15-0918	Total/NA	Solid	5035	
240-101492-6	SB-303-3-5-0918	Total/NA	Solid	5035	
240-101492-7	SB-303-8-10-0918	Total/NA	Solid	5035	
240-101492-9	SB-304-0-2-0918	Total/NA	Solid	5035	
240-101492-10	SB-304-3-5-0918	Total/NA	Solid	5035	
240-101492-15	SB-305-8-10-0918	Total/NA	Solid	5035	
240-101492-16	SB-305-13-15-0918	Total/NA	Solid	5035	
240-101492-17	SB-306-0-2-0918	Total/NA	Solid	5035	
240-101492-18	SB-306-3-5-0918	Total/NA	Solid	5035	
240-101492-19	SB-306-8-10-0918	Total/NA	Solid	5035	
240-101492-20	SB-306-13-15-0918	Total/NA	Solid	5035	

Analysis Batch: 346549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101492-3	SB-300-8-10-0918	Total/NA	Solid	8260B	346396
240-101492-4	SB-300-13-15-0918	Total/NA	Solid	8260B	346396
240-101492-5	SB-303-0-2-15-0918	Total/NA	Solid	8260B	346396
240-101492-6	SB-303-3-5-0918	Total/NA	Solid	8260B	346396
240-101492-7	SB-303-8-10-0918	Total/NA	Solid	8260B	346396
240-101492-9	SB-304-0-2-0918	Total/NA	Solid	8260B	346396
240-101492-10	SB-304-3-5-0918	Total/NA	Solid	8260B	346396
240-101492-15	SB-305-8-10-0918	Total/NA	Solid	8260B	346396
240-101492-16	SB-305-13-15-0918	Total/NA	Solid	8260B	346396
240-101492-17	SB-306-0-2-0918	Total/NA	Solid	8260B	346396
240-101492-18	SB-306-3-5-0918	Total/NA	Solid	8260B	346396
240-101492-19	SB-306-8-10-0918	Total/NA	Solid	8260B	346396
240-101492-20	SB-306-13-15-0918	Total/NA	Solid	8260B	346396
MB 240-346549/6	Method Blank	Total/NA	Solid	8260B	
LCS 240-346549/5	Lab Control Sample	Total/NA	Solid	8260B	

GC/MS VOA (Continued)

Analysis Batch: 346551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101492-8	SB-303-13-15-0918	Total/NA	Solid	8260B	346225
240-101492-11	SB-304-8-10-0918	Total/NA	Solid	8260B	346225
240-101492-12	SB-304-13-15-0918	Total/NA	Solid	8260B	346225
240-101492-13	SB-305-0-2-0918	Total/NA	Solid	8260B	346225
240-101492-14	SB-305-3-5-0918	Total/NA	Solid	8260B	346225
MB 240-346225/1-A	Method Blank	Total/NA	Solid	8260B	346225
LCS 240-346225/2-A	Lab Control Sample	Total/NA	Solid	8260B	346225

Analysis Batch: 412657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101492-1	SB-300-0-2-0918	Total/NA	Solid	8260B SIM	412719
240-101492-2	SB-300-3-5-0918	Total/NA	Solid	8260B SIM	412719
240-101492-3	SB-300-8-10-0918	Total/NA	Solid	8260B SIM	412719
240-101492-4	SB-300-13-15-0918	Total/NA	Solid	8260B SIM	412719
240-101492-5	SB-303-0-2-15-0918	Total/NA	Solid	8260B SIM	412719
240-101492-6	SB-303-3-5-0918	Total/NA	Solid	8260B SIM	412719
240-101492-7	SB-303-8-10-0918	Total/NA	Solid	8260B SIM	412719
240-101492-8	SB-303-13-15-0918	Total/NA	Solid	8260B SIM	412719
240-101492-9	SB-304-0-2-0918	Total/NA	Solid	8260B SIM	412719
240-101492-10	SB-304-3-5-0918	Total/NA	Solid	8260B SIM	412719
240-101492-11	SB-304-8-10-0918	Total/NA	Solid	8260B SIM	412719
240-101492-12	SB-304-13-15-0918	Total/NA	Solid	8260B SIM	412719
240-101492-13	SB-305-0-2-0918	Total/NA	Solid	8260B SIM	412719
240-101492-14	SB-305-3-5-0918	Total/NA	Solid	8260B SIM	412719
240-101492-15	SB-305-8-10-0918	Total/NA	Solid	8260B SIM	412719
240-101492-16	SB-305-13-15-0918	Total/NA	Solid	8260B SIM	412719
240-101492-17	SB-306-0-2-0918	Total/NA	Solid	8260B SIM	412719
240-101492-18	SB-306-3-5-0918	Total/NA	Solid	8260B SIM	412719
240-101492-19	SB-306-8-10-0918	Total/NA	Solid	8260B SIM	412719
240-101492-20	SB-306-13-15-0918	Total/NA	Solid	8260B SIM	412719
MB 400-412719/21-A	Method Blank	Total/NA	Solid	8260B SIM	412719
LCS 400-412719/22-A	Lab Control Sample	Total/NA	Solid	8260B SIM	412719
LCSD 400-412719/23-A	Lab Control Sample Dup	Total/NA	Solid	8260B SIM	412719

Prep Batch: 412719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101492-1	SB-300-0-2-0918	Total/NA	Solid	5035	
240-101492-2	SB-300-3-5-0918	Total/NA	Solid	5035	
240-101492-3	SB-300-8-10-0918	Total/NA	Solid	5035	
240-101492-4	SB-300-13-15-0918	Total/NA	Solid	5035	
240-101492-5	SB-303-0-2-15-0918	Total/NA	Solid	5035	
240-101492-6	SB-303-3-5-0918	Total/NA	Solid	5035	
240-101492-7	SB-303-8-10-0918	Total/NA	Solid	5035	
240-101492-8	SB-303-13-15-0918	Total/NA	Solid	5035	
240-101492-9	SB-304-0-2-0918	Total/NA	Solid	5035	
240-101492-10	SB-304-3-5-0918	Total/NA	Solid	5035	
240-101492-11	SB-304-8-10-0918	Total/NA	Solid	5035	
240-101492-12	SB-304-13-15-0918	Total/NA	Solid	5035	
240-101492-13	SB-305-0-2-0918	Total/NA	Solid	5035	
240-101492-14	SB-305-3-5-0918	Total/NA	Solid	5035	
240-101492-15	SB-305-8-10-0918	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 412719 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101492-16	SB-305-13-15-0918	Total/NA	Solid	5035	
240-101492-17	SB-306-0-2-0918	Total/NA	Solid	5035	
240-101492-18	SB-306-3-5-0918	Total/NA	Solid	5035	
240-101492-19	SB-306-8-10-0918	Total/NA	Solid	5035	
240-101492-20	SB-306-13-15-0918	Total/NA	Solid	5035	
MB 400-412719/21-A	Method Blank	Total/NA	Solid	5035	
LCS 400-412719/22-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 400-412719/23-A	Lab Control Sample Dup	Total/NA	Solid	5035	

General Chemistry

Analysis Batch: 346975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101492-1	SB-300-0-2-0918	Total/NA	Solid	Moisture	
240-101492-2	SB-300-3-5-0918	Total/NA	Solid	Moisture	
240-101492-3	SB-300-8-10-0918	Total/NA	Solid	Moisture	
240-101492-4	SB-300-13-15-0918	Total/NA	Solid	Moisture	
240-101492-5	SB-303-0-2-15-0918	Total/NA	Solid	Moisture	
240-101492-6	SB-303-3-5-0918	Total/NA	Solid	Moisture	
240-101492-7	SB-303-8-10-0918	Total/NA	Solid	Moisture	
240-101492-8	SB-303-13-15-0918	Total/NA	Solid	Moisture	
240-101492-9	SB-304-0-2-0918	Total/NA	Solid	Moisture	
240-101492-10	SB-304-3-5-0918	Total/NA	Solid	Moisture	
240-101492-11	SB-304-8-10-0918	Total/NA	Solid	Moisture	
240-101492-12	SB-304-13-15-0918	Total/NA	Solid	Moisture	
240-101492-13	SB-305-0-2-0918	Total/NA	Solid	Moisture	
240-101492-14	SB-305-3-5-0918	Total/NA	Solid	Moisture	
240-101492-15	SB-305-8-10-0918	Total/NA	Solid	Moisture	
240-101492-16	SB-305-13-15-0918	Total/NA	Solid	Moisture	
240-101492-17	SB-306-0-2-0918	Total/NA	Solid	Moisture	
240-101492-18	SB-306-3-5-0918	Total/NA	Solid	Moisture	
240-101492-19	SB-306-8-10-0918	Total/NA	Solid	Moisture	
240-101492-20	SB-306-13-15-0918	Total/NA	Solid	Moisture	
240-101492-3 DU	SB-300-8-10-0918	Total/NA	Solid	Moisture	
240-101492-13 DU	SB-305-0-2-0918	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-300-0-2-0918 — Lab Sample ID: 240-101492-1

Date Collected: 09/18/18 15:40 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 16:51	BLW	TAL CAN

Client Sample ID: SB-300-0-2-0918 — Lab Sample ID: 240-101492-1

Date Collected: 09/18/18 15:40 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 86.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346319	09/20/18 20:10	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/24/18 18:12	CAR	TAL PEN

Client Sample ID: SB-300-3-5-0918 — Lab Sample ID: 240-101492-2

Date Collected: 09/18/18 15:50 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 16:51	BLW	TAL CAN

Client Sample ID: SB-300-3-5-0918 — Lab Sample ID: 240-101492-2

Date Collected: 09/18/18 15:50 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 87.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346319	09/20/18 20:35	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/24/18 18:37	CAR	TAL PEN

Client Sample ID: SB-300-8-10-0918 — Lab Sample ID: 240-101492-3

Date Collected: 09/18/18 15:55 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 16:51	BLW	TAL CAN

Client Sample ID: SB-300-8-10-0918 — Lab Sample ID: 240-101492-3

Date Collected: 09/18/18 15:55 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 87.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-300-8-10-0918 — Lab Sample ID: 240-101492-3

Date Collected: 09/18/18 15:55 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 87.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	346549	09/21/18 14:02	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/24/18 19:03	CAR	TAL PEN

Client Sample ID: SB-300-13-15-0918 — Lab Sample ID: 240-101492-4

Date Collected: 09/18/18 15:45 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 16:51	BLW	TAL CAN

Client Sample ID: SB-300-13-15-0918 — Lab Sample ID: 240-101492-4

Date Collected: 09/18/18 15:45 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 87.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346549	09/21/18 14:28	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/24/18 19:28	CAR	TAL PEN

Client Sample ID: SB-303-0-2-15-0918 — Lab Sample ID: 240-101492-5

Date Collected: 09/18/18 11:45 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 16:51	BLW	TAL CAN

Client Sample ID: SB-303-0-2-15-0918 — Lab Sample ID: 240-101492-5

Date Collected: 09/18/18 11:45 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 87.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346549	09/21/18 14:53	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/24/18 19:53	CAR	TAL PEN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-303-3-5-0918 — Lab Sample ID: 240-101492-6

Date Collected: 09/18/18 11:55 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 16:51	BLW	TAL CAN

Client Sample ID: SB-303-3-5-0918 — Lab Sample ID: 240-101492-6

Date Collected: 09/18/18 11:55 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 87.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346549	09/21/18 19:10	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/24/18 20:18	CAR	TAL PEN

Client Sample ID: SB-303-8-10-0918 — Lab Sample ID: 240-101492-7

Date Collected: 09/18/18 12:05 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 16:51	BLW	TAL CAN

Client Sample ID: SB-303-8-10-0918 — Lab Sample ID: 240-101492-7

Date Collected: 09/18/18 12:05 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 86.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346549	09/21/18 15:19	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/24/18 20:43	CAR	TAL PEN

Client Sample ID: SB-303-13-15-0918 — Lab Sample ID: 240-101492-8

Date Collected: 09/18/18 13:25 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 16:51	BLW	TAL CAN

Client Sample ID: SB-303-13-15-0918 — Lab Sample ID: 240-101492-8

Date Collected: 09/18/18 13:25 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 86.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346225	09/19/18 22:25	LAM	TAL CAN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-303-13-15-0918 — Lab Sample ID: 240-101492-8

Date Collected: 09/18/18 13:25 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 86.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	346551	09/21/18 15:53	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/24/18 21:08	CAR	TAL PEN

Client Sample ID: SB-304-0-2-0918 — Lab Sample ID: 240-101492-9

Date Collected: 09/18/18 10:35 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 16:51	BLW	TAL CAN

Client Sample ID: SB-304-0-2-0918 — Lab Sample ID: 240-101492-9

Date Collected: 09/18/18 10:35 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 85.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346549	09/21/18 15:45	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/24/18 21:34	CAR	TAL PEN

Client Sample ID: SB-304-3-5-0918 — Lab Sample ID: 240-101492-10

Date Collected: 09/18/18 10:40 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 17:17	BLW	TAL CAN

Client Sample ID: SB-304-3-5-0918 — Lab Sample ID: 240-101492-10

Date Collected: 09/18/18 10:40 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 86.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346549	09/21/18 16:10	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/24/18 21:59	CAR	TAL PEN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-304-8-10-0918 — Lab Sample ID: 240-101492-11

Date Collected: 09/18/18 10:55 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 17:17	BLW	TAL CAN

Client Sample ID: SB-304-8-10-0918 — Lab Sample ID: 240-101492-11

Date Collected: 09/18/18 10:55 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 85.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346225	09/19/18 22:25	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346551	09/21/18 16:14	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/24/18 22:24	CAR	TAL PEN

Client Sample ID: SB-304-13-15-0918 — Lab Sample ID: 240-101492-12

Date Collected: 09/18/18 11:05 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 17:17	BLW	TAL CAN

Client Sample ID: SB-304-13-15-0918 — Lab Sample ID: 240-101492-12

Date Collected: 09/18/18 11:05 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 83.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346225	09/19/18 22:25	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346551	09/21/18 16:36	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		50	412657	09/25/18 02:11	CAR	TAL PEN

Client Sample ID: SB-305-0-2-0918 — Lab Sample ID: 240-101492-13

Date Collected: 09/18/18 09:10 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 17:17	BLW	TAL CAN

Client Sample ID: SB-305-0-2-0918 — Lab Sample ID: 240-101492-13

Date Collected: 09/18/18 09:10 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 85.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346225	09/19/18 22:25	LAM	TAL CAN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-305-0-2-0918 — Lab Sample ID: 240-101492-13

Date Collected: 09/18/18 09:10 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 85.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	346551	09/21/18 16:57	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/24/18 22:49	CAR	TAL PEN

Client Sample ID: SB-305-3-5-0918 — Lab Sample ID: 240-101492-14

Date Collected: 09/18/18 09:20 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 17:17	BLW	TAL CAN

Client Sample ID: SB-305-3-5-0918 — Lab Sample ID: 240-101492-14

Date Collected: 09/18/18 09:20 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 84.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346225	09/19/18 22:25	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346551	09/21/18 17:18	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/24/18 23:15	CAR	TAL PEN

Client Sample ID: SB-305-8-10-0918 — Lab Sample ID: 240-101492-15

Date Collected: 09/18/18 09:30 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 17:17	BLW	TAL CAN

Client Sample ID: SB-305-8-10-0918 — Lab Sample ID: 240-101492-15

Date Collected: 09/18/18 09:30 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 85.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346549	09/21/18 16:36	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/24/18 23:40	CAR	TAL PEN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-305-13-15-0918 — Lab Sample ID: 240-101492-16

Date Collected: 09/18/18 09:40 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 17:17	BLW	TAL CAN

Client Sample ID: SB-305-13-15-0918 — Lab Sample ID: 240-101492-16

Date Collected: 09/18/18 09:40 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 86.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346549	09/21/18 17:01	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/25/18 00:05	CAR	TAL PEN

Client Sample ID: SB-306-0-2-0918 — Lab Sample ID: 240-101492-17

Date Collected: 09/18/18 14:00 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 17:17	BLW	TAL CAN

Client Sample ID: SB-306-0-2-0918 — Lab Sample ID: 240-101492-17

Date Collected: 09/18/18 14:00 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 85.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346549	09/21/18 17:27	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/25/18 00:30	CAR	TAL PEN

Client Sample ID: SB-306-3-5-0918 — Lab Sample ID: 240-101492-18

Date Collected: 09/18/18 14:20 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 17:17	BLW	TAL CAN

Client Sample ID: SB-306-3-5-0918 — Lab Sample ID: 240-101492-18

Date Collected: 09/18/18 14:20 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 88.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Client Sample ID: SB-306-3-5-0918 — Lab Sample ID: 240-101492-18

Date Collected: 09/18/18 14:20 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 88.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	346549	09/21/18 17:53	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/25/18 00:56	CAR	TAL PEN

Client Sample ID: SB-306-8-10-0918 — Lab Sample ID: 240-101492-19

Date Collected: 09/18/18 14:45 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 17:17	BLW	TAL CAN

Client Sample ID: SB-306-8-10-0918 — Lab Sample ID: 240-101492-19

Date Collected: 09/18/18 14:45 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 87.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346549	09/21/18 18:19	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/25/18 01:21	CAR	TAL PEN

Client Sample ID: SB-306-13-15-0918 — Lab Sample ID: 240-101492-20

Date Collected: 09/18/18 14:40 — **Matrix: Solid**
Date Received: 09/19/18 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	346975	09/24/18 17:17	BLW	TAL CAN

Client Sample ID: SB-306-13-15-0918 — Lab Sample ID: 240-101492-20

Date Collected: 09/18/18 14:40 — **Matrix: Solid**
Date Received: 09/19/18 09:20 — **Percent Solids: 85.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/19/18 22:14	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346549	09/21/18 18:45	SAM	TAL CAN
Total/NA	Prep	5035			412719	09/24/18 15:00	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	412657	09/25/18 01:46	CAR	TAL PEN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396
TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Laboratory: TestAmerica Canton

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2927	02-23-19
Connecticut	State Program	1	PH-0590	12-31-19
Florida	NELAP	4	E87225	06-30-19
Illinois	NELAP	5	200004	07-31-19
Kansas	NELAP	7	E-10336	01-31-19
Kentucky (UST)	State Program	4	58	02-23-19
Kentucky (WW)	State Program	4	98016	12-31-18 *
Minnesota	NELAP	5	039-999-348	12-31-18 *
Minnesota (Petrofund)	State Program	1	3506	07-31-19
Nevada	State Program	9	OH00048	07-31-19
New Jersey	NELAP	2	OH001	06-30-19
New York	NELAP	2	10975	03-31-19
Ohio VAP	State Program	5	CL0024	09-06-19
Oregon	NELAP	10	4062	02-23-19
Pennsylvania	NELAP	3	68-00340	08-31-19 *
Texas	NELAP	6	T104704517-17-9	08-31-19
USDA	Federal		P330-16-00404	12-28-19
Virginia	NELAP	3	460175	09-14-19
Washington	State Program	10	C971	01-12-19
West Virginia DEP	State Program	3	210	12-31-18 *

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-19
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-19
California	State Program	9	2510	06-30-19
Florida	NELAP	4	E81010	06-30-19
Georgia	State Program	4	E81010 (FL)	06-30-19
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18 *
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-19
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-19
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-19
Massachusetts	State Program	1	M-FL094	06-30-19
Michigan	State Program	5	9912	06-30-19
New Jersey	NELAP	2	FL006	06-30-19
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-19
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18 *
Tennessee	State Program	4	TN02907	06-30-19
Texas	NELAP	6	T104704286-18-14	09-30-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101492-1

Laboratory: TestAmerica Pensacola (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
US Fish & Wildlife	Federal		LE058448-0	07-31-19
USDA	Federal		P330-18-00148	05-17-21
Virginia	NELAP	3	460166	06-14-19
Washington	State Program	10	C915	05-15-19
West Virginia DEP	State Program	3	136	06-30-19

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

TestAmerica

Client Information	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-54479-23466.1
Client Contact: Ms. Rhonda Quinn	Phone:	E-Mail: patrick.omeara@testamericainc.com		Page: Page 1 of 2
Company: Wood E&I Solutions Inc				Job #:
Address: 1075 Big Shanty Road, NW Suite 100	Due Date Requested:			
City: Kennesaw	TAT Requested (days):			
State, Zip: GA, 30144				
Phone: 770-421-3516(Tel) 770-421-3486(Fax)	PO #: Purchase Order Requested			
Email: rhonda.quinn@woodplc.com	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C_SIM - 1,4-Dioxane-Nashville	8260B - (MOD) Custom Sublist VOCs-FAP	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SB-300-0-2-0918	9-18-18	1540	G	Solid			X		4	one bottle for moisture
SB-300-3-5-0918		1550		Solid			X		4	
SB-300-8-10-0918		1555		Solid			X		4	
SB-300-13-15-0918		1545		Solid			X		4	
SB-300-0-2-0918		1540		Solid				X	4	
SB-300-3-5-0918		1550		Solid				X	4	
SB-300-8-10-0918		1555		Solid				X	4	
SB-300-13-15-0918		1545		Solid				X	4	
				Solid						
				Solid						
				Solid						

240-101492 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

A.S.

Empty Kit Relinquished by:	Date: 9-18-18	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 9-18-18/20:30	Company: WOOD	Received by:	Date/Time: 9/19/18 920	Company: TA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

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

Ver: 08/04/2016

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

2.0/C2.9 1.2/C2.1 3.2/C4.1
0.6/C1.5
3.4/C4.3

Chain of Custody Record

TestAmerica

Client Information	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-54479-23466.1
Client Contact: Ms. Rhonda Quinn	Phone:	E-Mail: patrick.omeara@testamericainc.com		Page: Page 1 of 2
Company: Wood E&I Solutions Inc				Job #:
Address: 1075 Big Shanty Road, NW Suite 100	Due Date Requested:			
City: Kennesaw	TAT Requested (days):			
State, Zip: GA, 30144				
Phone: 770-421-3516(Tel) 770-421-3486(Fax)	PO #: Purchase Order Requested			
Email: rhonda.quinn@woodplc.com	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C_SIM - 1,4-Dioxane-Nashville	8260B - (MOD) Custom Sublist VOCs-FAP	Total Number of containers	Special Instructions/Note:
			Preservation Code				N+F	N+F		
SB-303-0-2-0918	9-18-18	1145	G	Solid			X		4	One bottle for moisture
SB-303-3-5-0918	9-18-18	1155	G	Solid			X		4	
SB-303-8-10-0918	9-18-18	1205	G	Solid			X		4	
SB-303-13-15-0918	9-18-18	1325	G	Solid			X		4	
SB-303-0-2-0918	9-18-18	1145	G	Solid				X	4	
SB-303-3-5-0918	9-18-18	1155	G	Solid				X	4	
SB-303-8-10-0918	9-18-18	1205	G	Solid				X	4	
SB-303-13-15-0918	9-18-18	1325	G	Solid				X	4	
				Solid						
				Solid						
				Solid						

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: ~~9-18-18~~ M.S.	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 9-18-18/20:30	Company: WOOD	Received by:	Date/Time: 9/19/18 920	Company: TAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 08/04/2016

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

TestAmerica

Client Information	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-54479-23466.1
Client Contact: Ms. Rhonda Quinn	Phone:	E-Mail: patrick.omeara@testamericainc.com		Page: Page 1 of 2
Company: Wood E&I Solutions Inc				Job #:
Address: 1075 Big Shanty Road, NW Suite 100	Due Date Requested:			
City: Kennesaw	TAT Requested (days):			
State, Zip: GA, 30144				
Phone: 770-421-3516(Tel) 770-421-3486(Fax)	PO #: Purchase Order Requested			
Email: rhonda.quinn@woodplc.com	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C_SIM - 1,4-Dioxane-Nashville	8260B - (MOD) Custom Sublist VOCs-FAP	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	X	
SB-304-0-2-0918	9-18-18	1035	G	Solid			X			One bottle for moisture
SB-304-3-5-0918		1040		Solid			X			
SB-304-8-10-0918		1055		Solid			X			
SB-304-13-15-0918		1105		Solid			X			
SB-304-0-2-0918		1035		Solid				X		
SB-304-3-5-0918		1040		Solid				X		
SB-304-8-10-0918		1055		Solid				X		
SB-304-13-15-0918		1105		Solid				X		
				Solid						
				Solid						
				Solid						

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: ~~9-18-18~~	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	9-18-18/20:30	WOOD		9/19/18 820	TAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 08/04/2016

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

TestAmerica

Client Information	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-54479-23466.1
Client Contact: Ms. Rhonda Quinn	Phone:	E-Mail: patrick.omeara@testamericainc.com		Page: Page 1 of 2
Company: Wood E&I Solutions Inc				Job #:
Address: 1075 Big Shanty Road, NW, Suite 100	Due Date Requested:			
City: Kennesaw	TAT Requested (days):			
State, Zip: GA, 30144				
Phone: 770-421-3516(Tel) 770-421-3486(Fax)	PO #: Purchase Order Requested			
Email: rhonda.quinn@woodplc.com	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C_SIM - 1,4-Dioxane-Nashville	8260B - (MOD) Custom Sublist VOCs-FAP	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N+F	N+F		
SB-305-0-2-0918	9-18-18	0910	G	Solid			X		4	one bottle for moisture
SB-305-3-5-0918		0920		Solid			X		4	
SB-305-8-10-0918		0930		Solid			X		4	
SB-305-13-15-0918		0940		Solid			X		4	
SB-305-0-2-0918		0910		Solid				X	4	
SB-305-3-5-0918		0920		Solid				X	4	
SB-305-8-10-0918		0930		Solid				X	4	
SB-305-13-15-0918		0940		Solid				X	4	
				Solid						
				Solid						
				Solid						

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

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

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

Special Instructions/QC Requirements: A.S.

Empty Kit Relinquished by: A.S. Date: ~~9-18-18~~ Time: 20:30 Method of Shipment: FEDEX

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	9-18-18/20:30	WOOD	[signature]	9/19/18 920	TK
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

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

Ver: 08/04/2016

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

TestAmerica

Client Information	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-54479-23466.2
Client Contact: Ms. Rhonda Quinn	Phone:	E-Mail: patrick.omeara@testamericainc.com		Page: Page 2 of 2
Company: Wood E&I Solutions Inc				Job #:
Address: 1075 Big Shanty Road, NW Suite 100	Due Date Requested:			
City: Kennesaw	TAT Requested (days):			
State, Zip: GA, 30144				
Phone: 770-421-3516(Tel) 770-421-3486(Fax)	PO #: Purchase Order Requested			
Email: rhonda.quinn@woodplc.com	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C_SIM - 1,4-Dioxane-Nashville	8260B - (MOD) Custom Sublist VOCs-FAP	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SB-306-0-2-0918	9-18-18	1400	G	Solid			X		4	One bottle for moisture
SB-306-3-5-0918	↓	1420	↓	Solid			X		4	↓
SB-306-8-10-0918	↓	1445	↓	Solid			X		4	↓
SB-306-13-15-0918	↓	1440	↓	Solid			X		4	↓
SB-306-0-2-0918	↓	1400	↓	Solid				X	4	↓
SB-306-3-5-0918	↓	1420	↓	Solid				X	4	↓
SB-306-8-10-0918	↓	1445	↓	Solid				X	4	↓
SB-306-13-15-0918	↓	1440	↓	Solid				X	4	↓
				Solid						

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: ~~9-18-18~~ 9-18-18	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 9-18-18/2030	Company:	Received by:	Date/Time: 9/19/18 920	Company: TAL
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

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

Ver. 08/01/2016

TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 101492
Canton Facility

Client Wood E & I Site Name _____ Cooler unpacked by: DSD

Cooler Received on 9/19/18 Opened on 9/19/18

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # TA Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☒ See Multiple Cooler Form
   IR GUN# IR-8 (CF +0.9 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #36 (CF +0.6°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 each Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Are these work share samples? Yes No
    If yes, Questions 12-16 have been checked at the originating laboratory.
12. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC849161**
13. Were VOAs on the COC? Yes No
14. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
16. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: DSD

18. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

19. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____.

WI-NC-099

TestAmerica Multiple Cooler Receipt Form/Narrative
Canton Facility

Login # : 101492

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
TA	8	2.0	2.9	Ice
		0.6	1.5	
		1.2	2.1	
		3.4	4.3	
		3.2	4.1	

X:\X-Drive Document Control\SOPs\Work Instructions\Word Version Work Instructions\WI-NC-099H-071615 Cooler Receipt Form_page 2 - Multiple Coolers.doc rls

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-92729.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: patrick.omeara@testamericainc.com	State of Origin: Georgia	Page: Page 1 of 3
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note):		Job #: 240-101492-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 10/1/2018			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #:			
Email:	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_SIM/5035A_FP (MOD) 1,4-Dioxane-Pensacola	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-300-0-2-0918 (240-101492-1)	9/18/18	15:40 Eastern		Solid			X	3	
SB-300-3-5-0918 (240-101492-2)	9/18/18	15:50 Eastern		Solid			X	3	
SB-300-8-10-0918 (240-101492-3)	9/18/18	15:55 Eastern		Solid			X	3	
SB-300-13-15-0918 (240-101492-4)	9/18/18	15:45 Eastern		Solid			X	3	
SB-303-0-2-15-0918 (240-101492-5)	9/18/18	11:45 Eastern		Solid			X	3	
SB-303-3-5-0918 (240-101492-6)	9/18/18	11:55 Eastern		Solid			X	3	
SB-303-8-10-0918 (240-101492-7)	9/18/18	12:05 Eastern		Solid			X	3	
SB-303-13-15-0918 (240-101492-8)	9/18/18	13:25 Eastern		Solid			X	3	
SB-304-0-2-0918 (240-101492-9)	9/18/18	10:35 Eastern		Solid			X	3	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: R/ [illegible]	Date/Time: 9/19/18 1529	Company TA 240	Received by: [illegible]	Date/Time: 9/20/18 0949	Company TA Pen
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 0.0°C IR7		

Ver: 09/20/2016

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-92729.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: patrick.omeara@testamericainc.com	State of Origin: Georgia	Page: Page 2 of 3
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note):		Job #: 240-101492-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 10/1/2018			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #:			
Email:	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_SIM/5035A_FP (MOD) 1,4-Dioxane-Pensacola	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-304-3-5-0918 (240-101492-10)	9/18/18	10:40 Eastern		Solid			X	3	
SB-304-8-10-0918 (240-101492-11)	9/18/18	10:55 Eastern		Solid			X	3	
SB-304-13-15-0918 (240-101492-12)	9/18/18	11:05 Eastern		Solid			X	3	
SB-305-0-2-0918 (240-101492-13)	9/18/18	09:10 Eastern		Solid			X	3	
SB-305-3-5-0918 (240-101492-14)	9/18/18	09:20 Eastern		Solid			X	3	
SB-305-8-10-0918 (240-101492-15)	9/18/18	09:30 Eastern		Solid			X	3	
SB-305-13-15-0918 (240-101492-16)	9/18/18	09:40 Eastern		Solid			X	3	
SB-306-0-2-0918 (240-101492-17)	9/18/18	14:00 Eastern		Solid			X	3	
SB-306-3-5-0918 (240-101492-18)	9/18/18	14:20 Eastern		Solid			X	3	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. I

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
R. Cobra	9/19/18 - 1529	240	[illegible]	9/20/18 0949	TAPGW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 09/20/2016

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-92729.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: patrick.omeara@testamericainc.com	State of Origin: Georgia	Page: Page 3 of 3
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note):		Job #: 240-101492-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 10/1/2018			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #:			
Email:	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_SIM/5035A_FP (MOD) 1,4-Dioxane-Pensacola	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-306-8-10-0918 (240-101492-19)	9/18/18	14:45 Eastern		Solid			X	3	
SB-306-13-15-0918 (240-101492-20)	9/18/18	14:40 Eastern		Solid			X	3	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. I

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: R [illegible]	Date/Time: 9/19/18 - 1529	Company: 240	Received by:	Date/Time: 9/20/18 0949	Company: TA Gn
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 09/20/2016

Login Sample Receipt Checklist

Client: Wood E&I Solutions Inc

Job Number: 240-101492-1

Login Number: 101492
List Number: 2
Creator: Perez, Trina M

List Source: TestAmerica Pensacola
List Creation: 09/20/18 05:33 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-101545-1
Client Project/Site: Louisville, Ga - Thermo King

For:
Wood E&I Solutions Inc
1075 Big Shanty Road, NW
Suite 100
Kennesaw, Georgia 30144

Attn: Ms. Rhonda Quinn

Patrick O'Meara

Authorized for release by:
10/5/2018 9:38:06 AM

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.omeara@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Glossary

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

Job ID: 240-101545-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Wood E&I Solutions Inc

Project: Louisville, Ga - Thermo King

Report Number: 240-101545-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The 8260B Volatile Organic Compounds (GCMS SIM) analysis was performed at the TestAmerica Pensacola laboratory.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received at TestAmerica Canton on 9/20/2018 9:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 1.7º C, 2.9º C and 3.3º C.

The samples for 8260SIM analysis were received in TestAmerica Pensacola on 9/21/2018 9:19 AM. The temperature of the cooler at receipt time was 14.2º C. The dry ice shipped with the samples had evaporated in transit. One water vial for the following containers was received broken: SB-301-3-5-0918 (240-101545-2) and SB-308-3-5-0918 (240-101545-13).

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples SB-301-0-2-0918 (240-101545-1), SB-301-3-5-0918 (240-101545-2), SB-301-8-10-0918 (240-101545-3), SB-301-13-15-0918 (240-101545-4), DUP-01-0918 (240-101545-5), SB-307-0-2-0918 (240-101545-7), SB-307-3-5-0918 (240-101545-8), SB-307-8-10-0918 (240-101545-9), SB-307-13-15-0918 (240-101545-10), SB-308-0-2-0918 (240-101545-12), SB-308-3-5-0918 (240-101545-13), SB-308-8-10-0918 (240-101545-14) and SB-308-13-15-0918 (240-101545-15) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 09/20/2018 and analyzed on 09/25/2018.

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

Job ID: 240-101545-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

VOLATILE ORGANIC COMPOUNDS (GCMS)
Samples TB-01 (240-101545-6), TB-03 (240-101545-11) and TB-04 (240-101545-16) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/01/2018.

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

VOLATILE ORGANIC COMPOUNDS (GCMS SIM)
Samples SB-301-0-2-0918 (240-101545-1), SB-301-3-5-0918 (240-101545-2), SB-301-8-10-0918 (240-101545-3), SB-301-13-15-0918 (240-101545-4), DUP-01-0918 (240-101545-5), SB-307-0-2-0918 (240-101545-7), SB-307-3-5-0918 (240-101545-8), SB-307-8-10-0918 (240-101545-9), SB-307-13-15-0918 (240-101545-10), SB-308-0-2-0918 (240-101545-12), SB-308-3-5-0918 (240-101545-13), SB-308-8-10-0918 (240-101545-14) and SB-308-13-15-0918 (240-101545-15) were analyzed for volatile organic compounds (GCMS SIM) in accordance with EPA SW-846 Method 8260B SIM. The samples were prepared and analyzed on 09/25/2018.

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

PERCENT SOLIDS
Samples SB-301-0-2-0918 (240-101545-1), SB-301-3-5-0918 (240-101545-2), SB-301-8-10-0918 (240-101545-3), SB-301-13-15-0918 (240-101545-4), DUP-01-0918 (240-101545-5), SB-307-0-2-0918 (240-101545-7), SB-307-3-5-0918 (240-101545-8), SB-307-8-10-0918 (240-101545-9), SB-307-13-15-0918 (240-101545-10), SB-308-0-2-0918 (240-101545-12), SB-308-3-5-0918 (240-101545-13), SB-308-8-10-0918 (240-101545-14) and SB-308-13-15-0918 (240-101545-15) were analyzed for percent solids in accordance with ASTM Method D2216-80. The samples were analyzed on 09/25/2018.

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

Method Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8260B SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
Moisture	Percent Moisture	EPA	TAL CAN
5030B	Purge and Trap	SW846	TAL CAN
5035	Closed System Purge and Trap	SW846	TAL CAN
5035	Closed System Purge and Trap	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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

Sample Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-101545-1	SB-301-0-2-0918	Solid	09/19/18 09:05	09/20/18 09:15
240-101545-2	SB-301-3-5-0918	Solid	09/19/18 09:20	09/20/18 09:15
240-101545-3	SB-301-8-10-0918	Solid	09/19/18 08:55	09/20/18 09:15
240-101545-4	SB-301-13-15-0918	Solid	09/19/18 09:40	09/20/18 09:15
240-101545-5	DUP-01-0918	Solid	09/19/18 00:00	09/20/18 09:15
240-101545-6	TB-01	Water	09/19/18 00:00	09/20/18 09:15
240-101545-7	SB-307-0-2-0918	Solid	09/19/18 11:40	09/20/18 09:15
240-101545-8	SB-307-3-5-0918	Solid	09/19/18 12:00	09/20/18 09:15
240-101545-9	SB-307-8-10-0918	Solid	09/19/18 12:05	09/20/18 09:15
240-101545-10	SB-307-13-15-0918	Solid	09/19/18 11:45	09/20/18 09:15
240-101545-11	TB-03	Water	09/19/18 00:00	09/20/18 09:15
240-101545-12	SB-308-0-2-0918	Solid	09/19/18 13:45	09/20/18 09:15
240-101545-13	SB-308-3-5-0918	Solid	09/19/18 14:05	09/20/18 09:15
240-101545-14	SB-308-8-10-0918	Solid	09/19/18 14:25	09/20/18 09:15
240-101545-15	SB-308-13-15-0918	Solid	09/19/18 14:45	09/20/18 09:15
240-101545-16	TB-04	Water	09/19/18 00:00	09/20/18 09:15

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-301-0-2-0918

Date Collected: 09/19/18 09:05
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-1

Matrix: Solid
Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.3**		0.95		ug/Kg	☼	09/25/18 07:23	09/25/18 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*125*		*50 - 150*	*09/25/18 07:23*	*09/25/18 10:13*	*1*
4-Bromofluorobenzene	*88*		*50 - 150*	*09/25/18 07:23*	*09/25/18 10:13*	*1*
Toluene-d8 (Surr)	*79*		*50 - 150*	*09/25/18 07:23*	*09/25/18 10:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,1,1-Trichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,1,2,2-Tetrachloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,1,2-Trichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,1-Dichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,1-Dichloroethene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,1-Dichloropropene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,2,3-Trichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,2,3-Trichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,2,4-Trichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,2,4-Trimethylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,2-Dibromo-3-Chloropropane	<9.2		9.2		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,2-Dibromoethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,2-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,2-Dichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,2-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,3,5-Trimethylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,3-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,3-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,4-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
1,4-Dioxane	<37		37		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
2,2-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
2-Chlorotoluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
4-Chlorotoluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Benzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Bromobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Bromochloromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Bromodichloromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Bromoform	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Bromomethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Carbon tetrachloride	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Chlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Chlorodibromomethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Chloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Chloroform	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Chloromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
cis-1,2-Dichloroethene	**6.6**		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Dibromomethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Dichlorodifluoromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Ethylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Hexachlorobutadiene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-301-0-2-0918

Date Collected: 09/19/18 09:05
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-1

Matrix: Solid
Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Methylene Chloride	<23		23		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Naphthalene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
n-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
N-Propylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
p-Isopropyltoluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
sec-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Styrene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
tert-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Tetrachloroethene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Toluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
trans-1,2-Dichloroethene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Trichloroethene	**14**		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Trichlorofluoromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Vinyl chloride	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1
Xylenes, Total	<9.2		9.2		ug/Kg	☼	09/20/18 15:50	09/25/18 11:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*48 - 123*	*09/20/18 15:50*	*09/25/18 11:30*	*1*
4-Bromofluorobenzene (Surr)	*135*		*49 - 141*	*09/20/18 15:50*	*09/25/18 11:30*	*1*
Dibromofluoromethane (Surr)	*79*		*49 - 132*	*09/20/18 15:50*	*09/25/18 11:30*	*1*
Toluene-d8 (Surr)	*89*		*62 - 135*	*09/20/18 15:50*	*09/25/18 11:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**84.5**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-301-3-5-0918

Date Collected: 09/19/18 09:20
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-2

Matrix: Solid
Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.7**		0.84		ug/Kg	☼	09/25/18 07:23	09/25/18 10:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*125*		*50 - 150*	*09/25/18 07:23*	*09/25/18 10:38*	*1*
4-Bromofluorobenzene	*89*		*50 - 150*	*09/25/18 07:23*	*09/25/18 10:38*	*1*
Toluene-d8 (Surr)	*80*		*50 - 150*	*09/25/18 07:23*	*09/25/18 10:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,1,1-Trichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,1,2,2-Tetrachloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,1,2-Trichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,1-Dichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,1-Dichloroethene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,1-Dichloropropene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,2,3-Trichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,2,3-Trichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,2,4-Trichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,2,4-Trimethylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,2-Dibromo-3-Chloropropane	<9.2		9.2		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,2-Dibromoethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,2-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,2-Dichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,2-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,3,5-Trimethylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,3-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,3-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,4-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
1,4-Dioxane	<37		37		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
2,2-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
2-Chlorotoluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
4-Chlorotoluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Benzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Bromobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Bromochloromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Bromodichloromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Bromoform	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Bromomethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Carbon tetrachloride	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Chlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Chlorodibromomethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Chloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Chloroform	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Chloromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
cis-1,2-Dichloroethene	**9.5**		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Dibromomethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Dichlorodifluoromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Ethylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Hexachlorobutadiene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-301-3-5-0918

Date Collected: 09/19/18 09:20
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-2

Matrix: Solid
Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Methylene Chloride	<23		23		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Naphthalene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
n-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
N-Propylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
p-Isopropyltoluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
sec-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Styrene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
tert-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Tetrachloroethene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Toluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
trans-1,2-Dichloroethene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Trichloroethene	**16**		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Trichlorofluoromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Vinyl chloride	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1
Xylenes, Total	<9.2		9.2		ug/Kg	☼	09/20/18 15:50	09/25/18 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*48 - 123*	*09/20/18 15:50*	*09/25/18 11:52*	*1*
4-Bromofluorobenzene (Surr)	*133*		*49 - 141*	*09/20/18 15:50*	*09/25/18 11:52*	*1*
Dibromofluoromethane (Surr)	*83*		*49 - 132*	*09/20/18 15:50*	*09/25/18 11:52*	*1*
Toluene-d8 (Surr)	*89*		*62 - 135*	*09/20/18 15:50*	*09/25/18 11:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85.4**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-301-8-10-0918

Date Collected: 09/19/18 08:55
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-3

Matrix: Solid
Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.5**		0.86		ug/Kg	☼	09/25/18 07:23	09/25/18 11:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*127*		*50 - 150*	*09/25/18 07:23*	*09/25/18 11:03*	*1*
4-Bromofluorobenzene	*88*		*50 - 150*	*09/25/18 07:23*	*09/25/18 11:03*	*1*
Toluene-d8 (Surr)	*79*		*50 - 150*	*09/25/18 07:23*	*09/25/18 11:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,1,1-Trichloroethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,1,2,2-Tetrachloroethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,1,2-Trichloroethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,1-Dichloroethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,1-Dichloroethene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,1-Dichloropropene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,2,3-Trichlorobenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,2,3-Trichloropropane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,2,4-Trichlorobenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,2,4-Trimethylbenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,2-Dibromo-3-Chloropropane	<8.2		8.2		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,2-Dibromoethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,2-Dichlorobenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,2-Dichloroethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,2-Dichloropropane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,3,5-Trimethylbenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,3-Dichlorobenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,3-Dichloropropane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,4-Dichlorobenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
1,4-Dioxane	<33		33		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
2,2-Dichloropropane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
2-Chlorotoluene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
4-Chlorotoluene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Benzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Bromobenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Bromochloromethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Bromodichloromethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Bromoform	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Bromomethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Carbon tetrachloride	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Chlorobenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Chlorodibromomethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Chloroethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Chloroform	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Chloromethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
cis-1,2-Dichloroethene	**12**		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Dibromomethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Dichlorodifluoromethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Ethylbenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Hexachlorobutadiene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-301-8-10-0918

Date Collected: 09/19/18 08:55
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-3

Matrix: Solid
Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Methylene Chloride	<21		21		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Naphthalene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
n-Butylbenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
N-Propylbenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
p-Isopropyltoluene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
sec-Butylbenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Styrene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
tert-Butylbenzene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Tetrachloroethene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Toluene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
trans-1,2-Dichloroethene	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Trichloroethene	**18**		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Trichlorofluoromethane	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Vinyl chloride	<4.1		4.1		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1
Xylenes, Total	<8.2		8.2		ug/Kg	☼	09/20/18 15:50	09/25/18 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*48 - 123*	*09/20/18 15:50*	*09/25/18 12:13*	*1*
4-Bromofluorobenzene (Surr)	*138*		*49 - 141*	*09/20/18 15:50*	*09/25/18 12:13*	*1*
Dibromofluoromethane (Surr)	*82*		*49 - 132*	*09/20/18 15:50*	*09/25/18 12:13*	*1*
Toluene-d8 (Surr)	*93*		*62 - 135*	*09/20/18 15:50*	*09/25/18 12:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85.7**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-301-13-15-0918

Date Collected: 09/19/18 09:40
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-4

Matrix: Solid
Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.85		0.85		ug/Kg	☼	09/25/18 07:23	09/25/18 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*126*		*50 - 150*	*09/25/18 07:23*	*09/25/18 11:28*	*1*
4-Bromofluorobenzene	*88*		*50 - 150*	*09/25/18 07:23*	*09/25/18 11:28*	*1*
Toluene-d8 (Surr)	*77*		*50 - 150*	*09/25/18 07:23*	*09/25/18 11:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,1,1-Trichloroethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,1,2,2-Tetrachloroethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,1,2-Trichloroethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,1-Dichloroethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,1-Dichloroethene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,1-Dichloropropene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,2,3-Trichlorobenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,2,3-Trichloropropane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,2,4-Trichlorobenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,2,4-Trimethylbenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,2-Dibromo-3-Chloropropane	<8.4		8.4		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,2-Dibromoethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,2-Dichlorobenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,2-Dichloroethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,2-Dichloropropane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,3,5-Trimethylbenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,3-Dichlorobenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,3-Dichloropropane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,4-Dichlorobenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
1,4-Dioxane	<34		34		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
2,2-Dichloropropane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
2-Chlorotoluene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
4-Chlorotoluene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Benzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Bromobenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Bromochloromethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Bromodichloromethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Bromoform	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Bromomethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Carbon tetrachloride	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Chlorobenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Chlorodibromomethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Chloroethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Chloroform	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Chloromethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
cis-1,2-Dichloroethene	**4.8**		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Dibromomethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Dichlorodifluoromethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Ethylbenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Hexachlorobutadiene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-301-13-15-0918

Date Collected: 09/19/18 09:40
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-4

Matrix: Solid
Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Methylene Chloride	<21		21		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Naphthalene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
n-Butylbenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
N-Propylbenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
p-Isopropyltoluene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
sec-Butylbenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Styrene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
tert-Butylbenzene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Tetrachloroethene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Toluene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
trans-1,2-Dichloroethene	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Trichloroethene	**7.2**		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Trichlorofluoromethane	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Vinyl chloride	<4.2		4.2		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1
Xylenes, Total	<8.4		8.4		ug/Kg	☼	09/20/18 15:50	09/25/18 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*48 - 123*	*09/20/18 15:50*	*09/25/18 15:24*	*1*
4-Bromofluorobenzene (Surr)	*91*		*49 - 141*	*09/20/18 15:50*	*09/25/18 15:24*	*1*
Dibromofluoromethane (Surr)	*87*		*49 - 132*	*09/20/18 15:50*	*09/25/18 15:24*	*1*
Toluene-d8 (Surr)	*84*		*62 - 135*	*09/20/18 15:50*	*09/25/18 15:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**88.0**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: DUP-01-0918

Date Collected: 09/19/18 00:00
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-5

Matrix: Solid
Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.0**		0.86		ug/Kg	☼	09/25/18 07:23	09/25/18 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*126*		*50 - 150*	*09/25/18 07:23*	*09/25/18 11:53*	*1*
4-Bromofluorobenzene	*89*		*50 - 150*	*09/25/18 07:23*	*09/25/18 11:53*	*1*
Toluene-d8 (Surr)	*77*		*50 - 150*	*09/25/18 07:23*	*09/25/18 11:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,1,1-Trichloroethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,1,2,2-Tetrachloroethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,1,2-Trichloroethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,1-Dichloroethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,1-Dichloroethene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,1-Dichloropropene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,2,3-Trichlorobenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,2,3-Trichloropropane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,2,4-Trichlorobenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,2,4-Trimethylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,2-Dibromo-3-Chloropropane	<9.9		9.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,2-Dibromoethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,2-Dichlorobenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,2-Dichloroethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,2-Dichloropropane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,3,5-Trimethylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,3-Dichlorobenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,3-Dichloropropane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,4-Dichlorobenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
1,4-Dioxane	<39		39		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
2,2-Dichloropropane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
2-Chlorotoluene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
4-Chlorotoluene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Benzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Bromobenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Bromochloromethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Bromodichloromethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Bromoform	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Bromomethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Carbon tetrachloride	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Chlorobenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Chlorodibromomethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Chloroethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Chloroform	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Chloromethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
cis-1,2-Dichloroethene	**9.8**		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Dibromomethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Dichlorodifluoromethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Ethylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Hexachlorobutadiene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: DUP-01-0918

Date Collected: 09/19/18 00:00
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-5

Matrix: Solid
Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Methylene Chloride	<25		25		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Naphthalene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
n-Butylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
N-Propylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
p-Isopropyltoluene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
sec-Butylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Styrene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
tert-Butylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Tetrachloroethene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Toluene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
trans-1,2-Dichloroethene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Trichloroethene	**14**		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Trichlorofluoromethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Vinyl chloride	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1
Xylenes, Total	<9.9		9.9		ug/Kg	☼	09/20/18 15:50	09/25/18 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*48 - 123*	*09/20/18 15:50*	*09/25/18 15:45*	*1*
4-Bromofluorobenzene (Surr)	*92*		*49 - 141*	*09/20/18 15:50*	*09/25/18 15:45*	*1*
Dibromofluoromethane (Surr)	*88*		*49 - 132*	*09/20/18 15:50*	*09/25/18 15:45*	*1*
Toluene-d8 (Surr)	*86*		*62 - 135*	*09/20/18 15:50*	*09/25/18 15:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.9**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: TB-01

Date Collected: 09/19/18 00:00
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			10/01/18 22:04	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/01/18 22:04	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/01/18 22:04	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			10/01/18 22:04	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/01/18 22:04	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/01/18 22:04	1
1,1-Dichloropropene	<1.0		1.0		ug/L			10/01/18 22:04	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			10/01/18 22:04	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
1,2-Dibromo-3-Chloropropane	<2.0		2.0		ug/L			10/01/18 22:04	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
1,2-Dichloroethane	<1.0		1.0		ug/L			10/01/18 22:04	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/01/18 22:04	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/01/18 22:04	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
1,4-Dioxane	<50		50		ug/L			10/01/18 22:04	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/01/18 22:04	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/01/18 22:04	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/01/18 22:04	1
p-Isopropyltoluene	<1.0		1.0		ug/L			10/01/18 22:04	1
Benzene	<1.0		1.0		ug/L			10/01/18 22:04	1
Bromobenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
Bromoform	<1.0		1.0		ug/L			10/01/18 22:04	1
Bromomethane	<1.0		1.0		ug/L			10/01/18 22:04	1
Carbon tetrachloride	<1.0		1.0		ug/L			10/01/18 22:04	1
Chlorobenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
Chlorodibromomethane	<1.0		1.0		ug/L			10/01/18 22:04	1
Chloroethane	<1.0		1.0		ug/L			10/01/18 22:04	1
Chloroform	<1.0		1.0		ug/L			10/01/18 22:04	1
Chloromethane	<1.0		1.0		ug/L			10/01/18 22:04	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/01/18 22:04	1
Dibromomethane	<1.0		1.0		ug/L			10/01/18 22:04	1
Bromochloromethane	<1.0		1.0		ug/L			10/01/18 22:04	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			10/01/18 22:04	1
Bromodichloromethane	<1.0		1.0		ug/L			10/01/18 22:04	1
Ethylbenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
Hexachlorobutadiene	<1.0		1.0		ug/L			10/01/18 22:04	1
Isopropylbenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
Methylene Chloride	<5.0		5.0		ug/L			10/01/18 22:04	1
Naphthalene	<1.0		1.0		ug/L			10/01/18 22:04	1
n-Butylbenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
N-Propylbenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
Styrene	<1.0		1.0		ug/L			10/01/18 22:04	1
Tetrachloroethene	<1.0		1.0		ug/L			10/01/18 22:04	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: TB-01

Lab Sample ID: 240-101545-6

Date Collected: 09/19/18 00:00

Matrix: Water

Date Received: 09/20/18 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<1.0		1.0		ug/L			10/01/18 22:04	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/01/18 22:04	1
Trichloroethene	<1.0		1.0		ug/L			10/01/18 22:04	1
Trichlorofluoromethane	<1.0		1.0		ug/L			10/01/18 22:04	1
Vinyl chloride	<1.0		1.0		ug/L			10/01/18 22:04	1
Xylenes, Total	<2.0		2.0		ug/L			10/01/18 22:04	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/01/18 22:04	1
1,2-Dibromoethane	<1.0		1.0		ug/L			10/01/18 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*82*		*73 - 120*		*10/01/18 22:04*	*1*
Dibromofluoromethane (Surr)	*110*		*69 - 124*		*10/01/18 22:04*	*1*
4-Bromofluorobenzene (Surr)	*81*		*69 - 120*		*10/01/18 22:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*61 - 138*		*10/01/18 22:04*	*1*

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-307-0-2-0918

Date Collected: 09/19/18 11:40
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-7

Matrix: Solid
Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.84		0.84		ug/Kg	☼	09/25/18 07:23	09/25/18 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*126*		*50 - 150*	*09/25/18 07:23*	*09/25/18 12:19*	*1*
4-Bromofluorobenzene	*91*		*50 - 150*	*09/25/18 07:23*	*09/25/18 12:19*	*1*
Toluene-d8 (Surr)	*79*		*50 - 150*	*09/25/18 07:23*	*09/25/18 12:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,1,1-Trichloroethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,1,2,2-Tetrachloroethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,1,2-Trichloroethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,1-Dichloroethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,1-Dichloroethene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,1-Dichloropropene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,2,3-Trichlorobenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,2,3-Trichloropropane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,2,4-Trichlorobenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,2,4-Trimethylbenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,2-Dibromo-3-Chloropropane	<8.0		8.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,2-Dibromoethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,2-Dichlorobenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,2-Dichloroethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,2-Dichloropropane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,3,5-Trimethylbenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,3-Dichlorobenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,3-Dichloropropane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,4-Dichlorobenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
1,4-Dioxane	<32		32		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
2,2-Dichloropropane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
2-Chlorotoluene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
4-Chlorotoluene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Benzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Bromobenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Bromochloromethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Bromodichloromethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Bromoform	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Bromomethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Carbon tetrachloride	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Chlorobenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Chlorodibromomethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Chloroethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Chloroform	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Chloromethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
cis-1,2-Dichloroethene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Dibromomethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Dichlorodifluoromethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Ethylbenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Hexachlorobutadiene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-307-0-2-0918

Date Collected: 09/19/18 11:40
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-7

Matrix: Solid
Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Methylene Chloride	<20		20		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Naphthalene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
n-Butylbenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
N-Propylbenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
p-Isopropyltoluene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
sec-Butylbenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Styrene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
tert-Butylbenzene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Tetrachloroethene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Toluene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
trans-1,2-Dichloroethene	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Trichloroethene	**110**		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Trichlorofluoromethane	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Vinyl chloride	<4.0		4.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1
Xylenes, Total	<8.0		8.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*48 - 123*	*09/20/18 15:50*	*09/25/18 16:07*	*1*
4-Bromofluorobenzene (Surr)	*96*		*49 - 141*	*09/20/18 15:50*	*09/25/18 16:07*	*1*
Dibromofluoromethane (Surr)	*83*		*49 - 132*	*09/20/18 15:50*	*09/25/18 16:07*	*1*
Toluene-d8 (Surr)	*84*		*62 - 135*	*09/20/18 15:50*	*09/25/18 16:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85.6**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-307-3-5-0918

Date Collected: 09/19/18 12:00
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-8

Matrix: Solid
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.1		1.1		ug/Kg	☼	09/25/18 07:23	09/25/18 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*127*		*50 - 150*	*09/25/18 07:23*	*09/25/18 12:44*	*1*
4-Bromofluorobenzene	*86*		*50 - 150*	*09/25/18 07:23*	*09/25/18 12:44*	*1*
Toluene-d8 (Surr)	*78*		*50 - 150*	*09/25/18 07:23*	*09/25/18 12:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,1,1-Trichloroethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,1,2,2-Tetrachloroethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,1,2-Trichloroethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,1-Dichloroethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,1-Dichloroethene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,1-Dichloropropene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,2,3-Trichlorobenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,2,3-Trichloropropane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,2,4-Trichlorobenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,2,4-Trimethylbenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,2-Dibromo-3-Chloropropane	<13		13		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,2-Dibromoethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,2-Dichlorobenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,2-Dichloroethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,2-Dichloropropane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,3,5-Trimethylbenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,3-Dichlorobenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,3-Dichloropropane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,4-Dichlorobenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
1,4-Dioxane	<53		53		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
2,2-Dichloropropane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
2-Chlorotoluene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
4-Chlorotoluene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Benzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Bromobenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Bromochloromethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Bromodichloromethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Bromoform	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Bromomethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Carbon tetrachloride	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Chlorobenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Chlorodibromomethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Chloroethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Chloroform	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Chloromethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
cis-1,2-Dichloroethene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Dibromomethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Dichlorodifluoromethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Ethylbenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Hexachlorobutadiene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-307-3-5-0918

Date Collected: 09/19/18 12:00
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-8

Matrix: Solid
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Methylene Chloride	<33		33		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Naphthalene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
n-Butylbenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
N-Propylbenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
p-Isopropyltoluene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
sec-Butylbenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Styrene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
tert-Butylbenzene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Tetrachloroethene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Toluene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
trans-1,2-Dichloroethene	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Trichloroethene	**97**		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Trichlorofluoromethane	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Vinyl chloride	<6.6		6.6		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1
Xylenes, Total	<13		13		ug/Kg	☼	09/20/18 15:50	09/25/18 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*48 - 123*	*09/20/18 15:50*	*09/25/18 16:28*	*1*
4-Bromofluorobenzene (Surr)	*94*		*49 - 141*	*09/20/18 15:50*	*09/25/18 16:28*	*1*
Dibromofluoromethane (Surr)	*90*		*49 - 132*	*09/20/18 15:50*	*09/25/18 16:28*	*1*
Toluene-d8 (Surr)	*88*		*62 - 135*	*09/20/18 15:50*	*09/25/18 16:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.6**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-307-8-10-0918

Date Collected: 09/19/18 12:05
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-9

Matrix: Solid
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.1		1.1		ug/Kg	☼	09/25/18 07:23	09/25/18 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*127*		*50 - 150*	*09/25/18 07:23*	*09/25/18 13:09*	*1*
4-Bromofluorobenzene	*89*		*50 - 150*	*09/25/18 07:23*	*09/25/18 13:09*	*1*
Toluene-d8 (Surr)	*79*		*50 - 150*	*09/25/18 07:23*	*09/25/18 13:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,1-Dichloropropene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,2,3-Trichlorobenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,2,3-Trichloropropane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,2,4-Trichlorobenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,2-Dibromoethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,3,5-Trimethylbenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,3-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
1,4-Dioxane	<40		40		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
2,2-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
2-Chlorotoluene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
4-Chlorotoluene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Benzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Bromobenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Bromochloromethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Bromodichloromethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Bromoform	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Bromomethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Carbon tetrachloride	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Chlorobenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Chlorodibromomethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Chloroethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Chloroform	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Chloromethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Dibromomethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Dichlorodifluoromethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Ethylbenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Hexachlorobutadiene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-307-8-10-0918

Date Collected: 09/19/18 12:05
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-9

Matrix: Solid
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Methylene Chloride	<25		25		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Naphthalene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
n-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
N-Propylbenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
p-Isopropyltoluene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
sec-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Styrene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
tert-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Tetrachloroethene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Toluene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Trichloroethene	**130**		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Trichlorofluoromethane	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Vinyl chloride	<5.0		5.0		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1
Xylenes, Total	<10		10		ug/Kg	☼	09/20/18 15:50	09/25/18 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*48 - 123*	*09/20/18 15:50*	*09/25/18 16:50*	*1*
4-Bromofluorobenzene (Surr)	*91*		*49 - 141*	*09/20/18 15:50*	*09/25/18 16:50*	*1*
Dibromofluoromethane (Surr)	*85*		*49 - 132*	*09/20/18 15:50*	*09/25/18 16:50*	*1*
Toluene-d8 (Surr)	*88*		*62 - 135*	*09/20/18 15:50*	*09/25/18 16:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87.1**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-307-13-15-0918

Date Collected: 09/19/18 11:45
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-10

Matrix: Solid
Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.0		1.0		ug/Kg	☼	09/25/18 07:23	09/25/18 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*130*		*50 - 150*	*09/25/18 07:23*	*09/25/18 13:34*	*1*
4-Bromofluorobenzene	*88*		*50 - 150*	*09/25/18 07:23*	*09/25/18 13:34*	*1*
Toluene-d8 (Surr)	*79*		*50 - 150*	*09/25/18 07:23*	*09/25/18 13:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,1,1-Trichloroethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,1,2,2-Tetrachloroethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,1,2-Trichloroethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,1-Dichloroethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,1-Dichloroethene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,1-Dichloropropene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,2,3-Trichlorobenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,2,3-Trichloropropane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,2,4-Trichlorobenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,2,4-Trimethylbenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,2-Dibromo-3-Chloropropane	<9.3		9.3		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,2-Dibromoethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,2-Dichlorobenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,2-Dichloroethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,2-Dichloropropane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,3,5-Trimethylbenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,3-Dichlorobenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,3-Dichloropropane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,4-Dichlorobenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
1,4-Dioxane	<37		37		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
2,2-Dichloropropane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
2-Chlorotoluene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
4-Chlorotoluene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Benzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Bromobenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Bromochloromethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Bromodichloromethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Bromoform	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Bromomethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Carbon tetrachloride	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Chlorobenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Chlorodibromomethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Chloroethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Chloroform	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Chloromethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
cis-1,2-Dichloroethene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Dibromomethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Dichlorodifluoromethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Ethylbenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Hexachlorobutadiene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-307-13-15-0918

Date Collected: 09/19/18 11:45
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-10

Matrix: Solid
Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Methylene Chloride	<23		23		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Naphthalene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
n-Butylbenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
N-Propylbenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
p-Isopropyltoluene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
sec-Butylbenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Styrene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
tert-Butylbenzene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Tetrachloroethene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Toluene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
trans-1,2-Dichloroethene	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Trichloroethene	**30**		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Trichlorofluoromethane	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Vinyl chloride	<4.7		4.7		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1
Xylenes, Total	<9.3		9.3		ug/Kg	☼	09/20/18 15:50	09/25/18 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*48 - 123*	*09/20/18 15:50*	*09/25/18 17:12*	*1*
4-Bromofluorobenzene (Surr)	*94*		*49 - 141*	*09/20/18 15:50*	*09/25/18 17:12*	*1*
Dibromofluoromethane (Surr)	*83*		*49 - 132*	*09/20/18 15:50*	*09/25/18 17:12*	*1*
Toluene-d8 (Surr)	*86*		*62 - 135*	*09/20/18 15:50*	*09/25/18 17:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**88.3**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: TB-03

Date Collected: 09/19/18 00:00
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			10/01/18 22:26	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/01/18 22:26	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/01/18 22:26	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			10/01/18 22:26	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/01/18 22:26	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/01/18 22:26	1
1,1-Dichloropropene	<1.0		1.0		ug/L			10/01/18 22:26	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			10/01/18 22:26	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
1,2-Dibromo-3-Chloropropane	<2.0		2.0		ug/L			10/01/18 22:26	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
1,2-Dichloroethane	<1.0		1.0		ug/L			10/01/18 22:26	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/01/18 22:26	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/01/18 22:26	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
1,4-Dioxane	<50		50		ug/L			10/01/18 22:26	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/01/18 22:26	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/01/18 22:26	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/01/18 22:26	1
p-Isopropyltoluene	<1.0		1.0		ug/L			10/01/18 22:26	1
Benzene	<1.0		1.0		ug/L			10/01/18 22:26	1
Bromobenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
Bromoform	<1.0		1.0		ug/L			10/01/18 22:26	1
Bromomethane	<1.0		1.0		ug/L			10/01/18 22:26	1
Carbon tetrachloride	<1.0		1.0		ug/L			10/01/18 22:26	1
Chlorobenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
Chlorodibromomethane	<1.0		1.0		ug/L			10/01/18 22:26	1
Chloroethane	<1.0		1.0		ug/L			10/01/18 22:26	1
Chloroform	<1.0		1.0		ug/L			10/01/18 22:26	1
Chloromethane	<1.0		1.0		ug/L			10/01/18 22:26	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/01/18 22:26	1
Dibromomethane	<1.0		1.0		ug/L			10/01/18 22:26	1
Bromochloromethane	<1.0		1.0		ug/L			10/01/18 22:26	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			10/01/18 22:26	1
Bromodichloromethane	<1.0		1.0		ug/L			10/01/18 22:26	1
Ethylbenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
Hexachlorobutadiene	<1.0		1.0		ug/L			10/01/18 22:26	1
Isopropylbenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
Methylene Chloride	<5.0		5.0		ug/L			10/01/18 22:26	1
Naphthalene	<1.0		1.0		ug/L			10/01/18 22:26	1
n-Butylbenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
N-Propylbenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
Styrene	<1.0		1.0		ug/L			10/01/18 22:26	1
Tetrachloroethene	<1.0		1.0		ug/L			10/01/18 22:26	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: TB-03

Lab Sample ID: 240-101545-11

Date Collected: 09/19/18 00:00

Matrix: Water

Date Received: 09/20/18 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<1.0		1.0		ug/L			10/01/18 22:26	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/01/18 22:26	1
Trichloroethene	<1.0		1.0		ug/L			10/01/18 22:26	1
Trichlorofluoromethane	<1.0		1.0		ug/L			10/01/18 22:26	1
Vinyl chloride	<1.0		1.0		ug/L			10/01/18 22:26	1
Xylenes, Total	<2.0		2.0		ug/L			10/01/18 22:26	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/01/18 22:26	1
1,2-Dibromoethane	<1.0		1.0		ug/L			10/01/18 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*79*		*73 - 120*		*10/01/18 22:26*	*1*
Dibromofluoromethane (Surr)	*107*		*69 - 124*		*10/01/18 22:26*	*1*
4-Bromofluorobenzene (Surr)	*80*		*69 - 120*		*10/01/18 22:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*61 - 138*		*10/01/18 22:26*	*1*

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-308-0-2-0918

Date Collected: 09/19/18 13:45
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-12

Matrix: Solid
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.6		0.84		ug/Kg	☼	09/25/18 07:23	09/25/18 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*129*		*50 - 150*	*09/25/18 07:23*	*09/25/18 13:59*	*1*
4-Bromofluorobenzene	*89*		*50 - 150*	*09/25/18 07:23*	*09/25/18 13:59*	*1*
Toluene-d8 (Surr)	*79*		*50 - 150*	*09/25/18 07:23*	*09/25/18 13:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,1,1-Trichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,1,2,2-Tetrachloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,1,2-Trichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,1-Dichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,1-Dichloroethene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,1-Dichloropropene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,2,3-Trichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,2,3-Trichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,2,4-Trichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,2,4-Trimethylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,2-Dibromo-3-Chloropropane	<9.2		9.2		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,2-Dibromoethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,2-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,2-Dichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,2-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,3,5-Trimethylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,3-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,3-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,4-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
1,4-Dioxane	<37		37		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
2,2-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
2-Chlorotoluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
4-Chlorotoluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Benzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Bromobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Bromochloromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Bromodichloromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Bromoform	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Bromomethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Carbon tetrachloride	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Chlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Chlorodibromomethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Chloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Chloroform	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Chloromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
cis-1,2-Dichloroethene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Dibromomethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Dichlorodifluoromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Ethylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Hexachlorobutadiene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-308-0-2-0918

Date Collected: 09/19/18 13:45
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-12

Matrix: Solid
Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Methylene Chloride	<23		23		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Naphthalene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
n-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
N-Propylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
p-Isopropyltoluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
sec-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Styrene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
tert-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Tetrachloroethene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Toluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
trans-1,2-Dichloroethene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Trichloroethene	**22**		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Trichlorofluoromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Vinyl chloride	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1
Xylenes, Total	<9.2		9.2		ug/Kg	☼	09/20/18 15:50	09/25/18 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*48 - 123*	*09/20/18 15:50*	*09/25/18 17:33*	*1*
4-Bromofluorobenzene (Surr)	*93*		*49 - 141*	*09/20/18 15:50*	*09/25/18 17:33*	*1*
Dibromofluoromethane (Surr)	*90*		*49 - 132*	*09/20/18 15:50*	*09/25/18 17:33*	*1*
Toluene-d8 (Surr)	*86*		*62 - 135*	*09/20/18 15:50*	*09/25/18 17:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.6**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-308-3-5-0918

Date Collected: 09/19/18 14:05
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-13

Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.4		0.85		ug/Kg	☼	09/25/18 07:23	09/25/18 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*129*		*50 - 150*	*09/25/18 07:23*	*09/25/18 14:25*	*1*
4-Bromofluorobenzene	*90*		*50 - 150*	*09/25/18 07:23*	*09/25/18 14:25*	*1*
Toluene-d8 (Surr)	*80*		*50 - 150*	*09/25/18 07:23*	*09/25/18 14:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,1,1-Trichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,1,2,2-Tetrachloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,1,2-Trichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,1-Dichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,1-Dichloroethene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,1-Dichloropropene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,2,3-Trichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,2,3-Trichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,2,4-Trichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,2,4-Trimethylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,2-Dibromo-3-Chloropropane	<9.2		9.2		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,2-Dibromoethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,2-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,2-Dichloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,2-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,3,5-Trimethylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,3-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,3-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,4-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
1,4-Dioxane	<37		37		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
2,2-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
2-Chlorotoluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
4-Chlorotoluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Benzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Bromobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Bromochloromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Bromodichloromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Bromoform	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Bromomethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Carbon tetrachloride	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Chlorobenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Chlorodibromomethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Chloroethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Chloroform	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Chloromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
cis-1,2-Dichloroethene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Dibromomethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Dichlorodifluoromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Ethylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Hexachlorobutadiene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-308-3-5-0918

Date Collected: 09/19/18 14:05
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-13

Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Methylene Chloride	<23		23		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Naphthalene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
n-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
N-Propylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
p-Isopropyltoluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
sec-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Styrene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
tert-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Tetrachloroethene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Toluene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
trans-1,2-Dichloroethene	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Trichloroethene	**26**		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Trichlorofluoromethane	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Vinyl chloride	<4.6		4.6		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1
Xylenes, Total	<9.2		9.2		ug/Kg	☼	09/20/18 15:50	09/25/18 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*48 - 123*	*09/20/18 15:50*	*09/25/18 17:55*	*1*
4-Bromofluorobenzene (Surr)	*90*		*49 - 141*	*09/20/18 15:50*	*09/25/18 17:55*	*1*
Dibromofluoromethane (Surr)	*89*		*49 - 132*	*09/20/18 15:50*	*09/25/18 17:55*	*1*
Toluene-d8 (Surr)	*90*		*62 - 135*	*09/20/18 15:50*	*09/25/18 17:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.5**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-308-8-10-0918

Date Collected: 09/19/18 14:25
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-14

Matrix: Solid
Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.94		0.94		ug/Kg	☼	09/25/18 07:23	09/25/18 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*129*		*50 - 150*	*09/25/18 07:23*	*09/25/18 14:50*	*1*
4-Bromofluorobenzene	*91*		*50 - 150*	*09/25/18 07:23*	*09/25/18 14:50*	*1*
Toluene-d8 (Surr)	*80*		*50 - 150*	*09/25/18 07:23*	*09/25/18 14:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,1,1-Trichloroethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,1,2,2-Tetrachloroethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,1,2-Trichloroethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,1-Dichloroethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,1-Dichloroethene	**5.8**		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,1-Dichloropropene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,2,3-Trichlorobenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,2,3-Trichloropropane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,2,4-Trichlorobenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,2,4-Trimethylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,2-Dibromo-3-Chloropropane	<9.8		9.8		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,2-Dibromoethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,2-Dichlorobenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,2-Dichloroethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,2-Dichloropropane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,3,5-Trimethylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,3-Dichlorobenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,3-Dichloropropane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,4-Dichlorobenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
1,4-Dioxane	<39		39		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
2,2-Dichloropropane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
2-Chlorotoluene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
4-Chlorotoluene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Benzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Bromobenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Bromochloromethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Bromodichloromethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Bromoform	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Bromomethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Carbon tetrachloride	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Chlorobenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Chlorodibromomethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Chloroethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Chloroform	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Chloromethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
cis-1,2-Dichloroethene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Dibromomethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Dichlorodifluoromethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Ethylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Hexachlorobutadiene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-308-8-10-0918

Date Collected: 09/19/18 14:25
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-14

Matrix: Solid
Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Methylene Chloride	<24		24		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Naphthalene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
n-Butylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
N-Propylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
p-Isopropyltoluene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
sec-Butylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Styrene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
tert-Butylbenzene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Tetrachloroethene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Toluene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
trans-1,2-Dichloroethene	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Trichloroethene	**46**		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Trichlorofluoromethane	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Vinyl chloride	<4.9		4.9		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1
Xylenes, Total	<9.8		9.8		ug/Kg	☼	09/20/18 15:50	09/25/18 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*48 - 123*	*09/20/18 15:50*	*09/25/18 18:16*	*1*
4-Bromofluorobenzene (Surr)	*89*		*49 - 141*	*09/20/18 15:50*	*09/25/18 18:16*	*1*
Dibromofluoromethane (Surr)	*87*		*49 - 132*	*09/20/18 15:50*	*09/25/18 18:16*	*1*
Toluene-d8 (Surr)	*88*		*62 - 135*	*09/20/18 15:50*	*09/25/18 18:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**88.0**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-308-13-15-0918

Date Collected: 09/19/18 14:45
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-15

Matrix: Solid
Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.1		1.1		ug/Kg	☼	09/25/18 07:23	09/25/18 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*129*		*50 - 150*	*09/25/18 07:23*	*09/25/18 15:15*	*1*
4-Bromofluorobenzene	*93*		*50 - 150*	*09/25/18 07:23*	*09/25/18 15:15*	*1*
Toluene-d8 (Surr)	*78*		*50 - 150*	*09/25/18 07:23*	*09/25/18 15:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,1,1-Trichloroethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,1,2,2-Tetrachloroethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,1,2-Trichloroethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,1-Dichloroethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,1-Dichloroethene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,1-Dichloropropene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,2,3-Trichlorobenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,2,3-Trichloropropane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,2,4-Trichlorobenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,2,4-Trimethylbenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,2-Dibromo-3-Chloropropane	<9.1		9.1		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,2-Dibromoethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,2-Dichlorobenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,2-Dichloroethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,2-Dichloropropane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,3,5-Trimethylbenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,3-Dichlorobenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,3-Dichloropropane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,4-Dichlorobenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
1,4-Dioxane	<36		36		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
2,2-Dichloropropane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
2-Chlorotoluene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
4-Chlorotoluene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Benzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Bromobenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Bromochloromethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Bromodichloromethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Bromoform	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Bromomethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Carbon tetrachloride	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Chlorobenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Chlorodibromomethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Chloroethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Chloroform	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Chloromethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
cis-1,2-Dichloroethene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Dibromomethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Dichlorodifluoromethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Ethylbenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Hexachlorobutadiene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-308-13-15-0918

Date Collected: 09/19/18 14:45
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-15

Matrix: Solid
Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Methylene Chloride	<23		23		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Naphthalene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
n-Butylbenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
N-Propylbenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
p-Isopropyltoluene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
sec-Butylbenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Styrene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
tert-Butylbenzene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Tetrachloroethene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Toluene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
trans-1,2-Dichloroethene	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Trichloroethene	**21**		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Trichlorofluoromethane	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Vinyl chloride	<4.5		4.5		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1
Xylenes, Total	<9.1		9.1		ug/Kg	☼	09/20/18 15:50	09/25/18 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*48 - 123*	*09/20/18 15:50*	*09/25/18 18:38*	*1*
4-Bromofluorobenzene (Surr)	*92*		*49 - 141*	*09/20/18 15:50*	*09/25/18 18:38*	*1*
Dibromofluoromethane (Surr)	*95*		*49 - 132*	*09/20/18 15:50*	*09/25/18 18:38*	*1*
Toluene-d8 (Surr)	*90*		*62 - 135*	*09/20/18 15:50*	*09/25/18 18:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**88.1**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: TB-04

Date Collected: 09/19/18 00:00
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-16

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			10/01/18 22:48	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/01/18 22:48	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/01/18 22:48	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			10/01/18 22:48	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/01/18 22:48	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/01/18 22:48	1
1,1-Dichloropropene	<1.0		1.0		ug/L			10/01/18 22:48	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			10/01/18 22:48	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
1,2-Dibromo-3-Chloropropane	<2.0		2.0		ug/L			10/01/18 22:48	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
1,2-Dichloroethane	<1.0		1.0		ug/L			10/01/18 22:48	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/01/18 22:48	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/01/18 22:48	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
1,4-Dioxane	<50		50		ug/L			10/01/18 22:48	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/01/18 22:48	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/01/18 22:48	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/01/18 22:48	1
p-Isopropyltoluene	<1.0		1.0		ug/L			10/01/18 22:48	1
Benzene	<1.0		1.0		ug/L			10/01/18 22:48	1
Bromobenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
Bromoform	<1.0		1.0		ug/L			10/01/18 22:48	1
Bromomethane	<1.0		1.0		ug/L			10/01/18 22:48	1
Carbon tetrachloride	<1.0		1.0		ug/L			10/01/18 22:48	1
Chlorobenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
Chlorodibromomethane	<1.0		1.0		ug/L			10/01/18 22:48	1
Chloroethane	<1.0		1.0		ug/L			10/01/18 22:48	1
Chloroform	<1.0		1.0		ug/L			10/01/18 22:48	1
Chloromethane	<1.0		1.0		ug/L			10/01/18 22:48	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/01/18 22:48	1
Dibromomethane	<1.0		1.0		ug/L			10/01/18 22:48	1
Bromochloromethane	<1.0		1.0		ug/L			10/01/18 22:48	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			10/01/18 22:48	1
Bromodichloromethane	<1.0		1.0		ug/L			10/01/18 22:48	1
Ethylbenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
Hexachlorobutadiene	<1.0		1.0		ug/L			10/01/18 22:48	1
Isopropylbenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
Methylene Chloride	<5.0		5.0		ug/L			10/01/18 22:48	1
Naphthalene	<1.0		1.0		ug/L			10/01/18 22:48	1
n-Butylbenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
N-Propylbenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
Styrene	<1.0		1.0		ug/L			10/01/18 22:48	1
Tetrachloroethene	<1.0		1.0		ug/L			10/01/18 22:48	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: TB-04

Date Collected: 09/19/18 00:00
Date Received: 09/20/18 09:15

Lab Sample ID: 240-101545-16

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<1.0		1.0		ug/L			10/01/18 22:48	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/01/18 22:48	1
Trichloroethene	<1.0		1.0		ug/L			10/01/18 22:48	1
Trichlorofluoromethane	<1.0		1.0		ug/L			10/01/18 22:48	1
Vinyl chloride	<1.0		1.0		ug/L			10/01/18 22:48	1
Xylenes, Total	<2.0		2.0		ug/L			10/01/18 22:48	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/01/18 22:48	1
1,2-Dibromoethane	<1.0		1.0		ug/L			10/01/18 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*79*		*73 - 120*		*10/01/18 22:48*	*1*
Dibromofluoromethane (Surr)	*100*		*69 - 124*		*10/01/18 22:48*	*1*
4-Bromofluorobenzene (Surr)	*77*		*69 - 120*		*10/01/18 22:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*61 - 138*		*10/01/18 22:48*	*1*

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

Lab Sample ID: MB 240-346651/1-A
Matrix: Solid
Analysis Batch: 346987

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 346651

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,1-Dichloropropene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,2,3-Trichlorobenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,2,3-Trichloropropane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,2,4-Trichlorobenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,3,5-Trimethylbenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,3-Dichloropropane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,4-Dioxane	<40		40		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
2,2-Dichloropropane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
2-Chlorotoluene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
4-Chlorotoluene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Benzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Bromobenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Bromoform	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Bromomethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Carbon tetrachloride	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Chlorobenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Chlorodibromomethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Chloroethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Chloroform	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Bromochloromethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Chloromethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Bromodichloromethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Dibromomethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Dichlorodifluoromethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Ethylbenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Hexachlorobutadiene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Isopropylbenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Methylene Chloride	<25		25		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Naphthalene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
n-Butylbenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
N-Propylbenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
p-Isopropyltoluene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
sec-Butylbenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Styrene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1

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

Lab Sample ID: MB 240-346651/1-A
Matrix: Solid
Analysis Batch: 346987

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 346651

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Toluene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
tert-Butylbenzene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
1,2-Dibromoethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Trichloroethene	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Trichlorofluoromethane	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Vinyl chloride	<5.0		5.0		ug/Kg		09/22/18 01:05	09/25/18 10:03	1
Xylenes, Total	<10		10		ug/Kg		09/22/18 01:05	09/25/18 10:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*62 - 135*	*09/22/18 01:05*	*09/25/18 10:03*	*1*
Dibromofluoromethane (Surr)	*78*		*49 - 132*	*09/22/18 01:05*	*09/25/18 10:03*	*1*
4-Bromofluorobenzene (Surr)	*133*		*49 - 141*	*09/22/18 01:05*	*09/25/18 10:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*48 - 123*	*09/22/18 01:05*	*09/25/18 10:03*	*1*

Lab Sample ID: LCS 240-346987/6
Matrix: Solid
Analysis Batch: 346987

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	25.3		ug/Kg		101	73 - 124
1,1,1-Trichloroethane	25.0	27.5		ug/Kg		110	64 - 135
1,1,2,2-Tetrachloroethane	25.0	21.9		ug/Kg		88	68 - 128
1,1,2-Trichloroethane	25.0	23.3		ug/Kg		93	78 - 120
1,1-Dichloroethane	25.0	26.3		ug/Kg		105	72 - 122
1,1-Dichloroethene	25.0	28.2		ug/Kg		113	57 - 139
1,1-Dichloropropene	25.0	27.2		ug/Kg		109	72 - 127
1,2,3-Trichlorobenzene	25.0	20.6		ug/Kg		82	59 - 120
1,2,3-Trichloropropane	25.0	21.7		ug/Kg		87	68 - 128
1,2,4-Trichlorobenzene	25.0	21.1		ug/Kg		84	54 - 120
1,2,4-Trimethylbenzene	25.0	23.5		ug/Kg		94	75 - 121
1,2-Dibromo-3-Chloropropane	25.0	18.9		ug/Kg		76	38 - 135
1,2-Dichlorobenzene	25.0	21.8		ug/Kg		87	73 - 120
1,2-Dichloroethane	25.0	25.1		ug/Kg		100	64 - 126
1,2-Dichloropropane	25.0	26.4		ug/Kg		106	78 - 122
1,3,5-Trimethylbenzene	25.0	23.5		ug/Kg		94	76 - 124
1,3-Dichlorobenzene	25.0	21.9		ug/Kg		87	70 - 120
1,3-Dichloropropane	25.0	23.6		ug/Kg		94	76 - 120
1,4-Dichlorobenzene	25.0	21.7		ug/Kg		87	71 - 120
1,4-Dioxane	500	511		ug/Kg		102	51 - 140
2,2-Dichloropropane	25.0	24.4		ug/Kg		97	42 - 143
2-Chlorotoluene	25.0	23.3		ug/Kg		93	75 - 120
4-Chlorotoluene	25.0	23.0		ug/Kg		92	74 - 121
Benzene	25.0	25.2		ug/Kg		101	74 - 123
Bromobenzene	25.0	22.6		ug/Kg		90	75 - 120
Bromoform	25.0	20.4		ug/Kg		82	46 - 137
Bromomethane	25.0	24.2		ug/Kg		97	10 - 152

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

Lab Sample ID: LCS 240-346987/6
Matrix: Solid
Analysis Batch: 346987

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	25.0	27.7		ug/Kg		111	56 - 139
Chlorobenzene	25.0	23.9		ug/Kg		96	80 - 120
Chlorodibromomethane	25.0	23.5		ug/Kg		94	58 - 131
Chloroethane	25.0	26.5		ug/Kg		106	15 - 155
Chloroform	25.0	25.6		ug/Kg		103	72 - 124
Bromochloromethane	25.0	24.8		ug/Kg		99	72 - 124
Chloromethane	25.0	24.9		ug/Kg		100	45 - 128
cis-1,2-Dichloroethene	25.0	25.1		ug/Kg		100	74 - 123
Bromodichloromethane	25.0	24.2		ug/Kg		97	63 - 132
Dibromomethane	25.0	22.7		ug/Kg		91	71 - 122
Dichlorodifluoromethane	25.0	19.6		ug/Kg		78	26 - 138
Ethylbenzene	25.0	25.3		ug/Kg		101	76 - 120
Hexachlorobutadiene	25.0	23.7		ug/Kg		95	58 - 122
Isopropylbenzene	25.0	26.4		ug/Kg		106	77 - 124
Methylene Chloride	25.0	26.3		ug/Kg		105	62 - 137
Naphthalene	25.0	17.9		ug/Kg		72	51 - 120
n-Butylbenzene	25.0	24.1		ug/Kg		96	64 - 133
N-Propylbenzene	25.0	23.9		ug/Kg		96	73 - 129
p-Isopropyltoluene	25.0	24.7		ug/Kg		99	74 - 124
sec-Butylbenzene	25.0	23.9		ug/Kg		95	73 - 126
Styrene	25.0	25.3		ug/Kg		101	76 - 121
Tetrachloroethene	25.0	26.0		ug/Kg		104	76 - 120
Toluene	25.0	25.2		ug/Kg		101	76 - 120
tert-Butylbenzene	25.0	23.9		ug/Kg		95	73 - 122
trans-1,2-Dichloroethene	25.0	27.3		ug/Kg		109	71 - 133
1,2-Dibromoethane	25.0	23.7		ug/Kg		95	76 - 120
Trichloroethene	25.0	25.6		ug/Kg		102	73 - 126
Trichlorofluoromethane	25.0	27.6		ug/Kg		110	47 - 146
Vinyl chloride	25.0	25.9		ug/Kg		104	52 - 130
Xylenes, Total	50.0	51.2		ug/Kg		102	79 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*92*		*62 - 135*
Dibromofluoromethane (Surr)	*76*		*49 - 132*
4-Bromofluorobenzene (Surr)	*122*		*49 - 141*
1,2-Dichloroethane-d4 (Surr)	*80*		*48 - 123*

Lab Sample ID: MB 240-347081/6
Matrix: Solid
Analysis Batch: 347081

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg			09/25/18 12:53	1

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

Lab Sample ID: MB 240-347081/6
Matrix: Solid
Analysis Batch: 347081

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,2,3-Trichlorobenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,2,3-Trichloropropane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,2,4-Trichlorobenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg			09/25/18 12:53	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,3,5-Trimethylbenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,3-Dichloropropane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,4-Dioxane	<40		40		ug/Kg			09/25/18 12:53	1
2,2-Dichloropropane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
2-Chlorotoluene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
4-Chlorotoluene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Benzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Bromobenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Bromoform	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Bromomethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Carbon tetrachloride	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Chlorobenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Chlorodibromomethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Chloroethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Chloroform	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Bromochloromethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Chloromethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Bromodichloromethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Dibromomethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Dichlorodifluoromethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Ethylbenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Hexachlorobutadiene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Isopropylbenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Methylene Chloride	<25		25		ug/Kg			09/25/18 12:53	1
Naphthalene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
n-Butylbenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
N-Propylbenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
p-Isopropyltoluene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
sec-Butylbenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Styrene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Tetrachloroethene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Toluene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
tert-Butylbenzene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg			09/25/18 12:53	1
1,2-Dibromoethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Trichloroethene	<5.0		5.0		ug/Kg			09/25/18 12:53	1

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

Lab Sample ID: MB 240-347081/6
Matrix: Solid
Analysis Batch: 347081

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Vinyl chloride	<5.0		5.0		ug/Kg			09/25/18 12:53	1
Xylenes, Total	<10		10		ug/Kg			09/25/18 12:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*86*		*62 - 135*		*09/25/18 12:53*	*1*
Dibromofluoromethane (Surr)	*88*		*49 - 132*		*09/25/18 12:53*	*1*
4-Bromofluorobenzene (Surr)	*97*		*49 - 141*		*09/25/18 12:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*48 - 123*		*09/25/18 12:53*	*1*

Lab Sample ID: LCS 240-347081/5
Matrix: Solid
Analysis Batch: 347081

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	52.6		ug/Kg		105	73 - 124
1,1,1-Trichloroethane	50.0	54.5		ug/Kg		109	64 - 135
1,1,2,2-Tetrachloroethane	50.0	53.8		ug/Kg		108	68 - 128
1,1,2-Trichloroethane	50.0	51.3		ug/Kg		103	78 - 120
1,1-Dichloroethane	50.0	50.7		ug/Kg		101	72 - 122
1,1-Dichloroethene	50.0	43.5		ug/Kg		87	57 - 139
1,1-Dichloropropene	50.0	53.1		ug/Kg		106	72 - 127
1,2,3-Trichlorobenzene	50.0	43.4		ug/Kg		87	59 - 120
1,2,3-Trichloropropane	50.0	52.5		ug/Kg		105	68 - 128
1,2,4-Trichlorobenzene	50.0	43.5		ug/Kg		87	54 - 120
1,2,4-Trimethylbenzene	50.0	53.3		ug/Kg		107	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	45.0		ug/Kg		90	38 - 135
1,2-Dichlorobenzene	50.0	48.6		ug/Kg		97	73 - 120
1,2-Dichloroethane	50.0	49.7		ug/Kg		99	64 - 126
1,2-Dichloropropane	50.0	52.5		ug/Kg		105	78 - 122
1,3,5-Trimethylbenzene	50.0	55.1		ug/Kg		110	76 - 124
1,3-Dichlorobenzene	50.0	48.5		ug/Kg		97	70 - 120
1,3-Dichloropropane	50.0	51.4		ug/Kg		103	76 - 120
1,4-Dichlorobenzene	50.0	46.6		ug/Kg		93	71 - 120
1,4-Dioxane	1000	1140		ug/Kg		114	51 - 140
2,2-Dichloropropane	50.0	52.4		ug/Kg		105	42 - 143
2-Chlorotoluene	50.0	52.0		ug/Kg		104	75 - 120
4-Chlorotoluene	50.0	52.2		ug/Kg		104	74 - 121
Benzene	50.0	50.9		ug/Kg		102	74 - 123
Bromobenzene	50.0	49.4		ug/Kg		99	75 - 120
Bromoform	50.0	47.5		ug/Kg		95	46 - 137
Bromomethane	20.0	17.2		ug/Kg		86	10 - 152
Carbon tetrachloride	50.0	52.8		ug/Kg		106	56 - 139
Chlorobenzene	50.0	49.5		ug/Kg		99	80 - 120
Chlorodibromomethane	50.0	51.2		ug/Kg		102	58 - 131
Chloroethane	20.0	18.9		ug/Kg		95	15 - 155
Chloroform	50.0	51.6		ug/Kg		103	72 - 124
Bromochloromethane	50.0	49.9		ug/Kg		100	72 - 124

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

Lab Sample ID: LCS 240-347081/5
Matrix: Solid
Analysis Batch: 347081

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	20.0	16.8		ug/Kg		84	45 - 128
cis-1,2-Dichloroethene	50.0	49.8		ug/Kg		100	74 - 123
Bromodichloromethane	50.0	52.5		ug/Kg		105	63 - 132
Dibromomethane	50.0	48.8		ug/Kg		98	71 - 122
Dichlorodifluoromethane	20.0	15.2		ug/Kg		76	26 - 138
Ethylbenzene	50.0	52.9		ug/Kg		106	76 - 120
Hexachlorobutadiene	50.0	40.7		ug/Kg		81	58 - 122
Isopropylbenzene	50.0	55.2		ug/Kg		110	77 - 124
Methylene Chloride	50.0	49.8		ug/Kg		100	62 - 137
Naphthalene	50.0	49.2		ug/Kg		98	51 - 120
n-Butylbenzene	50.0	52.7		ug/Kg		105	64 - 133
N-Propylbenzene	50.0	56.0		ug/Kg		112	73 - 129
p-Isopropyltoluene	50.0	56.4		ug/Kg		113	74 - 124
sec-Butylbenzene	50.0	56.6		ug/Kg		113	73 - 126
Styrene	50.0	54.9		ug/Kg		110	76 - 121
Tetrachloroethene	50.0	46.6		ug/Kg		93	76 - 120
Toluene	50.0	49.6		ug/Kg		99	76 - 120
tert-Butylbenzene	50.0	55.2		ug/Kg		110	73 - 122
trans-1,2-Dichloroethene	50.0	52.7		ug/Kg		105	71 - 133
1,2-Dibromoethane	50.0	51.8		ug/Kg		104	76 - 120
Trichloroethene	50.0	50.2		ug/Kg		100	73 - 126
Trichlorofluoromethane	20.0	18.3		ug/Kg		91	47 - 146
Vinyl chloride	20.0	19.1		ug/Kg		95	52 - 130
Xylenes, Total	100	107		ug/Kg		107	79 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*84*		*62 - 135*
Dibromofluoromethane (Surr)	*88*		*49 - 132*
4-Bromofluorobenzene (Surr)	*94*		*49 - 141*
1,2-Dichloroethane-d4 (Surr)	*84*		*48 - 123*

Lab Sample ID: MB 240-348017/6
Matrix: Water
Analysis Batch: 348017

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			10/01/18 21:20	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/01/18 21:20	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/01/18 21:20	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			10/01/18 21:20	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/01/18 21:20	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/01/18 21:20	1
1,1-Dichloropropene	<1.0		1.0		ug/L			10/01/18 21:20	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			10/01/18 21:20	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
1,2-Dibromo-3-Chloropropane	<2.0		2.0		ug/L			10/01/18 21:20	1

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

Lab Sample ID: MB 240-348017/6
Matrix: Water
Analysis Batch: 348017

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
1,2-Dichloroethane	<1.0		1.0		ug/L			10/01/18 21:20	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/01/18 21:20	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/01/18 21:20	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
1,4-Dioxane	<50		50		ug/L			10/01/18 21:20	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/01/18 21:20	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/01/18 21:20	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/01/18 21:20	1
Benzene	<1.0		1.0		ug/L			10/01/18 21:20	1
Bromobenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
Bromoform	<1.0		1.0		ug/L			10/01/18 21:20	1
Bromomethane	<1.0		1.0		ug/L			10/01/18 21:20	1
Carbon tetrachloride	<1.0		1.0		ug/L			10/01/18 21:20	1
Chlorobenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
Chlorodibromomethane	<1.0		1.0		ug/L			10/01/18 21:20	1
Chloroethane	<1.0		1.0		ug/L			10/01/18 21:20	1
Chloroform	<1.0		1.0		ug/L			10/01/18 21:20	1
Bromochloromethane	<1.0		1.0		ug/L			10/01/18 21:20	1
Chloromethane	<1.0		1.0		ug/L			10/01/18 21:20	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/01/18 21:20	1
Bromodichloromethane	<1.0		1.0		ug/L			10/01/18 21:20	1
Dibromomethane	<1.0		1.0		ug/L			10/01/18 21:20	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			10/01/18 21:20	1
Ethylbenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
Hexachlorobutadiene	<1.0		1.0		ug/L			10/01/18 21:20	1
Isopropylbenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
Methylene Chloride	<5.0		5.0		ug/L			10/01/18 21:20	1
Naphthalene	<1.0		1.0		ug/L			10/01/18 21:20	1
n-Butylbenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
N-Propylbenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
p-Isopropyltoluene	<1.0		1.0		ug/L			10/01/18 21:20	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
Styrene	<1.0		1.0		ug/L			10/01/18 21:20	1
Tetrachloroethene	<1.0		1.0		ug/L			10/01/18 21:20	1
Toluene	<1.0		1.0		ug/L			10/01/18 21:20	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/01/18 21:20	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/01/18 21:20	1
1,2-Dibromoethane	<1.0		1.0		ug/L			10/01/18 21:20	1
Trichloroethene	<1.0		1.0		ug/L			10/01/18 21:20	1
Trichlorofluoromethane	<1.0		1.0		ug/L			10/01/18 21:20	1
Vinyl chloride	<1.0		1.0		ug/L			10/01/18 21:20	1
Xylenes, Total	<2.0		2.0		ug/L			10/01/18 21:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*86*		*73 - 120*		*10/01/18 21:20*	*1*

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

Lab Sample ID: MB 240-348017/6
Matrix: Water
Analysis Batch: 348017

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	105		69 - 124		10/01/18 21:20	1
4-Bromofluorobenzene (Surr)	81		69 - 120		10/01/18 21:20	1
1,2-Dichloroethane-d4 (Surr)	107		61 - 138		10/01/18 21:20	1

Lab Sample ID: LCS 240-348017/4
Matrix: Water
Analysis Batch: 348017

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	10.0	10.5		ug/L		105	73 - 136
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	64 - 147
1,1,2,2-Tetrachloroethane	10.0	10.2		ug/L		102	58 - 122
1,1,2-Trichloroethane	10.0	10.5		ug/L		105	76 - 121
1,1-Dichloroethane	10.0	10.7		ug/L		107	74 - 120
1,1-Dichloroethene	10.0	8.79		ug/L		88	65 - 127
1,1-Dichloropropene	10.0	9.86		ug/L		99	80 - 122
1,2,3-Trichlorobenzene	10.0	8.91		ug/L		89	31 - 144
1,2,3-Trichloropropane	10.0	10.2		ug/L		102	53 - 134
1,2,4-Trichlorobenzene	10.0	8.41		ug/L		84	34 - 141
1,2,4-Trimethylbenzene	10.0	8.51		ug/L		85	80 - 120
1,2-Dibromo-3-Chloropropane	10.0	9.87		ug/L		99	50 - 130
1,2-Dichlorobenzene	10.0	9.97		ug/L		100	80 - 120
1,2-Dichloroethane	10.0	10.9		ug/L		109	68 - 133
1,2-Dichloropropane	10.0	11.4		ug/L		114	78 - 127
1,3,5-Trimethylbenzene	10.0	8.73		ug/L		87	79 - 120
1,3-Dichlorobenzene	10.0	9.86		ug/L		99	80 - 120
1,3-Dichloropropane	10.0	10.5		ug/L		105	71 - 124
1,4-Dichlorobenzene	10.0	10.3		ug/L		103	80 - 120
1,4-Dioxane	200	261		ug/L		130	35 - 134
2,2-Dichloropropane	10.0	8.85		ug/L		89	32 - 178
2-Chlorotoluene	10.0	9.65		ug/L		97	80 - 120
4-Chlorotoluene	10.0	9.88		ug/L		99	79 - 120
Benzene	10.0	10.4		ug/L		104	79 - 120
Bromobenzene	10.0	10.5		ug/L		105	73 - 120
Bromoform	10.0	12.1		ug/L		121	55 - 145
Bromomethane	10.0	8.46		ug/L		85	17 - 158
Carbon tetrachloride	10.0	10.5		ug/L		105	55 - 171
Chlorobenzene	10.0	10.0		ug/L		100	80 - 120
Chlorodibromomethane	10.0	11.4		ug/L		114	64 - 129
Chloroethane	10.0	7.95		ug/L		79	10 - 149
Chloroform	10.0	10.6		ug/L		106	80 - 120
Bromochloromethane	10.0	11.0		ug/L		110	78 - 120
Chloromethane	10.0	9.07		ug/L		91	59 - 124
cis-1,2-Dichloroethene	10.0	9.94		ug/L		99	77 - 120
Bromodichloromethane	10.0	10.5		ug/L		105	79 - 125
Dibromomethane	10.0	10.4		ug/L		104	80 - 120
Dichlorodifluoromethane	10.0	10.9		ug/L		109	42 - 141
Ethylbenzene	10.0	9.15		ug/L		91	80 - 120

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

Lab Sample ID: LCS 240-348017/4
Matrix: Water
Analysis Batch: 348017

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	10.0	8.86		ug/L		89	36 - 146
Isopropylbenzene	10.0	9.04		ug/L		90	80 - 128
Methylene Chloride	10.0	9.74		ug/L		97	64 - 140
Naphthalene	10.0	7.45		ug/L		75	31 - 127
n-Butylbenzene	10.0	7.91		ug/L		79	60 - 137
N-Propylbenzene	10.0	8.95		ug/L		90	76 - 120
p-Isopropyltoluene	10.0	8.71		ug/L		87	78 - 125
sec-Butylbenzene	10.0	8.34		ug/L		83	76 - 124
Styrene	10.0	9.79		ug/L		98	80 - 121
Tetrachloroethene	10.0	10.7		ug/L		107	80 - 122
Toluene	10.0	9.77		ug/L		98	78 - 120
tert-Butylbenzene	10.0	8.40		ug/L		84	79 - 120
trans-1,2-Dichloroethene	10.0	9.58		ug/L		96	74 - 124
1,2-Dibromoethane	10.0	11.2		ug/L		112	80 - 120
Trichloroethene	10.0	10.5		ug/L		105	76 - 124
Trichlorofluoromethane	10.0	9.08		ug/L		91	27 - 176
Vinyl chloride	10.0	9.22		ug/L		92	65 - 124
Xylenes, Total	20.0	18.5		ug/L		93	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*84*		*73 - 120*
Dibromofluoromethane (Surr)	*96*		*69 - 124*
4-Bromofluorobenzene (Surr)	*89*		*69 - 120*
1,2-Dichloroethane-d4 (Surr)	*99*		*61 - 138*

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

Lab Sample ID: MB 400-412765/1-A
Matrix: Solid
Analysis Batch: 412743

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 412765

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.0		1.0		ug/Kg		09/25/18 07:23	09/25/18 09:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*123*		*50 - 150*	*09/25/18 07:23*	*09/25/18 09:48*	*1*
4-Bromofluorobenzene	*89*		*50 - 150*	*09/25/18 07:23*	*09/25/18 09:48*	*1*
Toluene-d8 (Surr)	*80*		*50 - 150*	*09/25/18 07:23*	*09/25/18 09:48*	*1*

Lab Sample ID: LCS 400-412765/2-A
Matrix: Solid
Analysis Batch: 412743

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 412765

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	12.4		ug/Kg		124	40 - 160

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

Lab Sample ID: LCS 400-412765/2-A
Matrix: Solid
Analysis Batch: 412743

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 412765

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*108*		*50 - 150*
4-Bromofluorobenzene	*84*		*50 - 150*
Toluene-d8 (Surr)	*82*		*50 - 150*

Lab Sample ID: LCSD 400-412765/3-A
Matrix: Solid
Analysis Batch: 412743

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 412765

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			10.0	13.2		ug/Kg		132	40 - 160	7	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane	*106*		*50 - 150*
4-Bromofluorobenzene	*84*		*50 - 150*
Toluene-d8 (Surr)	*82*		*50 - 150*

Method: Moisture - Percent Moisture

Lab Sample ID: 240-101545-10 DU
Matrix: Solid
Analysis Batch: 347142

Client Sample ID: SB-307-13-15-0918
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	88.3			87.1		%				1	20

QC Association Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

GC/MS VOA

Prep Batch: 346396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101545-1	SB-301-0-2-0918	Total/NA	Solid	5035	
240-101545-2	SB-301-3-5-0918	Total/NA	Solid	5035	
240-101545-3	SB-301-8-10-0918	Total/NA	Solid	5035	
240-101545-4	SB-301-13-15-0918	Total/NA	Solid	5035	
240-101545-5	DUP-01-0918	Total/NA	Solid	5035	
240-101545-7	SB-307-0-2-0918	Total/NA	Solid	5035	
240-101545-8	SB-307-3-5-0918	Total/NA	Solid	5035	
240-101545-9	SB-307-8-10-0918	Total/NA	Solid	5035	
240-101545-10	SB-307-13-15-0918	Total/NA	Solid	5035	
240-101545-12	SB-308-0-2-0918	Total/NA	Solid	5035	
240-101545-13	SB-308-3-5-0918	Total/NA	Solid	5035	
240-101545-14	SB-308-8-10-0918	Total/NA	Solid	5035	
240-101545-15	SB-308-13-15-0918	Total/NA	Solid	5035	

Prep Batch: 346651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-346651/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 346987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101545-1	SB-301-0-2-0918	Total/NA	Solid	8260B	346396
240-101545-2	SB-301-3-5-0918	Total/NA	Solid	8260B	346396
240-101545-3	SB-301-8-10-0918	Total/NA	Solid	8260B	346396
MB 240-346651/1-A	Method Blank	Total/NA	Solid	8260B	346651
LCS 240-346987/6	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 347081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101545-4	SB-301-13-15-0918	Total/NA	Solid	8260B	346396
240-101545-5	DUP-01-0918	Total/NA	Solid	8260B	346396
240-101545-7	SB-307-0-2-0918	Total/NA	Solid	8260B	346396
240-101545-8	SB-307-3-5-0918	Total/NA	Solid	8260B	346396
240-101545-9	SB-307-8-10-0918	Total/NA	Solid	8260B	346396
240-101545-10	SB-307-13-15-0918	Total/NA	Solid	8260B	346396
240-101545-12	SB-308-0-2-0918	Total/NA	Solid	8260B	346396
240-101545-13	SB-308-3-5-0918	Total/NA	Solid	8260B	346396
240-101545-14	SB-308-8-10-0918	Total/NA	Solid	8260B	346396
240-101545-15	SB-308-13-15-0918	Total/NA	Solid	8260B	346396
MB 240-347081/6	Method Blank	Total/NA	Solid	8260B	
LCS 240-347081/5	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 348017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101545-6	TB-01	Total/NA	Water	8260B	
240-101545-11	TB-03	Total/NA	Water	8260B	
240-101545-16	TB-04	Total/NA	Water	8260B	
MB 240-348017/6	Method Blank	Total/NA	Water	8260B	
LCS 240-348017/4	Lab Control Sample	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 412743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101545-1	SB-301-0-2-0918	Total/NA	Solid	8260B SIM	412765
240-101545-2	SB-301-3-5-0918	Total/NA	Solid	8260B SIM	412765
240-101545-3	SB-301-8-10-0918	Total/NA	Solid	8260B SIM	412765
240-101545-4	SB-301-13-15-0918	Total/NA	Solid	8260B SIM	412765
240-101545-5	DUP-01-0918	Total/NA	Solid	8260B SIM	412765
240-101545-7	SB-307-0-2-0918	Total/NA	Solid	8260B SIM	412765
240-101545-8	SB-307-3-5-0918	Total/NA	Solid	8260B SIM	412765
240-101545-9	SB-307-8-10-0918	Total/NA	Solid	8260B SIM	412765
240-101545-10	SB-307-13-15-0918	Total/NA	Solid	8260B SIM	412765
240-101545-12	SB-308-0-2-0918	Total/NA	Solid	8260B SIM	412765
240-101545-13	SB-308-3-5-0918	Total/NA	Solid	8260B SIM	412765
240-101545-14	SB-308-8-10-0918	Total/NA	Solid	8260B SIM	412765
240-101545-15	SB-308-13-15-0918	Total/NA	Solid	8260B SIM	412765
MB 400-412765/1-A	Method Blank	Total/NA	Solid	8260B SIM	412765
LCS 400-412765/2-A	Lab Control Sample	Total/NA	Solid	8260B SIM	412765
LCSD 400-412765/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B SIM	412765

Prep Batch: 412765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101545-1	SB-301-0-2-0918	Total/NA	Solid	5035	
240-101545-2	SB-301-3-5-0918	Total/NA	Solid	5035	
240-101545-3	SB-301-8-10-0918	Total/NA	Solid	5035	
240-101545-4	SB-301-13-15-0918	Total/NA	Solid	5035	
240-101545-5	DUP-01-0918	Total/NA	Solid	5035	
240-101545-7	SB-307-0-2-0918	Total/NA	Solid	5035	
240-101545-8	SB-307-3-5-0918	Total/NA	Solid	5035	
240-101545-9	SB-307-8-10-0918	Total/NA	Solid	5035	
240-101545-10	SB-307-13-15-0918	Total/NA	Solid	5035	
240-101545-12	SB-308-0-2-0918	Total/NA	Solid	5035	
240-101545-13	SB-308-3-5-0918	Total/NA	Solid	5035	
240-101545-14	SB-308-8-10-0918	Total/NA	Solid	5035	
240-101545-15	SB-308-13-15-0918	Total/NA	Solid	5035	
MB 400-412765/1-A	Method Blank	Total/NA	Solid	5035	
LCS 400-412765/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 400-412765/3-A	Lab Control Sample Dup	Total/NA	Solid	5035	

General Chemistry

Analysis Batch: 347142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101545-1	SB-301-0-2-0918	Total/NA	Solid	Moisture	
240-101545-2	SB-301-3-5-0918	Total/NA	Solid	Moisture	
240-101545-3	SB-301-8-10-0918	Total/NA	Solid	Moisture	
240-101545-4	SB-301-13-15-0918	Total/NA	Solid	Moisture	
240-101545-5	DUP-01-0918	Total/NA	Solid	Moisture	
240-101545-7	SB-307-0-2-0918	Total/NA	Solid	Moisture	
240-101545-8	SB-307-3-5-0918	Total/NA	Solid	Moisture	
240-101545-9	SB-307-8-10-0918	Total/NA	Solid	Moisture	
240-101545-10	SB-307-13-15-0918	Total/NA	Solid	Moisture	
240-101545-12	SB-308-0-2-0918	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 347142 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101545-13	SB-308-3-5-0918	Total/NA	Solid	Moisture	
240-101545-14	SB-308-8-10-0918	Total/NA	Solid	Moisture	
240-101545-15	SB-308-13-15-0918	Total/NA	Solid	Moisture	
240-101545-10 DU	SB-307-13-15-0918	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-301-0-2-0918 — Lab Sample ID: 240-101545-1

Date Collected: 09/19/18 09:05 — **Matrix: Solid**
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-301-0-2-0918 — Lab Sample ID: 240-101545-1

Date Collected: 09/19/18 09:05 — **Matrix: Solid**
Date Received: 09/20/18 09:15 — **Percent Solids: 84.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/20/18 15:50	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346987	09/25/18 11:30	TJL2	TAL CAN
Total/NA	Prep	5035			412765	09/25/18 07:23	RS	TAL PEN
Total/NA	Analysis	8260B SIM		1	412743	09/25/18 10:13	CAR	TAL PEN

Client Sample ID: SB-301-3-5-0918 — Lab Sample ID: 240-101545-2

Date Collected: 09/19/18 09:20 — **Matrix: Solid**
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-301-3-5-0918 — Lab Sample ID: 240-101545-2

Date Collected: 09/19/18 09:20 — **Matrix: Solid**
Date Received: 09/20/18 09:15 — **Percent Solids: 85.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/20/18 15:50	LAM	TAL CAN
Total/NA	Analysis	8260B		1	346987	09/25/18 11:52	TJL2	TAL CAN
Total/NA	Prep	5035			412765	09/25/18 07:23	RS	TAL PEN
Total/NA	Analysis	8260B SIM		1	412743	09/25/18 10:38	CAR	TAL PEN

Client Sample ID: SB-301-8-10-0918 — Lab Sample ID: 240-101545-3

Date Collected: 09/19/18 08:55 — **Matrix: Solid**
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-301-8-10-0918 — Lab Sample ID: 240-101545-3

Date Collected: 09/19/18 08:55 — **Matrix: Solid**
Date Received: 09/20/18 09:15 — **Percent Solids: 85.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/20/18 15:50	LAM	TAL CAN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-301-8-10-0918 — Lab Sample ID: 240-101545-3

Date Collected: 09/19/18 08:55 — **Matrix: Solid**
Date Received: 09/20/18 09:15 — **Percent Solids: 85.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	346987	09/25/18 12:13	TJL2	TAL CAN
Total/NA	Prep	5035			412765	09/25/18 07:23	RS	TAL PEN
Total/NA	Analysis	8260B SIM		1	412743	09/25/18 11:03	CAR	TAL PEN

Client Sample ID: SB-301-13-15-0918 — Lab Sample ID: 240-101545-4

Date Collected: 09/19/18 09:40 — **Matrix: Solid**
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-301-13-15-0918 — Lab Sample ID: 240-101545-4

Date Collected: 09/19/18 09:40 — **Matrix: Solid**
Date Received: 09/20/18 09:15 — **Percent Solids: 88.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/20/18 15:50	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347081	09/25/18 15:24	SAM	TAL CAN
Total/NA	Prep	5035			412765	09/25/18 07:23	RS	TAL PEN
Total/NA	Analysis	8260B SIM		1	412743	09/25/18 11:28	CAR	TAL PEN

Client Sample ID: DUP-01-0918 — Lab Sample ID: 240-101545-5

Date Collected: 09/19/18 00:00 — **Matrix: Solid**
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: DUP-01-0918 — Lab Sample ID: 240-101545-5

Date Collected: 09/19/18 00:00 — **Matrix: Solid**
Date Received: 09/20/18 09:15 — **Percent Solids: 86.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/20/18 15:50	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347081	09/25/18 15:45	SAM	TAL CAN
Total/NA	Prep	5035			412765	09/25/18 07:23	RS	TAL PEN
Total/NA	Analysis	8260B SIM		1	412743	09/25/18 11:53	CAR	TAL PEN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: TB-01
Lab Sample ID: 240-101545-6
Date Collected: 09/19/18 00:00
Matrix: Water
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	348017	10/01/18 22:04	LEE	TAL CAN

Client Sample ID: SB-307-0-2-0918
Lab Sample ID: 240-101545-7
Date Collected: 09/19/18 11:40
Matrix: Solid
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-307-0-2-0918
Lab Sample ID: 240-101545-7
Date Collected: 09/19/18 11:40
Matrix: Solid
Date Received: 09/20/18 09:15
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/20/18 15:50	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347081	09/25/18 16:07	SAM	TAL CAN
Total/NA	Prep	5035			412765	09/25/18 07:23	RS	TAL PEN
Total/NA	Analysis	8260B SIM		1	412743	09/25/18 12:19	CAR	TAL PEN

Client Sample ID: SB-307-3-5-0918
Lab Sample ID: 240-101545-8
Date Collected: 09/19/18 12:00
Matrix: Solid
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-307-3-5-0918
Lab Sample ID: 240-101545-8
Date Collected: 09/19/18 12:00
Matrix: Solid
Date Received: 09/20/18 09:15
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/20/18 15:50	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347081	09/25/18 16:28	SAM	TAL CAN
Total/NA	Prep	5035			412765	09/25/18 07:23	RS	TAL PEN
Total/NA	Analysis	8260B SIM		1	412743	09/25/18 12:44	CAR	TAL PEN

Client Sample ID: SB-307-8-10-0918
Lab Sample ID: 240-101545-9
Date Collected: 09/19/18 12:05
Matrix: Solid
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-307-8-10-0918 — Lab Sample ID: 240-101545-9

Date Collected: 09/19/18 12:05 — **Matrix: Solid**
Date Received: 09/20/18 09:15 — **Percent Solids: 87.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/20/18 15:50	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347081	09/25/18 16:50	SAM	TAL CAN
Total/NA	Prep	5035			412765	09/25/18 07:23	RS	TAL PEN
Total/NA	Analysis	8260B SIM		1	412743	09/25/18 13:09	CAR	TAL PEN

Client Sample ID: SB-307-13-15-0918 — Lab Sample ID: 240-101545-10

Date Collected: 09/19/18 11:45 — **Matrix: Solid**
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-307-13-15-0918 — Lab Sample ID: 240-101545-10

Date Collected: 09/19/18 11:45 — **Matrix: Solid**
Date Received: 09/20/18 09:15 — **Percent Solids: 88.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/20/18 15:50	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347081	09/25/18 17:12	SAM	TAL CAN
Total/NA	Prep	5035			412765	09/25/18 07:23	RS	TAL PEN
Total/NA	Analysis	8260B SIM		1	412743	09/25/18 13:34	CAR	TAL PEN

Client Sample ID: TB-03 — Lab Sample ID: 240-101545-11

Date Collected: 09/19/18 00:00 — **Matrix: Water**
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	348017	10/01/18 22:26	LEE	TAL CAN

Client Sample ID: SB-308-0-2-0918 — Lab Sample ID: 240-101545-12

Date Collected: 09/19/18 13:45 — **Matrix: Solid**
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-308-0-2-0918 — Lab Sample ID: 240-101545-12

Date Collected: 09/19/18 13:45 — **Matrix: Solid**
Date Received: 09/20/18 09:15 — **Percent Solids: 86.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/20/18 15:50	LAM	TAL CAN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-308-0-2-0918 — Lab Sample ID: 240-101545-12

Date Collected: 09/19/18 13:45 — **Matrix: Solid**
Date Received: 09/20/18 09:15 — **Percent Solids: 86.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	347081	09/25/18 17:33	SAM	TAL CAN
Total/NA	Prep	5035			412765	09/25/18 07:23	RS	TAL PEN
Total/NA	Analysis	8260B SIM		1	412743	09/25/18 13:59	CAR	TAL PEN

Client Sample ID: SB-308-3-5-0918 — Lab Sample ID: 240-101545-13

Date Collected: 09/19/18 14:05 — **Matrix: Solid**
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-308-3-5-0918 — Lab Sample ID: 240-101545-13

Date Collected: 09/19/18 14:05 — **Matrix: Solid**
Date Received: 09/20/18 09:15 — **Percent Solids: 86.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/20/18 15:50	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347081	09/25/18 17:55	SAM	TAL CAN
Total/NA	Prep	5035			412765	09/25/18 07:23	RS	TAL PEN
Total/NA	Analysis	8260B SIM		1	412743	09/25/18 14:25	CAR	TAL PEN

Client Sample ID: SB-308-8-10-0918 — Lab Sample ID: 240-101545-14

Date Collected: 09/19/18 14:25 — **Matrix: Solid**
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-308-8-10-0918 — Lab Sample ID: 240-101545-14

Date Collected: 09/19/18 14:25 — **Matrix: Solid**
Date Received: 09/20/18 09:15 — **Percent Solids: 88.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/20/18 15:50	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347081	09/25/18 18:16	SAM	TAL CAN
Total/NA	Prep	5035			412765	09/25/18 07:23	RS	TAL PEN
Total/NA	Analysis	8260B SIM		1	412743	09/25/18 14:50	CAR	TAL PEN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Client Sample ID: SB-308-13-15-0918 — Lab Sample ID: 240-101545-15

Date Collected: 09/19/18 14:45 — **Matrix: Solid**
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-308-13-15-0918 — Lab Sample ID: 240-101545-15

Date Collected: 09/19/18 14:45 — **Matrix: Solid**
Date Received: 09/20/18 09:15 — **Percent Solids: 88.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346396	09/20/18 15:50	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347081	09/25/18 18:38	SAM	TAL CAN
Total/NA	Prep	5035			412765	09/25/18 07:23	RS	TAL PEN
Total/NA	Analysis	8260B SIM		1	412743	09/25/18 15:15	CAR	TAL PEN

Client Sample ID: TB-04 — Lab Sample ID: 240-101545-16

Date Collected: 09/19/18 00:00 — **Matrix: Water**
Date Received: 09/20/18 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	348017	10/01/18 22:48	LEE	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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

Accreditation/Certification Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Laboratory: TestAmerica Canton

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2927	02-23-19
Connecticut	State Program	1	PH-0590	12-31-19
Florida	NELAP	4	E87225	06-30-19
Illinois	NELAP	5	200004	07-31-19
Kansas	NELAP	7	E-10336	01-31-19
Kentucky (UST)	State Program	4	58	02-23-19
Kentucky (WW)	State Program	4	98016	12-31-18 *
Minnesota	NELAP	5	039-999-348	12-31-18 *
Minnesota (Petrofund)	State Program	1	3506	07-31-19
Nevada	State Program	9	OH00048	07-31-19
New Jersey	NELAP	2	OH001	06-30-19
New York	NELAP	2	10975	03-31-19
Ohio VAP	State Program	5	CL0024	09-06-19
Oregon	NELAP	10	4062	02-23-19
Pennsylvania	NELAP	3	68-00340	08-31-19 *
Texas	NELAP	6	T104704517-17-9	08-31-19
USDA	Federal		P330-16-00404	12-28-19
Virginia	NELAP	3	460175	09-14-19
Washington	State Program	10	C971	01-12-19
West Virginia DEP	State Program	3	210	12-31-18 *

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-19
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-19
California	State Program	9	2510	06-30-19
Florida	NELAP	4	E81010	06-30-19
Georgia	State Program	4	E81010 (FL)	06-30-19
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18 *
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-19
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-19
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-19
Massachusetts	State Program	1	M-FL094	06-30-19
Michigan	State Program	5	9912	06-30-19
New Jersey	NELAP	2	FL006	06-30-19
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-19
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18 *
Tennessee	State Program	4	TN02907	06-30-19
Texas	NELAP	6	T104704286-18-16	09-30-19

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101545-1

Laboratory: TestAmerica Pensacola (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
US Fish & Wildlife	Federal		LE058448-0	07-31-19
USDA	Federal		P330-18-00148	05-17-21
Virginia	NELAP	3	460166	06-14-19
Washington	State Program	10	C915	05-15-19
West Virginia DEP	State Program	3	136	06-30-19

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

2.0/C2.9

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-54483-23467.2
Client Contact: Ms. Rhonda Quinn	Phone:	E-Mail: patrick.omeara@testamericainc.com		Page: Page 2 of 2
Company: Wood E&I Solutions Inc				Job #:
Address: 1075 Big Shanty Road, NW Suite 100	Due Date Requested:			
City: Kennesaw	TAT Requested (days):			
State, Zip: GA, 30144				
Phone: 770-421-3516(Tel) 770-421-3486(Fax)	PO #: Purchase Order Requested			
Email: rhonda.quinn@woodplc.com	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C_SIM - 1,4-Dioxane-Nashville	8260B - (MOD) Custom Sublist VOCs-FAP	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
SB-301-0-2-0918	9-19-18	09:~~12~~ 05	G	Solid				X	4	One for moisture
SB-301-3-5-0918		09:20		Solid				X	4	
SB-301-8-10-0918		08:55						X	4	
SB-301-13-15-0918		09:40						X	4	
SB-301-0-2-0918		09:05					X		4	
SB-301-3-5-0918		09:20					X		4	
SB-301-8-10-0918		08:55					X		4	
SB-301-13-15-0918		09:~~05~~ 40					X		4	
DUP-01-0918		—						X	4	
DUP-01-0918		—					X		4	
TB-01		—		W				X	2	

240-101545 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Gregory Hrivnere	Date/Time: 9-19-18 / 1715	Company: Wood	Received by:	Date/Time: 9/20/18 915	Company: TAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 08/04/2016

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

0.8/C1.7

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-54477-23401.3
Client Contact: Ms. Rhonda Quinn	Phone:	E-Mail: patrick.omeara@testamericainc.com		Page: Page 3 of 3
Company: Wood E&I Solutions Inc				Job #:
Address: 1075 Big Shanty Road, NW Suite 100	Due Date Requested:			
City: Kennesaw	TAT Requested (days):			
State, Zip: GA, 30144				
Phone: 770-421-3516(Tel) 770-421-3486(Fax)	PO #: Purchase Order Requested			
Email: rhonda.quinn@woodplc.com	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C_SIM - 1,4-Dioxane-Nashville	8260B - (MOD) Custom Sublist VOCs-FAP	1010A - Flashpoint	8260B - TCLP ZHE Volatiles	Moisture - (MOD) Percent Solids	6010C, 7470A	8260C - (MOD) Custom Sublist VOCs	6010C, 7470A	9040C - pH					Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	A	D	N						
SB-307-0-2-0918	9-19-18	11:40	G	Solid				X												4	One for moisture
SB-307-3-5-0918	↓	12:00	↓	Solid				X												4	↓
SB-307-8-10-0918		12:05		~~SOLID~~ ~~Water~~				X												4	
SB-307-13-15-0918		11:45		~~SOLID~~ ~~Water~~				X												4	
SB-307-0-2-0918		11:40		~~SOLID~~ ~~Water~~			X													4	
SB-307-3-5-0918		12:00		~~SOLID~~ ~~Water~~			X													4	
SB-307-8-10-0918		12:05		~~SOLID~~ ~~Water~~			X													4	
SB-307-13-15-0918		11:45		~~SOLID~~ ~~Water~~			X													4	
TB-03		—		Water W				X												2	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Gregg Hartnett	Date/Time: 9-19-18 / 1715	Company: Wood	Received by:	Date/Time: 9/20/18 915	Company: TAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 08/04/2016

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

2.4/C3.3

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-54477-23401.1
Client Contact: Ms. Rhonda Quinn	Phone:	E-Mail: patrick.omeara@testamericainc.com		Page: Page 1 of 3
Company: Wood E&I Solutions Inc				Job #:
Address: 1075 Big Shanty Road, NW Suite 100	Due Date Requested:			
City: Kennesaw	TAT Requested (days):			
State, Zip: GA, 30144				
Phone: 770-421-3516(Tel) 770-421-3486(Fax)	PO #: Purchase Order Requested			
Email: rhonda.quinn@woodplc.com	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C_SIM - 1,4-Dioxane-Nashville	8260B - (MOD) Custom Sublist VOCs-FAP	1010A - Flashpoint	8260B - TCLP ZHE Volatiles	Moisture - (MOD) Percent Solids	6010C, 7470A	8260C - (MOD) Custom Sublist VOCs	6010C, 7470A	9040C - pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	A	D	N		
SB-308-0-2-0918	9-19-18	13:45	C	Solid				X								4	One for moisture
SB-308-3-5-0918		14:05		Solid				X								4	
SB-308-8-10-0918		14:25		Solid				X								4	
SB-308-13-15-0918		14:45		Solid				X								4	
SB-308-0-2-0918		13:45		Solid			X									4	
SB-308-3-5-0918		14:05		Solid			X									4	
SB-308-8-10-0918		14:25		Solid			X									4	
SB-308-13-15-0918		14:45		Solid			X									4	
TB-04		—		~~Solid~~ W				X								2	
				Solid													
				Solid													

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Gregory Hostrewer	9-19-18 / 1715			9/20/18 915	TAC

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

Ver: 08/04/2016

TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 161545
Canton Facility

Client Wood E&I Site Name _____ Cooler unpacked by: DSD

Cooler Received on 9/20/18 Opened on 9/20/18

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # TA Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☒ See Multiple Cooler Form
   IR GUN# IR-8 (CF +0.9 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #36 (CF +0.6°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 each Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Are these work share samples? Yes No
    If yes, Questions 12-16 have been checked at the originating laboratory.
12. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC849161**
13. Were VOAs on the COC? Yes No
14. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # N/A Yes No
16. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: DSD

18. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

19. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____.

WI-NC-099

TestAmerica Multiple Cooler Receipt Form/Narrative
Canton Facility

Login # : 101595

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
TA	8	2.4	3.3	ICE
↓	↓	0.8	1.7	↓
		2.0	2.9	

X:\X-Drive Document Control\SOPs\Work Instructions\Word Version Work Instructions\WI-NC-099H-071615 Cooler Receipt Form_page 2 - Multiple Coolers.doc rls

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-92785.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: patrick.omeara@testamericainc.com	State of Origin: Georgia	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note):		Job #: 240-101545-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 10/2/2018			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #:			
Email:	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_SIM/5035A_FP (MOD) 1,4-Dioxane-Pensacola	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-301-0-2-0918 (240-101545-1)	9/19/18	09:05 Eastern		Solid			X	3	
SB-301-3-5-0918 (240-101545-2)	9/19/18	09:20 Eastern		Solid			X	3	
SB-301-8-10-0918 (240-101545-3)	9/19/18	08:55 Eastern		Solid			X	3	FROZEN
SB-301-13-15-0918 (240-101545-4)	9/19/18	09:40 Eastern		Solid			X	3	TERRA
DUP-01-0918 (240-101545-5)	9/19/18	Eastern		Solid			X	3	
SB-307-0-2-0918 (240-101545-7)	9/19/18	11:40 Eastern		Solid			X	3	
SB-307-3-5-0918 (240-101545-8)	9/19/18	12:00 Eastern		Solid			X	3	
SB-307-8-10-0918 (240-101545-9)	9/19/18	12:05 Eastern		Solid			X	3	
SB-307-13-15-0918 (240-101545-10)	9/19/18	11:45 Eastern		Solid			X	3	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: RA	Date/Time: 9/20/18 1420	Company TA-CAN	Received by:	Date/Time: 9/21/18 0919	Company TACAN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 14.2°C		

Ver: 09/20/2016

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-92785.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: patrick.omeara@testamericainc.com	State of Origin: Georgia	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note):		Job #: 240-101545-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 10/2/2018			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #:			
Email:	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_SIM/5035A_FP (MOD) 1,4-Dioxane-Pensacola	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-308-0-2-0918 (240-101545-12)	9/19/18	13:45 Eastern		Solid			X	3	
SB-308-3-5-0918 (240-101545-13)	9/19/18	14:05 Eastern		Solid			X	3	
SB-308-8-10-0918 (240-101545-14)	9/19/18	14:25 Eastern		Solid			X	3	
SB-308-13-15-0918 (240-101545-15)	9/19/18	14:45 Eastern		Solid			X	3	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. I

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: R [illegible]	Date/Time: 9/20/18 1420	Company: 240	Received by: [illegible]	Date/Time: 9/21/18 0919	Company: TA/PG
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 09/20/2016

Login Sample Receipt Checklist

Client: Wood E&I Solutions Inc

Job Number: 240-101545-1

Login Number: 101545
List Number: 2
Creator: Perez, Trina M

List Source: TestAmerica Pensacola
List Creation: 09/21/18 04:03 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Refer to Job Narrative for details.
Cooler Temperature is acceptable.	False	Refer to Job Narrative for details.
Cooler Temperature is recorded.	True	14.2°C IR-8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	False	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-101614-1
Client Project/Site: Louisville, Ga - Thermo King

For:
Wood E&I Solutions Inc
1075 Big Shanty Road, NW
Suite 100
Kennesaw, Georgia 30144

Attn: Ms. Rhonda Quinn

Patrick O'Meara

Authorized for release by:
10/2/2018 12:11:53 PM

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.omeara@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 240-101614-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Wood E&I Solutions Inc

Project: Louisville, Ga - Thermo King

Report Number: 240-101614-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The 8260B Volatile Organic Compounds (GCMS SIM) analysis was performed at the TestAmerica Pensacola laboratory.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 9/21/2018 @ 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 1.5º C, 2.1º C and 2.7º C.

The samples for 1,4-dioxane 8260 SIM analysis were received in Pensacola lab on 9/25/2018 @ 8:00 AM (low level vials) at 0.0º C, and 9/26/2018 @ 09:41 AM (medium level vials) @ 25.2º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples SB-309-0-2-0918 (240-101614-1), SB-309-3-5-0918 (240-101614-2), SB-309-8-10-0918 (240-101614-3) and SB-309-13-15-0918 (240-101614-4) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 09/21/2018 and 09/24/2018 and analyzed on 09/27/2018 and 09/28/2018.

1,4-Dioxane failed the recovery criteria high for the MSD of sample SB-309-0-2-0918 (240-101614-1) in batch 240-347497. Trichloroethene exceeded the RPD limit.

The medium level soil analysis was used to report this sample which resulted in elevated reporting limits: SB-309-13-15-0918

Job ID: 240-101614-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

(240-101614-4). Both low level preserved soil analyses had poor purges (no internal standard or surrogate recoveries). Due to insufficient sample volume, re-preparation and re-analysis could not occur.

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

VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample TB-01 (240-101614-5) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The sample was analyzed on 09/28/2018.

The laboratory control sample (LCS) analyzed in batch 240-347657 was below the recovery control criteria for Bromdichloromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. The following sample associated with the LCS was non-detect for the affected analyte; therefore, the results were reported: TB-01 (240-101614-5) and (LCS 240-347657/8).

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

VOLATILE ORGANIC COMPOUNDS (GCMS SIM)

Samples SB-309-0-2-0918 (240-101614-1), SB-309-3-5-0918 (240-101614-2), SB-309-8-10-0918 (240-101614-3), SB-309-13-15-0918 (240-101614-4), SB-311-18-19-0918 (240-101614-6), SB-310-18-19-0918 (240-101614-7) and DUP-02-0918 (240-101614-8) were analyzed for volatile organic compounds (GCMS SIM) in accordance with EPA SW-846 Method 8260B SIM. The samples were prepared and analyzed on 09/27/2018.

Sample DUP-02-0918 (240-101614-8)[50X] required dilution prior to analysis. Both of the DI water containers for the following sample were received broken or leaking: DUP-02-0918 (240-101614-8); therefore, the sample was analyzed from the methanol vial. Elevated reporting limits are provided.

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

PERCENT SOLIDS

Samples SB-309-0-2-0918 (240-101614-1), SB-309-3-5-0918 (240-101614-2), SB-309-8-10-0918 (240-101614-3), SB-309-13-15-0918 (240-101614-4), SB-311-18-19-0918 (240-101614-6), SB-310-18-19-0918 (240-101614-7) and DUP-02-0918 (240-101614-8) were analyzed for percent solids in accordance with ASTM Method D2216-80. The samples were analyzed on 09/25/2018.

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

Method Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8260B SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
Moisture	Percent Moisture	EPA	TAL CAN
5030B	Purge and Trap	SW846	TAL CAN
5035	Closed System Purge and Trap	SW846	TAL CAN
5035	Closed System Purge and Trap	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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

Sample Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-101614-1	SB-309-0-2-0918	Solid	09/20/18 08:20	09/21/18 08:00
240-101614-2	SB-309-3-5-0918	Solid	09/20/18 08:55	09/21/18 08:00
240-101614-3	SB-309-8-10-0918	Solid	09/20/18 08:30	09/21/18 08:00
240-101614-4	SB-309-13-15-0918	Solid	09/20/18 08:15	09/21/18 08:00
240-101614-5	TB-01	Water	09/20/18 00:00	09/21/18 08:00
240-101614-6	SB-311-18-19-0918	Solid	09/20/18 10:05	09/21/18 08:00
240-101614-7	SB-310-18-19-0918	Solid	09/20/18 10:50	09/21/18 08:00
240-101614-8	DUP-02-0918	Solid	09/20/18 00:00	09/21/18 08:00

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: SB-309-0-2-0918

Date Collected: 09/20/18 08:20
Date Received: 09/21/18 08:00

Lab Sample ID: 240-101614-1

Matrix: Solid
Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.2		1.2		ug/Kg	☼	09/27/18 15:37	09/27/18 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*117*		*50 - 150*	*09/27/18 15:37*	*09/27/18 21:08*	*1*
4-Bromofluorobenzene	*92*		*50 - 150*	*09/27/18 15:37*	*09/27/18 21:08*	*1*
Toluene-d8 (Surr)	*78*		*50 - 150*	*09/27/18 15:37*	*09/27/18 21:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,1,1-Trichloroethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,1,2,2-Tetrachloroethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,1,2-Trichloroethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,1-Dichloroethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,1-Dichloroethene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,1-Dichloropropene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,2,3-Trichlorobenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,2,3-Trichloropropane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,2,4-Trichlorobenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,2,4-Trimethylbenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,2-Dibromo-3-Chloropropane	<11		11		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,2-Dibromoethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,2-Dichlorobenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,2-Dichloroethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,2-Dichloropropane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,3,5-Trimethylbenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,3-Dichlorobenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,3-Dichloropropane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,4-Dichlorobenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
1,4-Dioxane	<46	F1	46		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
2,2-Dichloropropane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
2-Chlorotoluene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
4-Chlorotoluene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Benzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Bromobenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Bromochloromethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Bromodichloromethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Bromoform	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Bromomethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Carbon tetrachloride	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Chlorobenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Chlorodibromomethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Chloroethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Chloroform	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Chloromethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
cis-1,2-Dichloroethene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Dibromomethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Dichlorodifluoromethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Ethylbenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Hexachlorobutadiene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: SB-309-0-2-0918

Date Collected: 09/20/18 08:20
Date Received: 09/21/18 08:00

Lab Sample ID: 240-101614-1

Matrix: Solid
Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Methylene Chloride	<29		29		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Naphthalene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
n-Butylbenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
N-Propylbenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
p-Isopropyltoluene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
sec-Butylbenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Styrene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
tert-Butylbenzene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Tetrachloroethene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Toluene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
trans-1,2-Dichloroethene	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Trichloroethene	**16**	**F2**	5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Trichlorofluoromethane	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Vinyl chloride	<5.7		5.7		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1
Xylenes, Total	<11		11		ug/Kg	☼	09/21/18 08:10	09/27/18 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*48 - 123*	*09/21/18 08:10*	*09/27/18 16:34*	*1*
4-Bromofluorobenzene (Surr)	*91*		*49 - 141*	*09/21/18 08:10*	*09/27/18 16:34*	*1*
Dibromofluoromethane (Surr)	*89*		*49 - 132*	*09/21/18 08:10*	*09/27/18 16:34*	*1*
Toluene-d8 (Surr)	*91*		*62 - 135*	*09/21/18 08:10*	*09/27/18 16:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85.0**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: SB-309-3-5-0918

Date Collected: 09/20/18 08:55
Date Received: 09/21/18 08:00

Lab Sample ID: 240-101614-2

Matrix: Solid
Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.1		1.1		ug/Kg	☼	09/27/18 15:37	09/27/18 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*118*		*50 - 150*	*09/27/18 15:37*	*09/27/18 21:34*	*1*
4-Bromofluorobenzene	*94*		*50 - 150*	*09/27/18 15:37*	*09/27/18 21:34*	*1*
Toluene-d8 (Surr)	*80*		*50 - 150*	*09/27/18 15:37*	*09/27/18 21:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,1-Dichloropropene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,2,3-Trichlorobenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,2,3-Trichloropropane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,2,4-Trichlorobenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,2-Dibromoethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,3,5-Trimethylbenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,3-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
1,4-Dioxane	<40		40		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
2,2-Dichloropropane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
2-Chlorotoluene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
4-Chlorotoluene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Benzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Bromobenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Bromochloromethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Bromodichloromethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Bromoform	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Bromomethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Carbon tetrachloride	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Chlorobenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Chlorodibromomethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Chloroethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Chloroform	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Chloromethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Dibromomethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Dichlorodifluoromethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Ethylbenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Hexachlorobutadiene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: SB-309-3-5-0918

Date Collected: 09/20/18 08:55
Date Received: 09/21/18 08:00

Lab Sample ID: 240-101614-2

Matrix: Solid
Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Methylene Chloride	<25		25		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Naphthalene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
n-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
N-Propylbenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
p-Isopropyltoluene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
sec-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Styrene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
tert-Butylbenzene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Tetrachloroethene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Toluene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Trichloroethene	**40**		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Trichlorofluoromethane	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Vinyl chloride	<5.0		5.0		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1
Xylenes, Total	<10		10		ug/Kg	☼	09/21/18 08:10	09/27/18 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*48 - 123*	*09/21/18 08:10*	*09/27/18 17:51*	*1*
4-Bromofluorobenzene (Surr)	*92*		*49 - 141*	*09/21/18 08:10*	*09/27/18 17:51*	*1*
Dibromofluoromethane (Surr)	*89*		*49 - 132*	*09/21/18 08:10*	*09/27/18 17:51*	*1*
Toluene-d8 (Surr)	*94*		*62 - 135*	*09/21/18 08:10*	*09/27/18 17:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**84.6**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: SB-309-8-10-0918

Date Collected: 09/20/18 08:30
Date Received: 09/21/18 08:00

Lab Sample ID: 240-101614-3

Matrix: Solid
Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.97		0.97		ug/Kg	☼	09/27/18 15:37	09/27/18 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*119*		*50 - 150*	*09/27/18 15:37*	*09/27/18 21:59*	*1*
4-Bromofluorobenzene	*92*		*50 - 150*	*09/27/18 15:37*	*09/27/18 21:59*	*1*
Toluene-d8 (Surr)	*76*		*50 - 150*	*09/27/18 15:37*	*09/27/18 21:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,1,1-Trichloroethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,1,2,2-Tetrachloroethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,1,2-Trichloroethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,1-Dichloroethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,1-Dichloroethene	**6.8**		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,1-Dichloropropene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,2,3-Trichlorobenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,2,3-Trichloropropane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,2,4-Trichlorobenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,2,4-Trimethylbenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,2-Dibromo-3-Chloropropane	<9.2		9.2		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,2-Dibromoethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,2-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,2-Dichloroethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,2-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,3,5-Trimethylbenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,3-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,3-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,4-Dichlorobenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
1,4-Dioxane	<37		37		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
2,2-Dichloropropane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
2-Chlorotoluene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
4-Chlorotoluene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Benzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Bromobenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Bromochloromethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Bromodichloromethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Bromoform	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Bromomethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Carbon tetrachloride	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Chlorobenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Chlorodibromomethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Chloroethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Chloroform	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Chloromethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
cis-1,2-Dichloroethene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Dibromomethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Dichlorodifluoromethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Ethylbenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Hexachlorobutadiene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: SB-309-8-10-0918

Date Collected: 09/20/18 08:30
Date Received: 09/21/18 08:00

Lab Sample ID: 240-101614-3

Matrix: Solid
Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Methylene Chloride	<23		23		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Naphthalene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
n-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
N-Propylbenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
p-Isopropyltoluene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
sec-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Styrene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
tert-Butylbenzene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Tetrachloroethene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Toluene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
trans-1,2-Dichloroethene	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Trichloroethene	**55**		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Trichlorofluoromethane	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Vinyl chloride	<4.6		4.6		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1
Xylenes, Total	<9.2		9.2		ug/Kg	☼	09/21/18 08:10	09/27/18 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*48 - 123*	*09/21/18 08:10*	*09/27/18 18:17*	*1*
4-Bromofluorobenzene (Surr)	*91*		*49 - 141*	*09/21/18 08:10*	*09/27/18 18:17*	*1*
Dibromofluoromethane (Surr)	*88*		*49 - 132*	*09/21/18 08:10*	*09/27/18 18:17*	*1*
Toluene-d8 (Surr)	*92*		*62 - 135*	*09/21/18 08:10*	*09/27/18 18:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.2**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: SB-309-13-15-0918

Date Collected: 09/20/18 08:15
Date Received: 09/21/18 08:00

Lab Sample ID: 240-101614-4

Matrix: Solid
Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.95		0.95		ug/Kg	☼	09/27/18 15:37	09/27/18 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*121*		*50 - 150*	*09/27/18 15:37*	*09/27/18 22:24*	*1*
4-Bromofluorobenzene	*94*		*50 - 150*	*09/27/18 15:37*	*09/27/18 22:24*	*1*
Toluene-d8 (Surr)	*78*		*50 - 150*	*09/27/18 15:37*	*09/27/18 22:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,1,1-Trichloroethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,1,2,2-Tetrachloroethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,1,2-Trichloroethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,1-Dichloroethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,1-Dichloroethene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,1-Dichloropropene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,2,3-Trichlorobenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,2,3-Trichloropropane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,2,4-Trichlorobenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,2,4-Trimethylbenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,2-Dibromo-3-Chloropropane	<580		580		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,2-Dibromoethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,2-Dichlorobenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,2-Dichloroethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,2-Dichloropropane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,3,5-Trimethylbenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,3-Dichlorobenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,3-Dichloropropane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,4-Dichlorobenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
1,4-Dioxane	<2300		2300		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
2,2-Dichloropropane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
2-Chlorotoluene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
4-Chlorotoluene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Benzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Bromobenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Bromochloromethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Bromodichloromethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Bromoform	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Bromomethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Carbon tetrachloride	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Chlorobenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Chlorodibromomethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Chloroethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Chloroform	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Chloromethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
cis-1,2-Dichloroethene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Dibromomethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Dichlorodifluoromethane	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Ethylbenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Hexachlorobutadiene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: SB-309-13-15-0918

Date Collected: 09/20/18 08:15
Date Received: 09/21/18 08:00

Lab Sample ID: 240-101614-4

Matrix: Solid
Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Methylene Chloride	<580		580		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Naphthalene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
n-Butylbenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
N-Propylbenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
p-Isopropyltoluene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
sec-Butylbenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Styrene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
tert-Butylbenzene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Tetrachloroethene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Toluene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
trans-1,2-Dichloroethene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Trichloroethene	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Trichlorofluoromethane	<290	*	290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Vinyl chloride	<290		290		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1
Xylenes, Total	<580		580		ug/Kg	☼	09/24/18 20:08	09/28/18 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*53 - 155*	*09/24/18 20:08*	*09/28/18 12:38*	*1*
4-Bromofluorobenzene (Surr)	*91*		*48 - 151*	*09/24/18 20:08*	*09/28/18 12:38*	*1*
Dibromofluoromethane (Surr)	*85*		*49 - 138*	*09/24/18 20:08*	*09/28/18 12:38*	*1*
Toluene-d8 (Surr)	*95*		*49 - 147*	*09/24/18 20:08*	*09/28/18 12:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85.5**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: TB-01

Date Collected: 09/20/18 00:00
Date Received: 09/21/18 08:00

Lab Sample ID: 240-101614-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			09/28/18 16:48	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			09/28/18 16:48	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			09/28/18 16:48	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			09/28/18 16:48	1
1,1-Dichloroethane	<1.0		1.0		ug/L			09/28/18 16:48	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/28/18 16:48	1
1,1-Dichloropropene	<1.0		1.0		ug/L			09/28/18 16:48	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			09/28/18 16:48	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
1,2-Dibromo-3-Chloropropane	<2.0		2.0		ug/L			09/28/18 16:48	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
1,2-Dichloroethane	<1.0		1.0		ug/L			09/28/18 16:48	1
1,2-Dichloropropane	<1.0		1.0		ug/L			09/28/18 16:48	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
1,3-Dichloropropane	<1.0		1.0		ug/L			09/28/18 16:48	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
1,4-Dioxane	<50		50		ug/L			09/28/18 16:48	1
2,2-Dichloropropane	<1.0		1.0		ug/L			09/28/18 16:48	1
2-Chlorotoluene	<1.0		1.0		ug/L			09/28/18 16:48	1
4-Chlorotoluene	<1.0		1.0		ug/L			09/28/18 16:48	1
p-Isopropyltoluene	<1.0		1.0		ug/L			09/28/18 16:48	1
Benzene	<1.0		1.0		ug/L			09/28/18 16:48	1
Bromobenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
Bromoform	<1.0		1.0		ug/L			09/28/18 16:48	1
Bromomethane	<1.0		1.0		ug/L			09/28/18 16:48	1
Carbon tetrachloride	<1.0		1.0		ug/L			09/28/18 16:48	1
Chlorobenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
Chlorodibromomethane	<1.0		1.0		ug/L			09/28/18 16:48	1
Chloroethane	<1.0		1.0		ug/L			09/28/18 16:48	1
Chloroform	<1.0		1.0		ug/L			09/28/18 16:48	1
Chloromethane	<1.0		1.0		ug/L			09/28/18 16:48	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/18 16:48	1
Dibromomethane	<1.0		1.0		ug/L			09/28/18 16:48	1
Bromochloromethane	<1.0		1.0		ug/L			09/28/18 16:48	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			09/28/18 16:48	1
Bromodichloromethane	<1.0	*	1.0		ug/L			09/28/18 16:48	1
Ethylbenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
Hexachlorobutadiene	<1.0		1.0		ug/L			09/28/18 16:48	1
Isopropylbenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
Methylene Chloride	<5.0		5.0		ug/L			09/28/18 16:48	1
Naphthalene	<1.0		1.0		ug/L			09/28/18 16:48	1
n-Butylbenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
N-Propylbenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
sec-Butylbenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
Styrene	<1.0		1.0		ug/L			09/28/18 16:48	1
Tetrachloroethene	<1.0		1.0		ug/L			09/28/18 16:48	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: TB-01

Date Collected: 09/20/18 00:00
Date Received: 09/21/18 08:00

Lab Sample ID: 240-101614-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<1.0		1.0		ug/L			09/28/18 16:48	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/18 16:48	1
Trichloroethene	<1.0		1.0		ug/L			09/28/18 16:48	1
Trichlorofluoromethane	<1.0		1.0		ug/L			09/28/18 16:48	1
Vinyl chloride	<1.0		1.0		ug/L			09/28/18 16:48	1
Xylenes, Total	<2.0		2.0		ug/L			09/28/18 16:48	1
tert-Butylbenzene	<1.0		1.0		ug/L			09/28/18 16:48	1
1,2-Dibromoethane	<1.0		1.0		ug/L			09/28/18 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*73 - 120*		*09/28/18 16:48*	*1*
Dibromofluoromethane (Surr)	*86*		*69 - 124*		*09/28/18 16:48*	*1*
4-Bromofluorobenzene (Surr)	*100*		*69 - 120*		*09/28/18 16:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*61 - 138*		*09/28/18 16:48*	*1*

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: SB-311-18-19-0918

Date Collected: 09/20/18 10:05
Date Received: 09/21/18 08:00

Lab Sample ID: 240-101614-6

Matrix: Solid
Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.94		0.94		ug/Kg	☼	09/27/18 15:37	09/27/18 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*120*		*50 - 150*	*09/27/18 15:37*	*09/27/18 22:50*	*1*
4-Bromofluorobenzene	*89*		*50 - 150*	*09/27/18 15:37*	*09/27/18 22:50*	*1*
Toluene-d8 (Surr)	*82*		*50 - 150*	*09/27/18 15:37*	*09/27/18 22:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87.1**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: SB-310-18-19-0918

Date Collected: 09/20/18 10:50
Date Received: 09/21/18 08:00

Lab Sample ID: 240-101614-7

Matrix: Solid
Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.0		1.0		ug/Kg	☼	09/27/18 15:37	09/27/18 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*118*		*50 - 150*	*09/27/18 15:37*	*09/27/18 18:12*	*1*
4-Bromofluorobenzene	*94*		*50 - 150*	*09/27/18 15:37*	*09/27/18 18:12*	*1*
Toluene-d8 (Surr)	*79*		*50 - 150*	*09/27/18 15:37*	*09/27/18 18:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85.3**		0.1		%			09/25/18 13:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: DUP-02-0918

Date Collected: 09/20/18 00:00
Date Received: 09/21/18 08:00

Lab Sample ID: 240-101614-8

Matrix: Solid
Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<48		48		ug/Kg	☼	09/27/18 16:52	09/27/18 23:15	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*118*		*50 - 150*	*09/27/18 16:52*	*09/27/18 23:15*	*50*
4-Bromofluorobenzene	*93*		*50 - 150*	*09/27/18 16:52*	*09/27/18 23:15*	*50*
Toluene-d8 (Surr)	*79*		*50 - 150*	*09/27/18 16:52*	*09/27/18 23:15*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87.3**		0.1		%			09/25/18 13:02	1

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

Lab Sample ID: MB 240-346986/1-A
Matrix: Solid
Analysis Batch: 347499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 346986

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,1,1-Trichloroethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,1,2,2-Tetrachloroethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,1,2-Trichloroethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,1-Dichloroethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,1-Dichloroethene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,1-Dichloropropene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,2,3-Trichlorobenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,2,3-Trichloropropane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,2,4-Trichlorobenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,2,4-Trimethylbenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,2-Dibromo-3-Chloropropane	<500		500		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,2-Dichlorobenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,2-Dichloroethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,2-Dichloropropane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,3,5-Trimethylbenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,3-Dichlorobenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,3-Dichloropropane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,4-Dichlorobenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,4-Dioxane	<2000		2000		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
2,2-Dichloropropane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
2-Chlorotoluene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
4-Chlorotoluene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Benzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Bromobenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Bromoform	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Bromomethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Carbon tetrachloride	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Chlorobenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Chlorodibromomethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Chloroethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Chloroform	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Bromochloromethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Chloromethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
cis-1,2-Dichloroethene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Bromodichloromethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Dibromomethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Dichlorodifluoromethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Ethylbenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Hexachlorobutadiene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Isopropylbenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Methylene Chloride	<500		500		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Naphthalene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
n-Butylbenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
N-Propylbenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
p-Isopropyltoluene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
sec-Butylbenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Styrene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1

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

Lab Sample ID: MB 240-346986/1-A
Matrix: Solid
Analysis Batch: 347499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 346986

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Toluene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
tert-Butylbenzene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
trans-1,2-Dichloroethene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
1,2-Dibromoethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Trichloroethene	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Trichlorofluoromethane	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Vinyl chloride	<250		250		ug/Kg		09/24/18 20:08	09/27/18 16:52	1
Xylenes, Total	<500		500		ug/Kg		09/24/18 20:08	09/27/18 16:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*77*		*49 - 147*	*09/24/18 20:08*	*09/27/18 16:52*	*1*
Dibromofluoromethane (Surr)	*76*		*49 - 138*	*09/24/18 20:08*	*09/27/18 16:52*	*1*
4-Bromofluorobenzene (Surr)	*91*		*48 - 151*	*09/24/18 20:08*	*09/27/18 16:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*79*		*53 - 155*	*09/24/18 20:08*	*09/27/18 16:52*	*1*

Lab Sample ID: LCS 240-346986/2-A
Matrix: Solid
Analysis Batch: 347499

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 346986

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	1000	947		ug/Kg		95	73 - 124
1,1,1-Trichloroethane	1000	848		ug/Kg		85	64 - 135
1,1,2,2-Tetrachloroethane	1000	1030		ug/Kg		103	68 - 128
1,1,2-Trichloroethane	1000	1030		ug/Kg		103	78 - 120
1,1-Dichloroethane	1000	879		ug/Kg		88	72 - 122
1,1-Dichloroethene	1000	644		ug/Kg		64	57 - 139
1,1-Dichloropropene	1000	895		ug/Kg		90	72 - 127
1,2,3-Trichlorobenzene	1000	803		ug/Kg		80	59 - 120
1,2,3-Trichloropropane	1000	1010		ug/Kg		101	68 - 128
1,2,4-Trichlorobenzene	1000	772		ug/Kg		77	54 - 120
1,2,4-Trimethylbenzene	1000	1020		ug/Kg		102	75 - 121
1,2-Dibromo-3-Chloropropane	1000	826		ug/Kg		83	38 - 135
1,2-Dichlorobenzene	1000	920		ug/Kg		92	73 - 120
1,2-Dichloroethane	1000	893		ug/Kg		89	64 - 126
1,2-Dichloropropane	1000	989		ug/Kg		99	78 - 122
1,3,5-Trimethylbenzene	1000	1020		ug/Kg		102	76 - 124
1,3-Dichlorobenzene	1000	932		ug/Kg		93	70 - 120
1,3-Dichloropropane	1000	1020		ug/Kg		102	76 - 120
1,4-Dichlorobenzene	1000	904		ug/Kg		90	71 - 120
1,4-Dioxane	20000	20900		ug/Kg		104	51 - 140
2,2-Dichloropropane	1000	825		ug/Kg		82	42 - 143
2-Chlorotoluene	1000	966		ug/Kg		97	75 - 120
4-Chlorotoluene	1000	938		ug/Kg		94	74 - 121
Benzene	1000	927		ug/Kg		93	74 - 123
Bromobenzene	1000	944		ug/Kg		94	75 - 120
Bromoform	1000	815		ug/Kg		81	46 - 137
Bromomethane	1000	170	J	ug/Kg		17	10 - 152

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

Lab Sample ID: LCS 240-346986/2-A
Matrix: Solid
Analysis Batch: 347499

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 346986

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	1000	777		ug/Kg		78	56 - 139
Chlorobenzene	1000	943		ug/Kg		94	80 - 120
Chlorodibromomethane	1000	855		ug/Kg		85	58 - 131
Chloroethane	1000	<150		ug/Kg		15	15 - 155
Chloroform	1000	910		ug/Kg		91	72 - 124
Bromochloromethane	1000	885		ug/Kg		89	72 - 124
Chloromethane	1000	479		ug/Kg		48	45 - 128
cis-1,2-Dichloroethene	1000	876		ug/Kg		88	74 - 123
Bromodichloromethane	1000	894		ug/Kg		89	63 - 132
Dibromomethane	1000	895		ug/Kg		89	71 - 122
Dichlorodifluoromethane	1000	350		ug/Kg		35	26 - 138
Ethylbenzene	1000	976		ug/Kg		98	76 - 120
Hexachlorobutadiene	1000	830		ug/Kg		83	58 - 122
Isopropylbenzene	1000	996		ug/Kg		100	77 - 124
Methylene Chloride	1000	911		ug/Kg		91	62 - 137
Naphthalene	1000	889		ug/Kg		89	51 - 120
n-Butylbenzene	1000	929		ug/Kg		93	64 - 133
N-Propylbenzene	1000	1010		ug/Kg		101	73 - 129
p-Isopropyltoluene	1000	1040		ug/Kg		104	74 - 124
sec-Butylbenzene	1000	1050		ug/Kg		105	73 - 126
Styrene	1000	997		ug/Kg		100	76 - 121
Tetrachloroethene	1000	873		ug/Kg		87	76 - 120
Toluene	1000	1120		ug/Kg		112	76 - 120
tert-Butylbenzene	1000	1060		ug/Kg		106	73 - 122
trans-1,2-Dichloroethene	1000	867		ug/Kg		87	71 - 133
1,2-Dibromoethane	1000	975		ug/Kg		97	76 - 120
Trichloroethene	1000	862		ug/Kg		86	73 - 126
Trichlorofluoromethane	1000	452	*	ug/Kg		45	47 - 146
Vinyl chloride	1000	557		ug/Kg		56	52 - 130
Xylenes, Total	2000	2030		ug/Kg		101	79 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*77*		*49 - 147*
Dibromofluoromethane (Surr)	*78*		*49 - 138*
4-Bromofluorobenzene (Surr)	*93*		*48 - 151*
1,2-Dichloroethane-d4 (Surr)	*79*		*53 - 155*

Lab Sample ID: 240-101614-1 MS
Matrix: Solid
Analysis Batch: 347497

Client Sample ID: SB-309-0-2-0918
Prep Type: Total/NA
Prep Batch: 347095

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<5.7		51.9	38.0		ug/Kg	☼	73	16 - 137
1,1,1-Trichloroethane	<5.7		51.9	29.2		ug/Kg	☼	56	38 - 143
1,1,2,2-Tetrachloroethane	<5.7		51.9	52.3		ug/Kg	☼	101	16 - 178
1,1,2-Trichloroethane	<5.7		51.9	49.1		ug/Kg	☼	95	31 - 151
1,1-Dichloroethane	<5.7		51.9	37.0		ug/Kg	☼	71	50 - 133
1,1-Dichloroethene	<5.7		51.9	34.5		ug/Kg	☼	64	36 - 150

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

Lab Sample ID: 240-101614-1 MS
Matrix: Solid
Analysis Batch: 347497

Client Sample ID: SB-309-0-2-0918
Prep Type: Total/NA
Prep Batch: 347095

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloropropene	<5.7		51.9	29.7		ug/Kg	☼	57	30 - 138
1,2,3-Trichlorobenzene	<5.7		51.9	35.0		ug/Kg	☼	67	10 - 120
1,2,3-Trichloropropane	<5.7		51.9	52.9		ug/Kg	☼	102	10 - 178
1,2,4-Trichlorobenzene	<5.7		51.9	32.6		ug/Kg	☼	63	10 - 120
1,2,4-Trimethylbenzene	<5.7		51.9	32.7		ug/Kg	☼	63	10 - 149
1,2-Dibromo-3-Chloropropane	<11		51.9	48.9		ug/Kg	☼	94	10 - 141
1,2-Dibromoethane	<5.7		51.9	47.9		ug/Kg	☼	92	36 - 125
1,2-Dichlorobenzene	<5.7		51.9	38.4		ug/Kg	☼	74	10 - 130
1,2-Dichloroethane	<5.7		51.9	42.7		ug/Kg	☼	82	42 - 127
1,2-Dichloropropane	<5.7		51.9	42.1		ug/Kg	☼	81	51 - 128
1,3,5-Trimethylbenzene	<5.7		51.9	31.6		ug/Kg	☼	61	10 - 155
1,3-Dichlorobenzene	<5.7		51.9	35.5		ug/Kg	☼	68	10 - 131
1,3-Dichloropropane	<5.7		51.9	44.5		ug/Kg	☼	86	34 - 121
1,4-Dichlorobenzene	<5.7		51.9	36.0		ug/Kg	☼	69	10 - 130
1,4-Dioxane	<46	F1	1040	1490		ug/Kg	☼	143	62 - 158
2,2-Dichloropropane	<5.7		51.9	27.9		ug/Kg	☼	54	20 - 141
2-Chlorotoluene	<5.7		51.9	33.7		ug/Kg	☼	65	10 - 179
4-Chlorotoluene	<5.7		51.9	34.2		ug/Kg	☼	66	10 - 158
Benzene	<5.7		51.9	36.8		ug/Kg	☼	71	39 - 133
Bromobenzene	<5.7		51.9	39.3		ug/Kg	☼	76	10 - 164
Bromochloromethane	<5.7		51.9	47.9		ug/Kg	☼	92	36 - 147
Bromodichloromethane	<5.7		51.9	41.4		ug/Kg	☼	80	32 - 129
Bromoform	<5.7		51.9	47.1		ug/Kg	☼	91	18 - 120
Bromomethane	<5.7		20.8	15.3		ug/Kg	☼	74	10 - 159
Carbon tetrachloride	<5.7		51.9	26.9		ug/Kg	☼	52	22 - 142
Chlorobenzene	<5.7		51.9	36.3		ug/Kg	☼	70	21 - 131
Chlorodibromomethane	<5.7		51.9	44.0		ug/Kg	☼	85	27 - 126
Chloroethane	<5.7		20.8	13.5		ug/Kg	☼	65	17 - 162
Chloroform	<5.7		51.9	38.3		ug/Kg	☼	74	51 - 130
Chloromethane	<5.7		20.8	13.5		ug/Kg	☼	65	26 - 149
cis-1,2-Dichloroethene	<5.7		51.9	40.0		ug/Kg	☼	77	50 - 128
Dibromomethane	<5.7		51.9	46.7		ug/Kg	☼	90	37 - 138
Dichlorodifluoromethane	<5.7		20.8	8.39		ug/Kg	☼	40	15 - 150
Ethylbenzene	<5.7		51.9	33.2		ug/Kg	☼	64	20 - 135
Hexachlorobutadiene	<5.7		51.9	22.9		ug/Kg	☼	44	10 - 120
Isopropylbenzene	<5.7		51.9	32.1		ug/Kg	☼	62	20 - 138
Methylene Chloride	<29		51.9	39.5		ug/Kg	☼	76	39 - 145
Naphthalene	<5.7		51.9	42.2		ug/Kg	☼	81	10 - 120
n-Butylbenzene	<5.7		51.9	25.9		ug/Kg	☼	50	10 - 149
N-Propylbenzene	<5.7		51.9	31.2		ug/Kg	☼	60	10 - 162
p-Isopropyltoluene	<5.7		51.9	28.2		ug/Kg	☼	54	10 - 142
sec-Butylbenzene	<5.7		51.9	29.9		ug/Kg	☼	58	10 - 156
Styrene	<5.7		51.9	35.6		ug/Kg	☼	69	10 - 134
tert-Butylbenzene	<5.7		51.9	30.2		ug/Kg	☼	58	10 - 148
Tetrachloroethene	<5.7		51.9	28.6		ug/Kg	☼	55	20 - 151
Toluene	<5.7		51.9	34.5		ug/Kg	☼	66	29 - 141
trans-1,2-Dichloroethene	<5.7		51.9	37.0		ug/Kg	☼	71	44 - 141
Trichloroethene	16	F2	51.9	72.2		ug/Kg	☼	108	25 - 148

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

Lab Sample ID: 240-101614-1 MS — **Client Sample ID: SB-309-0-2-0918**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347497 — **Prep Batch: 347095**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichlorofluoromethane	<5.7		20.8	10.3		ug/Kg	☼	50	38 - 149
Vinyl chloride	<5.7		20.8	12.0		ug/Kg	☼	58	31 - 148
Xylenes, Total	<11		104	69.4		ug/Kg	☼	67	19 - 137

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*78*		*48 - 123*
4-Bromofluorobenzene (Surr)	*91*		*49 - 141*
Dibromofluoromethane (Surr)	*89*		*49 - 132*
Toluene-d8 (Surr)	*91*		*62 - 135*

Lab Sample ID: 240-101614-1 MSD — **Client Sample ID: SB-309-0-2-0918**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347497 — **Prep Batch: 347095**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<5.7		51.0	33.3		ug/Kg	☼	65	16 - 137	13	40
1,1,1-Trichloroethane	<5.7		51.0	24.8		ug/Kg	☼	49	38 - 143	16	40
1,1,2,2-Tetrachloroethane	<5.7		51.0	50.4		ug/Kg	☼	99	16 - 178	4	40
1,1,2-Trichloroethane	<5.7		51.0	45.2		ug/Kg	☼	89	31 - 151	8	40
1,1-Dichloroethane	<5.7		51.0	33.1		ug/Kg	☼	65	50 - 133	11	40
1,1-Dichloroethene	<5.7		51.0	27.1		ug/Kg	☼	50	36 - 150	24	40
1,1-Dichloropropene	<5.7		51.0	25.4		ug/Kg	☼	50	30 - 138	15	36
1,2,3-Trichlorobenzene	<5.7		51.0	32.0		ug/Kg	☼	63	10 - 120	9	40
1,2,3-Trichloropropane	<5.7		51.0	52.6		ug/Kg	☼	103	10 - 178	0	40
1,2,4-Trichlorobenzene	<5.7		51.0	29.7		ug/Kg	☼	58	10 - 120	9	40
1,2,4-Trimethylbenzene	<5.7		51.0	28.2		ug/Kg	☼	55	10 - 149	15	40
1,2-Dibromo-3-Chloropropane	<11		51.0	46.6		ug/Kg	☼	91	10 - 141	5	40
1,2-Dibromoethane	<5.7		51.0	45.8		ug/Kg	☼	90	36 - 125	4	40
1,2-Dichlorobenzene	<5.7		51.0	34.6		ug/Kg	☼	68	10 - 130	11	40
1,2-Dichloroethane	<5.7		51.0	40.9		ug/Kg	☼	80	42 - 127	4	34
1,2-Dichloropropane	<5.7		51.0	38.5		ug/Kg	☼	76	51 - 128	9	36
1,3,5-Trimethylbenzene	<5.7		51.0	26.9		ug/Kg	☼	53	10 - 155	16	40
1,3-Dichlorobenzene	<5.7		51.0	31.0		ug/Kg	☼	61	10 - 131	13	40
1,3-Dichloropropane	<5.7		51.0	41.9		ug/Kg	☼	82	34 - 121	6	40
1,4-Dichlorobenzene	<5.7		51.0	32.7		ug/Kg	☼	64	10 - 130	9	40
1,4-Dioxane	<46	F1	1020	1650	F1	ug/Kg	☼	162	62 - 158	10	40
2,2-Dichloropropane	<5.7		51.0	24.2		ug/Kg	☼	47	20 - 141	14	40
2-Chlorotoluene	<5.7		51.0	29.3		ug/Kg	☼	57	10 - 179	14	40
4-Chlorotoluene	<5.7		51.0	30.0		ug/Kg	☼	59	10 - 158	13	40
Benzene	<5.7		51.0	32.3		ug/Kg	☼	63	39 - 133	13	40
Bromobenzene	<5.7		51.0	34.6		ug/Kg	☼	68	10 - 164	12	40
Bromochloromethane	<5.7		51.0	44.2		ug/Kg	☼	87	36 - 147	8	40
Bromodichloromethane	<5.7		51.0	38.5		ug/Kg	☼	76	32 - 129	7	39
Bromoform	<5.7		51.0	44.1		ug/Kg	☼	86	18 - 120	7	40
Bromomethane	<5.7		20.4	13.7		ug/Kg	☼	67	10 - 159	11	40
Carbon tetrachloride	<5.7		51.0	22.5		ug/Kg	☼	44	22 - 142	18	40
Chlorobenzene	<5.7		51.0	31.9		ug/Kg	☼	62	21 - 131	13	40
Chlorodibromomethane	<5.7		51.0	42.6		ug/Kg	☼	84	27 - 126	3	40

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

Lab Sample ID: 240-101614-1 MSD — **Client Sample ID: SB-309-0-2-0918**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347497 — **Prep Batch: 347095**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroethane	<5.7		20.4	11.5		ug/Kg	☼	56	17 - 162	16	40
Chloroform	<5.7		51.0	34.1		ug/Kg	☼	67	51 - 130	12	32
Chloromethane	<5.7		20.4	11.9		ug/Kg	☼	58	26 - 149	12	37
cis-1,2-Dichloroethene	<5.7		51.0	36.3		ug/Kg	☼	71	50 - 128	10	40
Dibromomethane	<5.7		51.0	44.5		ug/Kg	☼	87	37 - 138	5	30
Dichlorodifluoromethane	<5.7		20.4	7.36		ug/Kg	☼	36	15 - 150	13	31
Ethylbenzene	<5.7		51.0	28.3		ug/Kg	☼	55	20 - 135	16	40
Hexachlorobutadiene	<5.7		51.0	19.9		ug/Kg	☼	39	10 - 120	14	40
Isopropylbenzene	<5.7		51.0	27.1		ug/Kg	☼	53	20 - 138	17	40
Methylene Chloride	<29		51.0	36.2		ug/Kg	☼	71	39 - 145	9	40
Naphthalene	<5.7		51.0	41.4		ug/Kg	☼	81	10 - 120	2	40
n-Butylbenzene	<5.7		51.0	21.6		ug/Kg	☼	42	10 - 149	18	40
N-Propylbenzene	<5.7		51.0	26.0		ug/Kg	☼	51	10 - 162	18	40
p-Isopropyltoluene	<5.7		51.0	23.8		ug/Kg	☼	47	10 - 142	17	40
sec-Butylbenzene	<5.7		51.0	24.8		ug/Kg	☼	49	10 - 156	19	40
Styrene	<5.7		51.0	31.3		ug/Kg	☼	61	10 - 134	13	40
tert-Butylbenzene	<5.7		51.0	25.0		ug/Kg	☼	49	10 - 148	19	40
Tetrachloroethene	<5.7		51.0	23.9		ug/Kg	☼	47	20 - 151	18	40
Toluene	<5.7		51.0	30.0		ug/Kg	☼	59	29 - 141	14	40
trans-1,2-Dichloroethene	<5.7		51.0	32.2		ug/Kg	☼	63	44 - 141	14	40
Trichloroethene	16	F2	51.0	41.5	F2	ug/Kg	☼	50	25 - 148	54	40
Trichlorofluoromethane	<5.7		20.4	8.63		ug/Kg	☼	42	38 - 149	18	39
Vinyl chloride	<5.7		20.4	10.5		ug/Kg	☼	51	31 - 148	14	37
Xylenes, Total	<11		102	58.7		ug/Kg	☼	58	19 - 137	17	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*48 - 123*
4-Bromofluorobenzene (Surr)	*92*		*49 - 141*
Dibromofluoromethane (Surr)	*91*		*49 - 132*
Toluene-d8 (Surr)	*90*		*62 - 135*

Lab Sample ID: MB 240-347497/13 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347497

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,1-Dichloropropene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,2,3-Trichlorobenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,2,3-Trichloropropane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,2,4-Trichlorobenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg			09/27/18 15:18	1

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

Lab Sample ID: MB 240-347497/13
Matrix: Solid
Analysis Batch: 347497

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,3,5-Trimethylbenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,3-Dichloropropane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,4-Dioxane	<40		40		ug/Kg			09/27/18 15:18	1
2,2-Dichloropropane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
2-Chlorotoluene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
4-Chlorotoluene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Benzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Bromobenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Bromoform	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Bromomethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Carbon tetrachloride	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Chlorobenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Chlorodibromomethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Chloroethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Chloroform	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Bromochloromethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Chloromethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Bromodichloromethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Dibromomethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Dichlorodifluoromethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Ethylbenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Hexachlorobutadiene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Isopropylbenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Methylene Chloride	<25		25		ug/Kg			09/27/18 15:18	1
Naphthalene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
n-Butylbenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
N-Propylbenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
p-Isopropyltoluene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
sec-Butylbenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Styrene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Tetrachloroethene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Toluene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
tert-Butylbenzene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
1,2-Dibromoethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Trichloroethene	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Trichlorofluoromethane	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Vinyl chloride	<5.0		5.0		ug/Kg			09/27/18 15:18	1
Xylenes, Total	<10		10		ug/Kg			09/27/18 15:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*62 - 135*		*09/27/18 15:18*	*1*

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

Lab Sample ID: MB 240-347497/13
Matrix: Solid
Analysis Batch: 347497

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	85		49 - 132		09/27/18 15:18	1
4-Bromofluorobenzene (Surr)	89		49 - 141		09/27/18 15:18	1
1,2-Dichloroethane-d4 (Surr)	78		48 - 123		09/27/18 15:18	1

Lab Sample ID: LCS 240-347497/12
Matrix: Solid
Analysis Batch: 347497

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	44.4		ug/Kg		89	73 - 124
1,1,1-Trichloroethane	50.0	40.9		ug/Kg		82	64 - 135
1,1,2,2-Tetrachloroethane	50.0	51.5		ug/Kg		103	68 - 128
1,1,2-Trichloroethane	50.0	51.0		ug/Kg		102	78 - 120
1,1-Dichloroethane	50.0	45.7		ug/Kg		91	72 - 122
1,1-Dichloroethene	50.0	44.4		ug/Kg		89	57 - 139
1,1-Dichloropropene	50.0	42.0		ug/Kg		84	72 - 127
1,2,3-Trichlorobenzene	50.0	40.6		ug/Kg		81	59 - 120
1,2,3-Trichloropropane	50.0	53.6		ug/Kg		107	68 - 128
1,2,4-Trichlorobenzene	50.0	39.7		ug/Kg		79	54 - 120
1,2,4-Trimethylbenzene	50.0	44.1		ug/Kg		88	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	49.2		ug/Kg		98	38 - 135
1,2-Dichlorobenzene	50.0	44.9		ug/Kg		90	73 - 120
1,2-Dichloroethane	50.0	44.7		ug/Kg		89	64 - 126
1,2-Dichloropropane	50.0	48.0		ug/Kg		96	78 - 122
1,3,5-Trimethylbenzene	50.0	44.6		ug/Kg		89	76 - 124
1,3-Dichlorobenzene	50.0	45.1		ug/Kg		90	70 - 120
1,3-Dichloropropane	50.0	46.8		ug/Kg		94	76 - 120
1,4-Dichlorobenzene	50.0	45.6		ug/Kg		91	71 - 120
1,4-Dioxane	1000	1150		ug/Kg		115	51 - 140
2,2-Dichloropropane	50.0	38.8		ug/Kg		78	42 - 143
2-Chlorotoluene	50.0	45.7		ug/Kg		91	75 - 120
4-Chlorotoluene	50.0	45.9		ug/Kg		92	74 - 121
Benzene	50.0	45.8		ug/Kg		92	74 - 123
Bromobenzene	50.0	45.9		ug/Kg		92	75 - 120
Bromoform	50.0	50.3		ug/Kg		101	46 - 137
Bromomethane	20.0	18.7		ug/Kg		94	10 - 152
Carbon tetrachloride	50.0	39.8		ug/Kg		80	56 - 139
Chlorobenzene	50.0	46.5		ug/Kg		93	80 - 120
Chlorodibromomethane	50.0	48.6		ug/Kg		97	58 - 131
Chloroethane	20.0	18.1		ug/Kg		91	15 - 155
Chloroform	50.0	44.6		ug/Kg		89	72 - 124
Bromochloromethane	50.0	49.3		ug/Kg		99	72 - 124
Chloromethane	20.0	17.0		ug/Kg		85	45 - 128
cis-1,2-Dichloroethene	50.0	47.1		ug/Kg		94	74 - 123
Bromodichloromethane	50.0	45.8		ug/Kg		92	63 - 132
Dibromomethane	50.0	48.6		ug/Kg		97	71 - 122
Dichlorodifluoromethane	20.0	11.9		ug/Kg		60	26 - 138
Ethylbenzene	50.0	46.8		ug/Kg		94	76 - 120

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

Lab Sample ID: LCS 240-347497/12
Matrix: Solid
Analysis Batch: 347497

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	50.0	33.9		ug/Kg		68	58 - 122
Isopropylbenzene	50.0	46.8		ug/Kg		94	77 - 124
Methylene Chloride	50.0	44.5		ug/Kg		89	62 - 137
Naphthalene	50.0	44.9		ug/Kg		90	51 - 120
n-Butylbenzene	50.0	40.4		ug/Kg		81	64 - 133
N-Propylbenzene	50.0	46.1		ug/Kg		92	73 - 129
p-Isopropyltoluene	50.0	42.3		ug/Kg		85	74 - 124
sec-Butylbenzene	50.0	44.9		ug/Kg		90	73 - 126
Styrene	50.0	45.2		ug/Kg		90	76 - 121
Tetrachloroethene	50.0	43.2		ug/Kg		86	76 - 120
Toluene	50.0	45.8		ug/Kg		92	76 - 120
tert-Butylbenzene	50.0	45.7		ug/Kg		91	73 - 122
trans-1,2-Dichloroethene	50.0	48.4		ug/Kg		97	71 - 133
1,2-Dibromoethane	50.0	50.1		ug/Kg		100	76 - 120
Trichloroethene	50.0	48.3		ug/Kg		97	73 - 126
Trichlorofluoromethane	20.0	15.5		ug/Kg		77	47 - 146
Vinyl chloride	20.0	16.6		ug/Kg		83	52 - 130
Xylenes, Total	100	93.8		ug/Kg		94	79 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*92*		*62 - 135*
Dibromofluoromethane (Surr)	*88*		*49 - 132*
4-Bromofluorobenzene (Surr)	*91*		*49 - 141*
1,2-Dichloroethane-d4 (Surr)	*78*		*48 - 123*

Lab Sample ID: MB 240-347657/7
Matrix: Water
Analysis Batch: 347657

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			09/28/18 08:47	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			09/28/18 08:47	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			09/28/18 08:47	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			09/28/18 08:47	1
1,1-Dichloroethane	<1.0		1.0		ug/L			09/28/18 08:47	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/28/18 08:47	1
1,1-Dichloropropene	<1.0		1.0		ug/L			09/28/18 08:47	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			09/28/18 08:47	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
1,2-Dibromo-3-Chloropropane	<2.0		2.0		ug/L			09/28/18 08:47	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
1,2-Dichloroethane	<1.0		1.0		ug/L			09/28/18 08:47	1
1,2-Dichloropropane	<1.0		1.0		ug/L			09/28/18 08:47	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
1,3-Dichloropropane	<1.0		1.0		ug/L			09/28/18 08:47	1

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

Lab Sample ID: MB 240-347657/7
Matrix: Water
Analysis Batch: 347657

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
1,4-Dioxane	<50		50		ug/L			09/28/18 08:47	1
2,2-Dichloropropane	<1.0		1.0		ug/L			09/28/18 08:47	1
2-Chlorotoluene	<1.0		1.0		ug/L			09/28/18 08:47	1
4-Chlorotoluene	<1.0		1.0		ug/L			09/28/18 08:47	1
Benzene	<1.0		1.0		ug/L			09/28/18 08:47	1
Bromobenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
Bromoform	<1.0		1.0		ug/L			09/28/18 08:47	1
Bromomethane	<1.0		1.0		ug/L			09/28/18 08:47	1
Carbon tetrachloride	<1.0		1.0		ug/L			09/28/18 08:47	1
Chlorobenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
Chlorodibromomethane	<1.0		1.0		ug/L			09/28/18 08:47	1
Chloroethane	<1.0		1.0		ug/L			09/28/18 08:47	1
Chloroform	<1.0		1.0		ug/L			09/28/18 08:47	1
Bromochloromethane	<1.0		1.0		ug/L			09/28/18 08:47	1
Chloromethane	<1.0		1.0		ug/L			09/28/18 08:47	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/18 08:47	1
Bromodichloromethane	<1.0		1.0		ug/L			09/28/18 08:47	1
Dibromomethane	<1.0		1.0		ug/L			09/28/18 08:47	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			09/28/18 08:47	1
Ethylbenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
Hexachlorobutadiene	<1.0		1.0		ug/L			09/28/18 08:47	1
Isopropylbenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
Methylene Chloride	<5.0		5.0		ug/L			09/28/18 08:47	1
Naphthalene	<1.0		1.0		ug/L			09/28/18 08:47	1
n-Butylbenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
N-Propylbenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
p-Isopropyltoluene	<1.0		1.0		ug/L			09/28/18 08:47	1
sec-Butylbenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
Styrene	<1.0		1.0		ug/L			09/28/18 08:47	1
Tetrachloroethene	<1.0		1.0		ug/L			09/28/18 08:47	1
Toluene	<1.0		1.0		ug/L			09/28/18 08:47	1
tert-Butylbenzene	<1.0		1.0		ug/L			09/28/18 08:47	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/28/18 08:47	1
1,2-Dibromoethane	<1.0		1.0		ug/L			09/28/18 08:47	1
Trichloroethene	<1.0		1.0		ug/L			09/28/18 08:47	1
Trichlorofluoromethane	<1.0		1.0		ug/L			09/28/18 08:47	1
Vinyl chloride	<1.0		1.0		ug/L			09/28/18 08:47	1
Xylenes, Total	<2.0		2.0		ug/L			09/28/18 08:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*73 - 120*		*09/28/18 08:47*	*1*
Dibromofluoromethane (Surr)	*84*		*69 - 124*		*09/28/18 08:47*	*1*
4-Bromofluorobenzene (Surr)	*91*		*69 - 120*		*09/28/18 08:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*61 - 138*		*09/28/18 08:47*	*1*

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

Lab Sample ID: LCS 240-347657/8
Matrix: Water
Analysis Batch: 347657

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	20.0	17.9		ug/L		89	73 - 136
1,1,1-Trichloroethane	20.0	18.0		ug/L		90	64 - 147
1,1,2,2-Tetrachloroethane	20.0	17.2		ug/L		86	58 - 122
1,1,2-Trichloroethane	20.0	18.7		ug/L		94	76 - 121
1,1-Dichloroethane	20.0	18.6		ug/L		93	74 - 120
1,1-Dichloroethene	20.0	20.5		ug/L		103	65 - 127
1,1-Dichloropropene	20.0	18.1		ug/L		91	80 - 122
1,2,3-Trichlorobenzene	20.0	15.2		ug/L		76	31 - 144
1,2,3-Trichloropropane	20.0	19.2		ug/L		96	53 - 134
1,2,4-Trichlorobenzene	20.0	15.3		ug/L		77	34 - 141
1,2,4-Trimethylbenzene	20.0	17.3		ug/L		87	80 - 120
1,2-Dibromo-3-Chloropropane	20.0	12.4		ug/L		62	50 - 130
1,2-Dichlorobenzene	20.0	18.0		ug/L		90	80 - 120
1,2-Dichloroethane	20.0	18.5		ug/L		92	68 - 133
1,2-Dichloropropane	20.0	17.8		ug/L		89	78 - 127
1,3,5-Trimethylbenzene	20.0	17.4		ug/L		87	79 - 120
1,3-Dichlorobenzene	20.0	17.7		ug/L		89	80 - 120
1,3-Dichloropropane	20.0	18.0		ug/L		90	71 - 124
1,4-Dichlorobenzene	20.0	17.9		ug/L		90	80 - 120
1,4-Dioxane	400	404		ug/L		101	35 - 134
2,2-Dichloropropane	20.0	17.4		ug/L		87	32 - 178
2-Chlorotoluene	20.0	18.3		ug/L		91	80 - 120
4-Chlorotoluene	20.0	18.8		ug/L		94	79 - 120
Benzene	20.0	19.0		ug/L		95	79 - 120
Bromobenzene	20.0	18.3		ug/L		91	73 - 120
Bromoform	20.0	11.5		ug/L		57	55 - 145
Bromomethane	20.0	19.2		ug/L		96	17 - 158
Carbon tetrachloride	20.0	17.0		ug/L		85	55 - 171
Chlorobenzene	20.0	19.0		ug/L		95	80 - 120
Chlorodibromomethane	20.0	14.4		ug/L		72	64 - 129
Chloroethane	20.0	19.1		ug/L		95	10 - 149
Chloroform	20.0	18.0		ug/L		90	80 - 120
Bromochloromethane	20.0	17.3		ug/L		87	78 - 120
Chloromethane	20.0	17.5		ug/L		88	59 - 124
cis-1,2-Dichloroethene	20.0	18.6		ug/L		93	77 - 120
Bromodichloromethane	20.0	14.3	*	ug/L		72	79 - 125
Dibromomethane	20.0	18.3		ug/L		92	80 - 120
Dichlorodifluoromethane	20.0	16.8		ug/L		84	42 - 141
Ethylbenzene	20.0	18.5		ug/L		92	80 - 120
Hexachlorobutadiene	20.0	13.3		ug/L		67	36 - 146
Isopropylbenzene	20.0	18.5		ug/L		93	80 - 128
Methylene Chloride	20.0	18.9		ug/L		94	64 - 140
Naphthalene	20.0	16.3		ug/L		81	31 - 127
n-Butylbenzene	20.0	15.5		ug/L		78	60 - 137
N-Propylbenzene	20.0	18.4		ug/L		92	76 - 120
p-Isopropyltoluene	20.0	17.1		ug/L		85	78 - 125
sec-Butylbenzene	20.0	17.3		ug/L		86	76 - 124
Styrene	20.0	18.3		ug/L		91	80 - 121

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

Lab Sample ID: LCS 240-347657/8
Matrix: Water
Analysis Batch: 347657

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	20.0	19.0		ug/L		95	80 - 122
Toluene	20.0	19.3		ug/L		97	78 - 120
tert-Butylbenzene	20.0	18.9		ug/L		95	79 - 120
trans-1,2-Dichloroethene	20.0	18.2		ug/L		91	74 - 124
1,2-Dibromoethane	20.0	18.2		ug/L		91	80 - 120
Trichloroethene	20.0	18.9		ug/L		94	76 - 124
Trichlorofluoromethane	20.0	20.2		ug/L		101	27 - 176
Vinyl chloride	20.0	18.5		ug/L		92	65 - 124
Xylenes, Total	40.0	37.7		ug/L		94	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*73 - 120*
Dibromofluoromethane (Surr)	*90*		*69 - 124*
4-Bromofluorobenzene (Surr)	*95*		*69 - 120*
1,2-Dichloroethane-d4 (Surr)	*83*		*61 - 138*

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

Lab Sample ID: MB 400-413217/13-A
Matrix: Solid
Analysis Batch: 413190

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 413217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.0		1.0		ug/Kg		09/27/18 15:37	09/27/18 17:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*118*		*50 - 150*	*09/27/18 15:37*	*09/27/18 17:47*	*1*
4-Bromofluorobenzene	*93*		*50 - 150*	*09/27/18 15:37*	*09/27/18 17:47*	*1*
Toluene-d8 (Surr)	*81*		*50 - 150*	*09/27/18 15:37*	*09/27/18 17:47*	*1*

Lab Sample ID: LCS 400-413217/14-A
Matrix: Solid
Analysis Batch: 413190

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 413217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	13.4		ug/Kg		134	40 - 160

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*106*		*50 - 150*
4-Bromofluorobenzene	*87*		*50 - 150*
Toluene-d8 (Surr)	*79*		*50 - 150*

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

Lab Sample ID: 240-101614-7 MS — **Client Sample ID: SB-310-18-19-0918**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 413190 — **Prep Batch: 413217**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane	<1.0		10.5	13.1		ug/Kg	☼	126	50 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane	*103*		*50 - 150*
4-Bromofluorobenzene	*87*		*50 - 150*
Toluene-d8 (Surr)	*82*		*50 - 150*

Lab Sample ID: 240-101614-7 MSD — **Client Sample ID: SB-310-18-19-0918**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 413190 — **Prep Batch: 413217**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	<1.0		9.78	11.6		ug/Kg	☼	119	50 - 150	12	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane	*105*		*50 - 150*
4-Bromofluorobenzene	*88*		*50 - 150*
Toluene-d8 (Surr)	*81*		*50 - 150*

Method: Moisture - Percent Moisture

Lab Sample ID: 240-101614-1 DU — **Client Sample ID: SB-309-0-2-0918**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347142

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	85.0			84.5		%				0.5	20

Lab Sample ID: 240-101614-7 DU — **Client Sample ID: SB-310-18-19-0918**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347142

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	85.3			85.4		%				0.1	20

QC Association Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

GC/MS VOA

Prep Batch: 346986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101614-4	SB-309-13-15-0918	Total/NA	Solid	5035	
MB 240-346986/1-A	Method Blank	Total/NA	Solid	5035	
LCS 240-346986/2-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 347095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101614-1	SB-309-0-2-0918	Total/NA	Solid	5035	
240-101614-2	SB-309-3-5-0918	Total/NA	Solid	5035	
240-101614-3	SB-309-8-10-0918	Total/NA	Solid	5035	
240-101614-1 MS	SB-309-0-2-0918	Total/NA	Solid	5035	
240-101614-1 MSD	SB-309-0-2-0918	Total/NA	Solid	5035	

Analysis Batch: 347497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101614-1	SB-309-0-2-0918	Total/NA	Solid	8260B	347095
240-101614-2	SB-309-3-5-0918	Total/NA	Solid	8260B	347095
240-101614-3	SB-309-8-10-0918	Total/NA	Solid	8260B	347095
MB 240-347497/13	Method Blank	Total/NA	Solid	8260B	
LCS 240-347497/12	Lab Control Sample	Total/NA	Solid	8260B	
240-101614-1 MS	SB-309-0-2-0918	Total/NA	Solid	8260B	347095
240-101614-1 MSD	SB-309-0-2-0918	Total/NA	Solid	8260B	347095

Analysis Batch: 347499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-346986/1-A	Method Blank	Total/NA	Solid	8260B	346986
LCS 240-346986/2-A	Lab Control Sample	Total/NA	Solid	8260B	346986

Analysis Batch: 347617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101614-4	SB-309-13-15-0918	Total/NA	Solid	8260B	346986

Analysis Batch: 347657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101614-5	TB-01	Total/NA	Water	8260B	
MB 240-347657/7	Method Blank	Total/NA	Water	8260B	
LCS 240-347657/8	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 413190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101614-1	SB-309-0-2-0918	Total/NA	Solid	8260B SIM	413217
240-101614-2	SB-309-3-5-0918	Total/NA	Solid	8260B SIM	413217
240-101614-3	SB-309-8-10-0918	Total/NA	Solid	8260B SIM	413217
240-101614-4	SB-309-13-15-0918	Total/NA	Solid	8260B SIM	413217
240-101614-6	SB-311-18-19-0918	Total/NA	Solid	8260B SIM	413217
240-101614-7	SB-310-18-19-0918	Total/NA	Solid	8260B SIM	413217
240-101614-8	DUP-02-0918	Total/NA	Solid	8260B SIM	413217
MB 400-413217/13-A	Method Blank	Total/NA	Solid	8260B SIM	413217
LCS 400-413217/14-A	Lab Control Sample	Total/NA	Solid	8260B SIM	413217
240-101614-7 MS	SB-310-18-19-0918	Total/NA	Solid	8260B SIM	413217
240-101614-7 MSD	SB-310-18-19-0918	Total/NA	Solid	8260B SIM	413217

GC/MS VOA (Continued)

Prep Batch: 413217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101614-1	SB-309-0-2-0918	Total/NA	Solid	5035	
240-101614-2	SB-309-3-5-0918	Total/NA	Solid	5035	
240-101614-3	SB-309-8-10-0918	Total/NA	Solid	5035	
240-101614-4	SB-309-13-15-0918	Total/NA	Solid	5035	
240-101614-6	SB-311-18-19-0918	Total/NA	Solid	5035	
240-101614-7	SB-310-18-19-0918	Total/NA	Solid	5035	
240-101614-8	DUP-02-0918	Total/NA	Solid	5035	
MB 400-413217/13-A	Method Blank	Total/NA	Solid	5035	
LCS 400-413217/14-A	Lab Control Sample	Total/NA	Solid	5035	
240-101614-7 MS	SB-310-18-19-0918	Total/NA	Solid	5035	
240-101614-7 MSD	SB-310-18-19-0918	Total/NA	Solid	5035	

General Chemistry

Analysis Batch: 347142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101614-1	SB-309-0-2-0918	Total/NA	Solid	Moisture	
240-101614-2	SB-309-3-5-0918	Total/NA	Solid	Moisture	
240-101614-3	SB-309-8-10-0918	Total/NA	Solid	Moisture	
240-101614-4	SB-309-13-15-0918	Total/NA	Solid	Moisture	
240-101614-6	SB-311-18-19-0918	Total/NA	Solid	Moisture	
240-101614-7	SB-310-18-19-0918	Total/NA	Solid	Moisture	
240-101614-8	DUP-02-0918	Total/NA	Solid	Moisture	
240-101614-1 DU	SB-309-0-2-0918	Total/NA	Solid	Moisture	
240-101614-7 DU	SB-310-18-19-0918	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: SB-309-0-2-0918 — Lab Sample ID: 240-101614-1

Date Collected: 09/20/18 08:20 — **Matrix: Solid**
Date Received: 09/21/18 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-309-0-2-0918 — Lab Sample ID: 240-101614-1

Date Collected: 09/20/18 08:20 — **Matrix: Solid**
Date Received: 09/21/18 08:00 — **Percent Solids: 85.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			347095	09/21/18 08:10	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347497	09/27/18 16:34	SAM	TAL CAN
Total/NA	Prep	5035			413217	09/27/18 15:37	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	413190	09/27/18 21:08	CAR	TAL PEN

Client Sample ID: SB-309-3-5-0918 — Lab Sample ID: 240-101614-2

Date Collected: 09/20/18 08:55 — **Matrix: Solid**
Date Received: 09/21/18 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-309-3-5-0918 — Lab Sample ID: 240-101614-2

Date Collected: 09/20/18 08:55 — **Matrix: Solid**
Date Received: 09/21/18 08:00 — **Percent Solids: 84.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			347095	09/21/18 08:10	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347497	09/27/18 17:51	SAM	TAL CAN
Total/NA	Prep	5035			413217	09/27/18 15:37	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	413190	09/27/18 21:34	CAR	TAL PEN

Client Sample ID: SB-309-8-10-0918 — Lab Sample ID: 240-101614-3

Date Collected: 09/20/18 08:30 — **Matrix: Solid**
Date Received: 09/21/18 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-309-8-10-0918 — Lab Sample ID: 240-101614-3

Date Collected: 09/20/18 08:30 — **Matrix: Solid**
Date Received: 09/21/18 08:00 — **Percent Solids: 86.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			347095	09/21/18 08:10	LAM	TAL CAN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: SB-309-8-10-0918 — Lab Sample ID: 240-101614-3

Date Collected: 09/20/18 08:30 — **Matrix: Solid**
Date Received: 09/21/18 08:00 — **Percent Solids: 86.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	347497	09/27/18 18:17	SAM	TAL CAN
Total/NA	Prep	5035			413217	09/27/18 15:37	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	413190	09/27/18 21:59	CAR	TAL PEN

Client Sample ID: SB-309-13-15-0918 — Lab Sample ID: 240-101614-4

Date Collected: 09/20/18 08:15 — **Matrix: Solid**
Date Received: 09/21/18 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-309-13-15-0918 — Lab Sample ID: 240-101614-4

Date Collected: 09/20/18 08:15 — **Matrix: Solid**
Date Received: 09/21/18 08:00 — **Percent Solids: 85.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			346986	09/24/18 20:08	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347617	09/28/18 12:38	TJL2	TAL CAN
Total/NA	Prep	5035			413217	09/27/18 15:37	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	413190	09/27/18 22:24	CAR	TAL PEN

Client Sample ID: TB-01 — Lab Sample ID: 240-101614-5

Date Collected: 09/20/18 00:00 — **Matrix: Water**
Date Received: 09/21/18 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	347657	09/28/18 16:48	HMB	TAL CAN

Client Sample ID: SB-311-18-19-0918 — Lab Sample ID: 240-101614-6

Date Collected: 09/20/18 10:05 — **Matrix: Solid**
Date Received: 09/21/18 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-311-18-19-0918 — Lab Sample ID: 240-101614-6

Date Collected: 09/20/18 10:05 — **Matrix: Solid**
Date Received: 09/21/18 08:00 — **Percent Solids: 87.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			413217	09/27/18 15:37	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	413190	09/27/18 22:50	CAR	TAL PEN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Client Sample ID: SB-310-18-19-0918 — Lab Sample ID: 240-101614-7

Date Collected: 09/20/18 10:50 — **Matrix: Solid**
Date Received: 09/21/18 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: SB-310-18-19-0918 — Lab Sample ID: 240-101614-7

Date Collected: 09/20/18 10:50 — **Matrix: Solid**
Date Received: 09/21/18 08:00 — **Percent Solids: 85.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			413217	09/27/18 15:37	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	413190	09/27/18 18:12	CAR	TAL PEN

Client Sample ID: DUP-02-0918 — Lab Sample ID: 240-101614-8

Date Collected: 09/20/18 00:00 — **Matrix: Solid**
Date Received: 09/21/18 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 13:02	ACR	TAL CAN

Client Sample ID: DUP-02-0918 — Lab Sample ID: 240-101614-8

Date Collected: 09/20/18 00:00 — **Matrix: Solid**
Date Received: 09/21/18 08:00 — **Percent Solids: 87.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			413217	09/27/18 16:52	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		50	413190	09/27/18 23:15	CAR	TAL PEN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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

Accreditation/Certification Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Laboratory: TestAmerica Canton

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2927	02-23-19
Connecticut	State Program	1	PH-0590	12-31-19
Florida	NELAP	4	E87225	06-30-19
Illinois	NELAP	5	200004	07-31-19
Kansas	NELAP	7	E-10336	01-31-19
Kentucky (UST)	State Program	4	58	02-23-19
Kentucky (WW)	State Program	4	98016	12-31-18 *
Minnesota	NELAP	5	039-999-348	12-31-18 *
Minnesota (Petrofund)	State Program	1	3506	07-31-19
Nevada	State Program	9	OH00048	07-31-19
New Jersey	NELAP	2	OH001	06-30-19
New York	NELAP	2	10975	03-31-19
Ohio VAP	State Program	5	CL0024	09-06-19
Oregon	NELAP	10	4062	02-23-19
Pennsylvania	NELAP	3	68-00340	08-31-19 *
Texas	NELAP	6	T104704517-17-9	08-31-19
USDA	Federal		P330-16-00404	12-28-19
Virginia	NELAP	3	460175	09-14-19
Washington	State Program	10	C971	01-12-19
West Virginia DEP	State Program	3	210	12-31-18 *

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-19
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-19
California	State Program	9	2510	06-30-19
Florida	NELAP	4	E81010	06-30-19
Georgia	State Program	4	E81010 (FL)	06-30-19
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18 *
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-19
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-19
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-19
Massachusetts	State Program	1	M-FL094	06-30-19
Michigan	State Program	5	9912	06-30-19
New Jersey	NELAP	2	FL006	06-30-19
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-19
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18 *
Tennessee	State Program	4	TN02907	06-30-19
Texas	NELAP	6	T104704286-18-16	09-30-19

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101614-1

Laboratory: TestAmerica Pensacola (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
US Fish & Wildlife	Federal		LE058448-0	07-31-19
USDA	Federal		P330-18-00148	05-17-21
Virginia	NELAP	3	460166	06-14-19
Washington	State Program	10	C915	05-15-19
West Virginia DEP	State Program	3	136	06-30-19

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

1.2/C21

Chain of Custody Record

240-101614 Chain of Custody

TestAmerica — THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: O'Meara, Patrick J	C No: 0-54477-23401.3
Client Contact: Ms. Rhonda Quinn	Phone:	E-Mail: patrick.omeara@testamericainc.com	Page: Page 3 of 3
Company: Wood E&I Solutions Inc			Job #:
Address: 1075 Big Shanty Road, NW Suite 100	Due Date Requested:		
City: Kennesaw	TAT Requested (days):		
State, Zip: GA, 30144			
Phone: 770-421-3516(Tel) 770-421-3486(Fax)	PO #: Purchase Order Requested		
Email: rhonda.quinn@woodplc.com	WO #:		
Project Name: Louisville, Ga - Thermo King	Project #: 24009505		
Site:	SSOW#:		

Analysis Requested

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C_SIM - 1,4-Dioxane-Nashville	8260B - (MOD) Custom Sublist VOCs-FAP	1010A - Flashpoint	8260B - TCLP ZHE Volatiles	Moisture - (MOD) Percent Solids	6010C, 7470A	8260C - (MOD) Custom Sublist VOCs	6010C, 7470A	9040C - pH					Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	A	D	N						
SB-309-0-2-0918	9-20-18	08:20	C	Solid		Y	~~N~~	X												4	One for moisture
SB-309-3-5-0918	↓	08:55	↓	Solid				X												4	↓
SB-309-8-10-0918		08:30		~~Water~~				X												4	
SB-309-13-15-0918		08:15		~~Water~~				X												4	
SB-309-0-2-0918		08:20		~~Water~~			X													4	
SB-309-3-5-0918		08:55		~~Water~~			X													4	
SB-309-8-10-0918		08:30		~~Water~~			X													4	
SB-309-13-15-0918	↓	08:15	↓	~~Water~~ Solid			X													4	
TB-01	—	—	NA	~~Water~~				X												Z	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Peggy Hostmann	9-20-18 / 1700	Wood	Kerry Burns	9/21/18 0800	TAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

0.6/C1.5

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-54477-23401.3
Client Contact: Ms. Rhonda Quinn	Phone:	E-Mail: patrick.omeara@testamericainc.com		Page: Page 3 of 3
Company: Wood E&I Solutions Inc				Job #:
Address: 1075 Big Shanty Road, NW Suite 100	Due Date Requested:			
City: Kennesaw	TAT Requested (days):			
State, Zip: GA, 30144				
Phone: 770-421-3516(Tel) 770-421-3486(Fax)	PO #: Purchase Order Requested			
Email: rhonda.quinn@woodplc.com	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C_SIM - 1,4-Dioxane-Nashville	8260B - (MOD) Custom Sublist VOCs-FAP	1010A - Flashpoint	8260B - TCLP ZHE Volatiles	Moisture - (MOD) Percent Solids	6010C, 7470A	8260C - (MOD) Custom Sublist VOCs	6010C, 7470A	9040C - pH					Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	A	D	N						
SB-311-18-19-0918	9-20-18	10:05	C	Solid			X													4	
SB-310-18-19-0918	-11-	10:50	C	Solid		Y	X													12	
DUP-02-0918	-11-	—	C	~~Water~~ solid			X													4	
TB-02-0918	—	—	NA	Water			X													2	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
[redacted] *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Peggy Hrabovec	Date/Time: 9-20-18 / 1700	Company: Wood	Received by: Terry Burns	Date/Time: 9/21/18 0800	Company: TAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 09/04/2018

TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 101614
Canton Facility

Client Wood E+I Site Name _____ Cooler unpacked by: Terry Burns
Cooler Received on 9/21/18 Opened on 9/21/18
FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____
Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other Multiple
Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☒ See Multiple Cooler Form
   IR GUN# IR-8 (CF +0.9 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #36 (CF +0.6°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity each Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Are these work share samples? Yes No
    If yes, Questions 12-16 have been checked at the originating laboratory.
12. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC849161**
13. Were VOAs on the COC? Yes No
14. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
16. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM PJO Date 9/21/18 by TB via Verbal Voice Mail Other

Concerning #17

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

~~IAW solid pH on label not on COC with log per PM.~~ N/A sep job

18. SAMPLE CONDITION
Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

19. SAMPLE PRESERVATION
Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____.

TestAmerica Multiple Cooler Receipt Form/Narrative
Canton Facility

Login #: ~~10164~~ TO 01614

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
TA	8.	1.2	2.1	ICE
		0.6	1.5	
		1.8	2.7	

X:\X-Drive Document Control\SOPs\Work Instructions\Word Version Work Instructions\WI-NC-099H-071615 Cooler Receipt Form_page 2 - Multiple Coolers.doc rls

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-92996.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: patrick.omeara@testamericainc.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note):		Job #: 240-101614-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 10/3/2018			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #:			
Email:	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_SIM/5035A_FP (MOD) 1,4-Dioxane-Pensacola	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-309-0-2-0918 (240-101614-1)	9/20/18	08:20 Eastern		Solid			X	3	
SB-309-3-5-0918 (240-101614-2)	9/20/18	08:55 Eastern		Solid			X	3	
SB-309-8-10-0918 (240-101614-3)	9/20/18	08:30 Eastern		Solid			X	3	
SB-309-13-15-0918 (240-101614-4)	9/20/18	08:15 Eastern		Solid			X	3	
SB-311-18-19-0918 (240-101614-6)	9/20/18	10:05 Eastern		Solid			X	3	
SB-310-18-19-0918 (240-101614-7)	9/20/18	10:50 Eastern		Solid			X	9	
SB-310-18-19-0918 (240-101614-7MS)	9/20/18	10:50 Eastern	MS	Solid			X	1	
SB-310-18-19-0918 (240-101614-7MSD)	9/20/18	10:50 Eastern	MSD	Solid			X	1	
DUP-02-0918 (240-101614-8)	9/20/18	Eastern		Solid			X	3	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9/24 1730	CLC		9/25/18 926	TAA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				9/26/18 941	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 9/25/18 0.0°C IR 9/6/18 25.2°

Ver: 09/20/2016

Login Sample Receipt Checklist

Client: Wood E&I Solutions Inc

Job Number: 240-101614-1

Login Number: 101614
List Number: 2
Creator: Perez, Trina M

List Source: TestAmerica Pensacola
List Creation: 09/26/18 01:59 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	False	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0° C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Wood E&I Solutions Inc

Job Number: 240-101614-1

Login Number: 101614
List Number: 3
Creator: Perez, Trina M

List Source: TestAmerica Pensacola
List Creation: 09/26/18 02:01 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR-7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Refer to Job Narrative for details.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Wood E&I Solutions Inc

Job Number: 240-101614-1

Login Number: 101614
List Number: 4
Creator: Perez, Trina M

List Source: TestAmerica Pensacola
List Creation: 09/26/18 02:02 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	25.2°C IR-8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Trip Blank broken
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-101751-1
Client Project/Site: Louisville, Ga - Thermo King

For:
Wood E&I Solutions Inc
1075 Big Shanty Road, NW
Suite 100
Kennesaw, Georgia 30144

Attn: Ms. Rhonda Quinn

Patrick O'Meara

Authorized for release by:
10/5/2018 12:59:33 PM

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.omeara@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 240-101751-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Wood E&I Solutions Inc

Project: Louisville, Ga - Thermo King

Report Number: 240-101751-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

The VOC by 8260B_SIM analysis was performed at TestAmerica Pensacola Laboratory.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 9/24/2018 9:00 AM; the samples arrived in good condition. Cooler temperature at receipt was 21.3º C, and the ice included in the shipment had melted byt the time of receipt.

The samples for 8260SIM analysis were received in TestAmerica Pensacola on 9/26/2018 9:41 AM. The temperature of the cooler at receipt time was 25.2º C. The dry ice shipped with the samples had evaporated in transit. One water vial for the following sample was received broken: SB-302-13-15-0918 (240-101751-4).

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples SB-302-0-2-0918 (240-101751-1), SB-302-3-5-0918 (240-101751-2), SB-302-8-10-0918 (240-101751-3), SB-302-13-15-0918 (240-101751-4) and DUP-02-0918 (240-101751-5) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 09/24/2018 and analyzed on 09/27/2018.

The following samples were received outside of the 48 hour time frame required by the method: SB-302-0-2-0918 (240-101751-1), SB-302-3-5-0918 (240-101751-2), SB-302-8-10-0918 (240-101751-3), SB-302-13-15-0918 (240-101751-4) and DUP-02-0918 (240-101751-5). The samples were preserved via freezing on 9-24-18 at 17:08: SB-302-0-2-0918 (240-101751-1), SB-302-3-5-0918

Job ID: 240-101751-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

(240-101751-2), SB-302-8-10-0918 (240-101751-3), SB-302-13-15-0918 (240-101751-4) and DUP-02-0918 (240-101751-5). Analysis proceeded per client request.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-347095 and analytical batch 240-347409.

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

VOLATILE ORGANIC COMPOUNDS (GCMS)
Sample TB-02 (240-101751-6) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/03/2018.

The laboratory control sample (LCS) in batch 348349 for recovered outside control limits for the following analyte:1,4-Dioxane. This analytes has been identified as poor performing analytes when analyzed using this method; therefore, re-analysis of the following associated sample was not performed: TB-02 (240-101751-6).

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

VOLATILE ORGANIC COMPOUNDS (GCMS SIM)
Samples SB-302-0-2-0918 (240-101751-1), SB-302-3-5-0918 (240-101751-2), SB-302-8-10-0918 (240-101751-3) and SB-302-13-15-0918 (240-101751-4) were analyzed for volatile organic compounds (GCMS SIM) in accordance with EPA SW-846 Method 8260B SIM. The samples were prepared on 09/27/2018 and analyzed on 09/27/2018 and 09/28/2018.

The following samples were not frozen within the 48 hour hold time: SB-302-0-2-0918 (240-101751-1), SB-302-3-5-0918 (240-101751-2), SB-302-8-10-0918 (240-101751-3) and SB-302-13-15-0918 (240-101751-4). Analysis proceeded per client request.

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

PERCENT SOLIDS
Samples SB-302-0-2-0918 (240-101751-1), SB-302-3-5-0918 (240-101751-2), SB-302-8-10-0918 (240-101751-3), SB-302-13-15-0918 (240-101751-4) and DUP-02-0918 (240-101751-5) were analyzed for percent solids in accordance with ASTM Method D2216-80. The samples were analyzed on 09/25/2018.

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

Method Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8260B SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
Moisture	Percent Moisture	EPA	TAL CAN
5030B	Purge and Trap	SW846	TAL CAN
5035	Closed System Purge and Trap	SW846	TAL CAN
5035	Closed System Purge and Trap	SW846	TAL PEN

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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

Sample Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-101751-1	SB-302-0-2-0918	Solid	09/19/18 10:10	09/24/18 09:00
240-101751-2	SB-302-3-5-0918	Solid	09/19/18 10:25	09/24/18 09:00
240-101751-3	SB-302-8-10-0918	Solid	09/19/18 10:45	09/24/18 09:00
240-101751-4	SB-302-13-15-0918	Solid	09/19/18 10:15	09/24/18 09:00
240-101751-5	DUP-02-0918	Solid	09/19/18 00:00	09/24/18 09:00
240-101751-6	TB-02	Water	09/19/18 00:00	09/24/18 09:00

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Client Sample ID: SB-302-0-2-0918

Date Collected: 09/19/18 10:10
Date Received: 09/24/18 09:00

Lab Sample ID: 240-101751-1

Matrix: Solid
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.5		0.79		ug/Kg	☼	09/27/18 15:37	09/27/18 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*120*		*50 - 150*	*09/27/18 15:37*	*09/27/18 23:41*	*1*
4-Bromofluorobenzene	*88*		*50 - 150*	*09/27/18 15:37*	*09/27/18 23:41*	*1*
Toluene-d8 (Surr)	*81*		*50 - 150*	*09/27/18 15:37*	*09/27/18 23:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,1,1-Trichloroethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,1,2,2-Tetrachloroethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,1,2-Trichloroethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,1-Dichloroethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,1-Dichloroethene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,1-Dichloropropene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,2,3-Trichlorobenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,2,3-Trichloropropane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,2,4-Trichlorobenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,2,4-Trimethylbenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,2-Dibromo-3-Chloropropane	<7.8	H	7.8		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,2-Dibromoethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,2-Dichlorobenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,2-Dichloroethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,2-Dichloropropane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,3,5-Trimethylbenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,3-Dichlorobenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,3-Dichloropropane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,4-Dichlorobenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
1,4-Dioxane	<31	H	31		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
2,2-Dichloropropane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
2-Chlorotoluene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
4-Chlorotoluene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Benzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Bromobenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Bromochloromethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Bromodichloromethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Bromoform	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Bromomethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Carbon tetrachloride	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Chlorobenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Chlorodibromomethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Chloroethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Chloroform	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Chloromethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
cis-1,2-Dichloroethene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Dibromomethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Dichlorodifluoromethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Ethylbenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Hexachlorobutadiene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Client Sample ID: SB-302-0-2-0918

Date Collected: 09/19/18 10:10
Date Received: 09/24/18 09:00

Lab Sample ID: 240-101751-1

Matrix: Solid
Percent Solids: 91.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Methylene Chloride	<19	H	19		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Naphthalene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
n-Butylbenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
N-Propylbenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
p-Isopropyltoluene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
sec-Butylbenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Styrene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
tert-Butylbenzene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Tetrachloroethene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Toluene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
trans-1,2-Dichloroethene	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Trichloroethene	**10**	**H**	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Trichlorofluoromethane	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Vinyl chloride	<3.9	H	3.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1
Xylenes, Total	<7.8	H	7.8		ug/Kg	☼	09/24/18 17:08	09/27/18 09:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*48 - 123*	*09/24/18 17:08*	*09/27/18 09:05*	*1*
4-Bromofluorobenzene (Surr)	*88*		*49 - 141*	*09/24/18 17:08*	*09/27/18 09:05*	*1*
Dibromofluoromethane (Surr)	*88*		*49 - 132*	*09/24/18 17:08*	*09/27/18 09:05*	*1*
Toluene-d8 (Surr)	*95*		*62 - 135*	*09/24/18 17:08*	*09/27/18 09:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**91.0**		0.1		%			09/25/18 12:07	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Client Sample ID: SB-302-3-5-0918

Date Collected: 09/19/18 10:25
Date Received: 09/24/18 09:00

Lab Sample ID: 240-101751-2

Matrix: Solid
Percent Solids: 86.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.5		0.94		ug/Kg	☼	09/27/18 15:37	09/28/18 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*121*		*50 - 150*	*09/27/18 15:37*	*09/28/18 00:06*	*1*
4-Bromofluorobenzene	*92*		*50 - 150*	*09/27/18 15:37*	*09/28/18 00:06*	*1*
Toluene-d8 (Surr)	*82*		*50 - 150*	*09/27/18 15:37*	*09/28/18 00:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,1,1-Trichloroethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,1,2,2-Tetrachloroethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,1,2-Trichloroethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,1-Dichloroethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,1-Dichloroethene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,1-Dichloropropene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,2,3-Trichlorobenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,2,3-Trichloropropane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,2,4-Trichlorobenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,2,4-Trimethylbenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,2-Dibromo-3-Chloropropane	<9.2	H	9.2		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,2-Dibromoethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,2-Dichlorobenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,2-Dichloroethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,2-Dichloropropane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,3,5-Trimethylbenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,3-Dichlorobenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,3-Dichloropropane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,4-Dichlorobenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
1,4-Dioxane	<37	H	37		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
2,2-Dichloropropane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
2-Chlorotoluene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
4-Chlorotoluene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Benzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Bromobenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Bromochloromethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Bromodichloromethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Bromoform	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Bromomethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Carbon tetrachloride	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Chlorobenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Chlorodibromomethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Chloroethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Chloroform	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Chloromethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
cis-1,2-Dichloroethene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Dibromomethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Dichlorodifluoromethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Ethylbenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Hexachlorobutadiene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Client Sample ID: SB-302-3-5-0918

Date Collected: 09/19/18 10:25
Date Received: 09/24/18 09:00

Lab Sample ID: 240-101751-2

Matrix: Solid
Percent Solids: 86.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Methylene Chloride	<23	H	23		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Naphthalene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
n-Butylbenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
N-Propylbenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
p-Isopropyltoluene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
sec-Butylbenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Styrene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
tert-Butylbenzene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Tetrachloroethene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Toluene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
trans-1,2-Dichloroethene	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Trichloroethene	**53**	**H**	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Trichlorofluoromethane	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Vinyl chloride	<4.6	H	4.6		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1
Xylenes, Total	<9.2	H	9.2		ug/Kg	☼	09/24/18 17:08	09/27/18 09:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*48 - 123*	*09/24/18 17:08*	*09/27/18 09:27*	*1*
4-Bromofluorobenzene (Surr)	*89*		*49 - 141*	*09/24/18 17:08*	*09/27/18 09:27*	*1*
Dibromofluoromethane (Surr)	*88*		*49 - 132*	*09/24/18 17:08*	*09/27/18 09:27*	*1*
Toluene-d8 (Surr)	*98*		*62 - 135*	*09/24/18 17:08*	*09/27/18 09:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.0**		0.1		%			09/25/18 12:07	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Client Sample ID: SB-302-8-10-0918

Date Collected: 09/19/18 10:45
Date Received: 09/24/18 09:00

Lab Sample ID: 240-101751-3

Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.92		0.92		ug/Kg	☼	09/27/18 15:37	09/28/18 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*121*		*50 - 150*	*09/27/18 15:37*	*09/28/18 00:32*	*1*
4-Bromofluorobenzene	*90*		*50 - 150*	*09/27/18 15:37*	*09/28/18 00:32*	*1*
Toluene-d8 (Surr)	*81*		*50 - 150*	*09/27/18 15:37*	*09/28/18 00:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,1,1-Trichloroethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,1,2,2-Tetrachloroethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,1,2-Trichloroethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,1-Dichloroethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,1-Dichloroethene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,1-Dichloropropene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,2,3-Trichlorobenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,2,3-Trichloropropane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,2,4-Trichlorobenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,2,4-Trimethylbenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,2-Dibromo-3-Chloropropane	<9.9	H	9.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,2-Dibromoethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,2-Dichlorobenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,2-Dichloroethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,2-Dichloropropane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,3,5-Trimethylbenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,3-Dichlorobenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,3-Dichloropropane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,4-Dichlorobenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
1,4-Dioxane	<40	H	40		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
2,2-Dichloropropane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
2-Chlorotoluene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
4-Chlorotoluene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Benzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Bromobenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Bromochloromethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Bromodichloromethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Bromoform	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Bromomethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Carbon tetrachloride	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Chlorobenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Chlorodibromomethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Chloroethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Chloroform	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Chloromethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
cis-1,2-Dichloroethene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Dibromomethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Dichlorodifluoromethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Ethylbenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Hexachlorobutadiene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Client Sample ID: SB-302-8-10-0918

Date Collected: 09/19/18 10:45
Date Received: 09/24/18 09:00

Lab Sample ID: 240-101751-3

Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Methylene Chloride	<25	H	25		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Naphthalene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
n-Butylbenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
N-Propylbenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
p-Isopropyltoluene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
sec-Butylbenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Styrene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
tert-Butylbenzene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Tetrachloroethene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Toluene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
trans-1,2-Dichloroethene	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Trichloroethene	**63**	**H**	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Trichlorofluoromethane	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Vinyl chloride	<5.0	H	5.0		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1
Xylenes, Total	<9.9	H	9.9		ug/Kg	☼	09/24/18 17:08	09/27/18 09:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*48 - 123*	*09/24/18 17:08*	*09/27/18 09:48*	*1*
4-Bromofluorobenzene (Surr)	*88*		*49 - 141*	*09/24/18 17:08*	*09/27/18 09:48*	*1*
Dibromofluoromethane (Surr)	*85*		*49 - 132*	*09/24/18 17:08*	*09/27/18 09:48*	*1*
Toluene-d8 (Surr)	*97*		*62 - 135*	*09/24/18 17:08*	*09/27/18 09:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.5**		0.1		%			09/25/18 12:07	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Client Sample ID: SB-302-13-15-0918

Date Collected: 09/19/18 10:15
Date Received: 09/24/18 09:00

Lab Sample ID: 240-101751-4

Matrix: Solid
Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<0.93		0.93		ug/Kg	☼	09/27/18 15:37	09/28/18 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*122*		*50 - 150*	*09/27/18 15:37*	*09/28/18 00:57*	*1*
4-Bromofluorobenzene	*92*		*50 - 150*	*09/27/18 15:37*	*09/28/18 00:57*	*1*
Toluene-d8 (Surr)	*78*		*50 - 150*	*09/27/18 15:37*	*09/28/18 00:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,1,1-Trichloroethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,1,2,2-Tetrachloroethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,1,2-Trichloroethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,1-Dichloroethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,1-Dichloroethene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,1-Dichloropropene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,2,3-Trichlorobenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,2,3-Trichloropropane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,2,4-Trichlorobenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,2,4-Trimethylbenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,2-Dibromo-3-Chloropropane	<8.8	H	8.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,2-Dibromoethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,2-Dichlorobenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,2-Dichloroethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,2-Dichloropropane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,3,5-Trimethylbenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,3-Dichlorobenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,3-Dichloropropane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,4-Dichlorobenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
1,4-Dioxane	<35	H	35		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
2,2-Dichloropropane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
2-Chlorotoluene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
4-Chlorotoluene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Benzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Bromobenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Bromochloromethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Bromodichloromethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Bromoform	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Bromomethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Carbon tetrachloride	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Chlorobenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Chlorodibromomethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Chloroethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Chloroform	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Chloromethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
cis-1,2-Dichloroethene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Dibromomethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Dichlorodifluoromethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Ethylbenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Hexachlorobutadiene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Client Sample ID: SB-302-13-15-0918

Date Collected: 09/19/18 10:15
Date Received: 09/24/18 09:00

Lab Sample ID: 240-101751-4

Matrix: Solid
Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Methylene Chloride	<22	H	22		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Naphthalene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
n-Butylbenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
N-Propylbenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
p-Isopropyltoluene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
sec-Butylbenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Styrene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
tert-Butylbenzene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Tetrachloroethene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Toluene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
trans-1,2-Dichloroethene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Trichloroethene	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Trichlorofluoromethane	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Vinyl chloride	<4.4	H	4.4		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1
Xylenes, Total	<8.8	H	8.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*48 - 123*	*09/24/18 17:08*	*09/27/18 10:10*	*1*
4-Bromofluorobenzene (Surr)	*88*		*49 - 141*	*09/24/18 17:08*	*09/27/18 10:10*	*1*
Dibromofluoromethane (Surr)	*88*		*49 - 132*	*09/24/18 17:08*	*09/27/18 10:10*	*1*
Toluene-d8 (Surr)	*95*		*62 - 135*	*09/24/18 17:08*	*09/27/18 10:10*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**89.5**		0.1		%			09/25/18 12:07	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Client Sample ID: DUP-02-0918

Date Collected: 09/19/18 00:00
Date Received: 09/24/18 09:00

Lab Sample ID: 240-101751-5

Matrix: Solid
Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,1,1-Trichloroethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,1,2,2-Tetrachloroethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,1,2-Trichloroethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,1-Dichloroethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,1-Dichloroethene	**7.5**	**H**	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,1-Dichloropropene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,2,3-Trichlorobenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,2,3-Trichloropropane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,2,4-Trichlorobenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,2,4-Trimethylbenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,2-Dibromo-3-Chloropropane	<9.7	H	9.7		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,2-Dibromoethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,2-Dichlorobenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,2-Dichloroethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,2-Dichloropropane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,3,5-Trimethylbenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,3-Dichlorobenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,3-Dichloropropane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,4-Dichlorobenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
1,4-Dioxane	<39	H	39		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
2,2-Dichloropropane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
2-Chlorotoluene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
4-Chlorotoluene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Benzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Bromobenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Bromochloromethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Bromodichloromethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Bromoform	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Bromomethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Carbon tetrachloride	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Chlorobenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Chlorodibromomethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Chloroethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Chloroform	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Chloromethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
cis-1,2-Dichloroethene	**6.9**	**H**	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Dibromomethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Dichlorodifluoromethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Ethylbenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Hexachlorobutadiene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Isopropylbenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Methylene Chloride	<24	H	24		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Naphthalene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
n-Butylbenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
N-Propylbenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
p-Isopropyltoluene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
sec-Butylbenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Styrene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Client Sample ID: DUP-02-0918

Date Collected: 09/19/18 00:00
Date Received: 09/24/18 09:00

Lab Sample ID: 240-101751-5

Matrix: Solid
Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Tetrachloroethene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Toluene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
trans-1,2-Dichloroethene	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Trichloroethene	**90**	**H**	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Trichlorofluoromethane	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Vinyl chloride	<4.8	H	4.8		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1
Xylenes, Total	<9.7	H	9.7		ug/Kg	☼	09/24/18 17:08	09/27/18 10:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*48 - 123*	*09/24/18 17:08*	*09/27/18 10:32*	*1*
4-Bromofluorobenzene (Surr)	*86*		*49 - 141*	*09/24/18 17:08*	*09/27/18 10:32*	*1*
Dibromofluoromethane (Surr)	*87*		*49 - 132*	*09/24/18 17:08*	*09/27/18 10:32*	*1*
Toluene-d8 (Surr)	*98*		*62 - 135*	*09/24/18 17:08*	*09/27/18 10:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87.7**		0.1		%			09/25/18 12:07	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Client Sample ID: TB-02

Date Collected: 09/19/18 00:00
Date Received: 09/24/18 09:00

Lab Sample ID: 240-101751-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			10/03/18 16:19	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/03/18 16:19	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/03/18 16:19	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			10/03/18 16:19	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/03/18 16:19	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/03/18 16:19	1
1,1-Dichloropropene	<1.0		1.0		ug/L			10/03/18 16:19	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			10/03/18 16:19	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
1,2-Dibromo-3-Chloropropane	<2.0		2.0		ug/L			10/03/18 16:19	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
1,2-Dichloroethane	<1.0		1.0		ug/L			10/03/18 16:19	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/03/18 16:19	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/03/18 16:19	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
1,4-Dioxane	<50	*	50		ug/L			10/03/18 16:19	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/03/18 16:19	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/03/18 16:19	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/03/18 16:19	1
p-Isopropyltoluene	<1.0		1.0		ug/L			10/03/18 16:19	1
Benzene	<1.0		1.0		ug/L			10/03/18 16:19	1
Bromobenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
Bromoform	<1.0		1.0		ug/L			10/03/18 16:19	1
Bromomethane	<1.0		1.0		ug/L			10/03/18 16:19	1
Carbon tetrachloride	<1.0		1.0		ug/L			10/03/18 16:19	1
Chlorobenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
Chlorodibromomethane	<1.0		1.0		ug/L			10/03/18 16:19	1
Chloroethane	<1.0		1.0		ug/L			10/03/18 16:19	1
Chloroform	<1.0		1.0		ug/L			10/03/18 16:19	1
Chloromethane	<1.0		1.0		ug/L			10/03/18 16:19	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/03/18 16:19	1
Dibromomethane	<1.0		1.0		ug/L			10/03/18 16:19	1
Bromochloromethane	<1.0		1.0		ug/L			10/03/18 16:19	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			10/03/18 16:19	1
Bromodichloromethane	<1.0		1.0		ug/L			10/03/18 16:19	1
Ethylbenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
Hexachlorobutadiene	<1.0		1.0		ug/L			10/03/18 16:19	1
Isopropylbenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
Methylene Chloride	<5.0		5.0		ug/L			10/03/18 16:19	1
Naphthalene	<1.0		1.0		ug/L			10/03/18 16:19	1
n-Butylbenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
N-Propylbenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
Styrene	<1.0		1.0		ug/L			10/03/18 16:19	1
Tetrachloroethene	<1.0		1.0		ug/L			10/03/18 16:19	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Client Sample ID: TB-02

Lab Sample ID: 240-101751-6

Date Collected: 09/19/18 00:00
Matrix: Water
Date Received: 09/24/18 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<1.0		1.0		ug/L			10/03/18 16:19	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/03/18 16:19	1
Trichloroethene	<1.0		1.0		ug/L			10/03/18 16:19	1
Trichlorofluoromethane	<1.0		1.0		ug/L			10/03/18 16:19	1
Vinyl chloride	<1.0		1.0		ug/L			10/03/18 16:19	1
Xylenes, Total	<2.0		2.0		ug/L			10/03/18 16:19	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/03/18 16:19	1
1,2-Dibromoethane	<1.0		1.0		ug/L			10/03/18 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*85*		*73 - 120*		*10/03/18 16:19*	*1*
Dibromofluoromethane (Surr)	*113*		*69 - 124*		*10/03/18 16:19*	*1*
4-Bromofluorobenzene (Surr)	*86*		*69 - 120*		*10/03/18 16:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*61 - 138*		*10/03/18 16:19*	*1*

QC Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

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

Lab Sample ID: MB 240-347095/2-A
Matrix: Solid
Analysis Batch: 347409

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347095

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,1,1-Trichloroethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,1,2-Trichloroethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,1-Dichloroethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,1-Dichloroethene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,1-Dichloropropene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,2,3-Trichlorobenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,2,3-Trichloropropane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,2,4-Trichlorobenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,2,4-Trimethylbenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,2-Dichlorobenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,2-Dichloroethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,2-Dichloropropane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,3,5-Trimethylbenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,3-Dichlorobenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,3-Dichloropropane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,4-Dichlorobenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,4-Dioxane	<40		40		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
2,2-Dichloropropane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
2-Chlorotoluene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
4-Chlorotoluene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Benzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Bromobenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Bromoform	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Bromomethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Carbon tetrachloride	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Chlorobenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Chlorodibromomethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Chloroethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Chloroform	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Bromochloromethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Chloromethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
cis-1,2-Dichloroethene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Bromodichloromethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Dibromomethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Dichlorodifluoromethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Ethylbenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Hexachlorobutadiene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Isopropylbenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Methylene Chloride	<25		25		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Naphthalene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
n-Butylbenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
N-Propylbenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
p-Isopropyltoluene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
sec-Butylbenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Styrene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1

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

Lab Sample ID: MB 240-347095/2-A
Matrix: Solid
Analysis Batch: 347409

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347095

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Toluene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
tert-Butylbenzene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
trans-1,2-Dichloroethene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
1,2-Dibromoethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Trichloroethene	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Trichlorofluoromethane	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Vinyl chloride	<5.0		5.0		ug/Kg		09/25/18 11:47	09/27/18 06:10	1
Xylenes, Total	<10		10		ug/Kg		09/25/18 11:47	09/27/18 06:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*62 - 135*	*09/25/18 11:47*	*09/27/18 06:10*	*1*
Dibromofluoromethane (Surr)	*86*		*49 - 132*	*09/25/18 11:47*	*09/27/18 06:10*	*1*
4-Bromofluorobenzene (Surr)	*88*		*49 - 141*	*09/25/18 11:47*	*09/27/18 06:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*48 - 123*	*09/25/18 11:47*	*09/27/18 06:10*	*1*

Lab Sample ID: LCS 240-347409/7
Matrix: Solid
Analysis Batch: 347409

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	26.1		ug/Kg		104	73 - 124
1,1,1-Trichloroethane	25.0	26.1		ug/Kg		105	64 - 135
1,1,2,2-Tetrachloroethane	25.0	25.5		ug/Kg		102	68 - 128
1,1,2-Trichloroethane	25.0	24.6		ug/Kg		98	78 - 120
1,1-Dichloroethane	25.0	25.2		ug/Kg		101	72 - 122
1,1-Dichloroethene	25.0	25.3		ug/Kg		101	57 - 139
1,1-Dichloropropene	25.0	26.1		ug/Kg		104	72 - 127
1,2,3-Trichlorobenzene	25.0	22.8		ug/Kg		91	59 - 120
1,2,3-Trichloropropane	25.0	25.2		ug/Kg		101	68 - 128
1,2,4-Trichlorobenzene	25.0	22.3		ug/Kg		89	54 - 120
1,2,4-Trimethylbenzene	25.0	25.5		ug/Kg		102	75 - 121
1,2-Dibromo-3-Chloropropane	25.0	23.5		ug/Kg		94	38 - 135
1,2-Dichlorobenzene	25.0	23.5		ug/Kg		94	73 - 120
1,2-Dichloroethane	25.0	24.8		ug/Kg		99	64 - 126
1,2-Dichloropropane	25.0	25.6		ug/Kg		103	78 - 122
1,3,5-Trimethylbenzene	25.0	25.6		ug/Kg		102	76 - 124
1,3-Dichlorobenzene	25.0	23.3		ug/Kg		93	70 - 120
1,3-Dichloropropane	25.0	24.2		ug/Kg		97	76 - 120
1,4-Dichlorobenzene	25.0	23.0		ug/Kg		92	71 - 120
1,4-Dioxane	500	519		ug/Kg		104	51 - 140
2,2-Dichloropropane	25.0	24.2		ug/Kg		97	42 - 143
2-Chlorotoluene	25.0	25.0		ug/Kg		100	75 - 120
4-Chlorotoluene	25.0	24.7		ug/Kg		99	74 - 121
Benzene	25.0	24.3		ug/Kg		97	74 - 123
Bromobenzene	25.0	24.4		ug/Kg		98	75 - 120
Bromoform	25.0	21.2		ug/Kg		85	46 - 137
Bromomethane	25.0	22.5		ug/Kg		90	10 - 152

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

Lab Sample ID: LCS 240-347409/7
Matrix: Solid
Analysis Batch: 347409

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	25.0	26.2		ug/Kg		105	56 - 139
Chlorobenzene	25.0	23.7		ug/Kg		95	80 - 120
Chlorodibromomethane	25.0	24.0		ug/Kg		96	58 - 131
Chloroethane	25.0	25.0		ug/Kg		100	15 - 155
Chloroform	25.0	24.6		ug/Kg		98	72 - 124
Bromochloromethane	25.0	24.2		ug/Kg		97	72 - 124
Chloromethane	25.0	22.9		ug/Kg		91	45 - 128
cis-1,2-Dichloroethene	25.0	24.4		ug/Kg		97	74 - 123
Bromodichloromethane	25.0	24.5		ug/Kg		98	63 - 132
Dibromomethane	25.0	23.5		ug/Kg		94	71 - 122
Dichlorodifluoromethane	25.0	17.6		ug/Kg		70	26 - 138
Ethylbenzene	25.0	24.5		ug/Kg		98	76 - 120
Hexachlorobutadiene	25.0	24.6		ug/Kg		98	58 - 122
Isopropylbenzene	25.0	25.8		ug/Kg		103	77 - 124
Methylene Chloride	25.0	23.7	J	ug/Kg		95	62 - 137
Naphthalene	25.0	22.1		ug/Kg		88	51 - 120
n-Butylbenzene	25.0	25.6		ug/Kg		102	64 - 133
N-Propylbenzene	25.0	24.7		ug/Kg		99	73 - 129
p-Isopropyltoluene	25.0	25.9		ug/Kg		104	74 - 124
sec-Butylbenzene	25.0	26.0		ug/Kg		104	73 - 126
Styrene	25.0	25.5		ug/Kg		102	76 - 121
Tetrachloroethene	25.0	24.9		ug/Kg		100	76 - 120
Toluene	25.0	24.6		ug/Kg		99	76 - 120
tert-Butylbenzene	25.0	25.5		ug/Kg		102	73 - 122
trans-1,2-Dichloroethene	25.0	26.4		ug/Kg		106	71 - 133
1,2-Dibromoethane	25.0	25.4		ug/Kg		102	76 - 120
Trichloroethene	25.0	24.5		ug/Kg		98	73 - 126
Trichlorofluoromethane	25.0	24.6		ug/Kg		98	47 - 146
Vinyl chloride	25.0	24.5		ug/Kg		98	52 - 130
Xylenes, Total	50.0	50.7		ug/Kg		101	79 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*69*		*62 - 135*
Dibromofluoromethane (Surr)	*55*		*49 - 132*
4-Bromofluorobenzene (Surr)	*131*		*49 - 141*
1,2-Dichloroethane-d4 (Surr)	*56*		*48 - 123*

Lab Sample ID: MB 240-348349/6
Matrix: Water
Analysis Batch: 348349

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			10/03/18 11:54	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/03/18 11:54	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/03/18 11:54	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			10/03/18 11:54	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/03/18 11:54	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/03/18 11:54	1

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

Lab Sample ID: MB 240-348349/6
Matrix: Water
Analysis Batch: 348349

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<1.0		1.0		ug/L			10/03/18 11:54	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			10/03/18 11:54	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
1,2-Dibromo-3-Chloropropane	<2.0		2.0		ug/L			10/03/18 11:54	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
1,2-Dichloroethane	<1.0		1.0		ug/L			10/03/18 11:54	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/03/18 11:54	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/03/18 11:54	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
1,4-Dioxane	<50		50		ug/L			10/03/18 11:54	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/03/18 11:54	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/03/18 11:54	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/03/18 11:54	1
Benzene	<1.0		1.0		ug/L			10/03/18 11:54	1
Bromobenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
Bromoform	<1.0		1.0		ug/L			10/03/18 11:54	1
Bromomethane	<1.0		1.0		ug/L			10/03/18 11:54	1
Carbon tetrachloride	<1.0		1.0		ug/L			10/03/18 11:54	1
Chlorobenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
Chlorodibromomethane	<1.0		1.0		ug/L			10/03/18 11:54	1
Chloroethane	<1.0		1.0		ug/L			10/03/18 11:54	1
Chloroform	<1.0		1.0		ug/L			10/03/18 11:54	1
Bromochloromethane	<1.0		1.0		ug/L			10/03/18 11:54	1
Chloromethane	<1.0		1.0		ug/L			10/03/18 11:54	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/03/18 11:54	1
Bromodichloromethane	<1.0		1.0		ug/L			10/03/18 11:54	1
Dibromomethane	<1.0		1.0		ug/L			10/03/18 11:54	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			10/03/18 11:54	1
Ethylbenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
Hexachlorobutadiene	<1.0		1.0		ug/L			10/03/18 11:54	1
Isopropylbenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
Methylene Chloride	<5.0		5.0		ug/L			10/03/18 11:54	1
Naphthalene	<1.0		1.0		ug/L			10/03/18 11:54	1
n-Butylbenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
N-Propylbenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
p-Isopropyltoluene	<1.0		1.0		ug/L			10/03/18 11:54	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
Styrene	<1.0		1.0		ug/L			10/03/18 11:54	1
Tetrachloroethene	<1.0		1.0		ug/L			10/03/18 11:54	1
Toluene	<1.0		1.0		ug/L			10/03/18 11:54	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/03/18 11:54	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/03/18 11:54	1
1,2-Dibromoethane	<1.0		1.0		ug/L			10/03/18 11:54	1
Trichloroethene	<1.0		1.0		ug/L			10/03/18 11:54	1

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

Lab Sample ID: MB 240-348349/6
Matrix: Water
Analysis Batch: 348349

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			10/03/18 11:54	1
Vinyl chloride	<1.0		1.0		ug/L			10/03/18 11:54	1
Xylenes, Total	<2.0		2.0		ug/L			10/03/18 11:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*88*		*73 - 120*		*10/03/18 11:54*	*1*
Dibromofluoromethane (Surr)	*111*		*69 - 124*		*10/03/18 11:54*	*1*
4-Bromofluorobenzene (Surr)	*89*		*69 - 120*		*10/03/18 11:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*61 - 138*		*10/03/18 11:54*	*1*

Lab Sample ID: LCS 240-348349/4
Matrix: Water
Analysis Batch: 348349

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	10.0	10.9		ug/L		109	73 - 136
1,1,1-Trichloroethane	10.0	11.8		ug/L		118	64 - 147
1,1,2,2-Tetrachloroethane	10.0	10.2		ug/L		102	58 - 122
1,1,2-Trichloroethane	10.0	9.48		ug/L		95	76 - 121
1,1-Dichloroethane	10.0	11.5		ug/L		115	74 - 120
1,1-Dichloroethene	10.0	10.2		ug/L		102	65 - 127
1,1-Dichloropropene	10.0	10.6		ug/L		106	80 - 122
1,2,3-Trichlorobenzene	10.0	10.4		ug/L		104	31 - 144
1,2,3-Trichloropropane	10.0	9.79		ug/L		98	53 - 134
1,2,4-Trichlorobenzene	10.0	9.95		ug/L		99	34 - 141
1,2,4-Trimethylbenzene	10.0	8.95		ug/L		89	80 - 120
1,2-Dibromo-3-Chloropropane	10.0	11.0		ug/L		110	50 - 130
1,2-Dichlorobenzene	10.0	10.4		ug/L		104	80 - 120
1,2-Dichloroethane	10.0	10.1		ug/L		101	68 - 133
1,2-Dichloropropane	10.0	10.6		ug/L		106	78 - 127
1,3,5-Trimethylbenzene	10.0	8.91		ug/L		89	79 - 120
1,3-Dichlorobenzene	10.0	9.99		ug/L		100	80 - 120
1,3-Dichloropropane	10.0	9.40		ug/L		94	71 - 124
1,4-Dichlorobenzene	10.0	9.79		ug/L		98	80 - 120
1,4-Dioxane	200	277	*	ug/L		139	35 - 134
2,2-Dichloropropane	10.0	10.8		ug/L		108	32 - 178
2-Chlorotoluene	10.0	9.50		ug/L		95	80 - 120
4-Chlorotoluene	10.0	9.66		ug/L		97	79 - 120
Benzene	10.0	10.1		ug/L		101	79 - 120
Bromobenzene	10.0	10.1		ug/L		101	73 - 120
Bromoform	10.0	11.2		ug/L		112	55 - 145
Bromomethane	10.0	9.25		ug/L		93	17 - 158
Carbon tetrachloride	10.0	11.2		ug/L		112	55 - 171
Chlorobenzene	10.0	9.90		ug/L		99	80 - 120
Chlorodibromomethane	10.0	10.7		ug/L		107	64 - 129
Chloroethane	10.0	9.43		ug/L		94	10 - 149
Chloroform	10.0	11.4		ug/L		114	80 - 120
Bromochloromethane	10.0	11.8		ug/L		118	78 - 120

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

Lab Sample ID: LCS 240-348349/4
Matrix: Water
Analysis Batch: 348349

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	10.0	11.9		ug/L		119	59 - 124
cis-1,2-Dichloroethene	10.0	10.9		ug/L		109	77 - 120
Bromodichloromethane	10.0	10.2		ug/L		102	79 - 125
Dibromomethane	10.0	10.1		ug/L		101	80 - 120
Dichlorodifluoromethane	10.0	13.0		ug/L		130	42 - 141
Ethylbenzene	10.0	9.44		ug/L		94	80 - 120
Hexachlorobutadiene	10.0	9.16		ug/L		92	36 - 146
Isopropylbenzene	10.0	9.60		ug/L		96	80 - 128
Methylene Chloride	10.0	11.2		ug/L		112	64 - 140
Naphthalene	10.0	9.43		ug/L		94	31 - 127
n-Butylbenzene	10.0	8.76		ug/L		88	60 - 137
N-Propylbenzene	10.0	9.21		ug/L		92	76 - 120
p-Isopropyltoluene	10.0	9.00		ug/L		90	78 - 125
sec-Butylbenzene	10.0	8.84		ug/L		88	76 - 124
Styrene	10.0	9.57		ug/L		96	80 - 121
Tetrachloroethene	10.0	10.7		ug/L		107	80 - 122
Toluene	10.0	9.37		ug/L		94	78 - 120
tert-Butylbenzene	10.0	8.82		ug/L		88	79 - 120
trans-1,2-Dichloroethene	10.0	11.0		ug/L		110	74 - 124
1,2-Dibromoethane	10.0	9.32		ug/L		93	80 - 120
Trichloroethene	10.0	10.5		ug/L		105	76 - 124
Trichlorofluoromethane	10.0	9.98		ug/L		100	27 - 176
Vinyl chloride	10.0	10.3		ug/L		103	65 - 124
Xylenes, Total	20.0	19.4		ug/L		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*92*		*73 - 120*
Dibromofluoromethane (Surr)	*109*		*69 - 124*
4-Bromofluorobenzene (Surr)	*97*		*69 - 120*
1,2-Dichloroethane-d4 (Surr)	*103*		*61 - 138*

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

Lab Sample ID: MB 400-413217/13-A
Matrix: Solid
Analysis Batch: 413190

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 413217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	<1.0		1.0		ug/Kg		09/27/18 15:37	09/27/18 17:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane	*118*		*50 - 150*	*09/27/18 15:37*	*09/27/18 17:47*	*1*
4-Bromofluorobenzene	*93*		*50 - 150*	*09/27/18 15:37*	*09/27/18 17:47*	*1*
Toluene-d8 (Surr)	*81*		*50 - 150*	*09/27/18 15:37*	*09/27/18 17:47*	*1*

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

Lab Sample ID: LCS 400-413217/14-A
Matrix: Solid
Analysis Batch: 413190

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 413217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	10.0	13.4		ug/Kg		134	40 - 160

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane	*106*		*50 - 150*
4-Bromofluorobenzene	*87*		*50 - 150*
Toluene-d8 (Surr)	*79*		*50 - 150*

QC Association Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

GC/MS VOA

Prep Batch: 347095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101751-1	SB-302-0-2-0918	Total/NA	Solid	5035	
240-101751-2	SB-302-3-5-0918	Total/NA	Solid	5035	
240-101751-3	SB-302-8-10-0918	Total/NA	Solid	5035	
240-101751-4	SB-302-13-15-0918	Total/NA	Solid	5035	
240-101751-5	DUP-02-0918	Total/NA	Solid	5035	
MB 240-347095/2-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 347409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101751-1	SB-302-0-2-0918	Total/NA	Solid	8260B	347095
240-101751-2	SB-302-3-5-0918	Total/NA	Solid	8260B	347095
240-101751-3	SB-302-8-10-0918	Total/NA	Solid	8260B	347095
240-101751-4	SB-302-13-15-0918	Total/NA	Solid	8260B	347095
240-101751-5	DUP-02-0918	Total/NA	Solid	8260B	347095
MB 240-347095/2-A	Method Blank	Total/NA	Solid	8260B	347095
LCS 240-347409/7	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 348349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101751-6	TB-02	Total/NA	Water	8260B	
MB 240-348349/6	Method Blank	Total/NA	Water	8260B	
LCS 240-348349/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 413190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101751-1	SB-302-0-2-0918	Total/NA	Solid	8260B SIM	413217
240-101751-2	SB-302-3-5-0918	Total/NA	Solid	8260B SIM	413217
240-101751-3	SB-302-8-10-0918	Total/NA	Solid	8260B SIM	413217
240-101751-4	SB-302-13-15-0918	Total/NA	Solid	8260B SIM	413217
MB 400-413217/13-A	Method Blank	Total/NA	Solid	8260B SIM	413217
LCS 400-413217/14-A	Lab Control Sample	Total/NA	Solid	8260B SIM	413217

Prep Batch: 413217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101751-1	SB-302-0-2-0918	Total/NA	Solid	5035	
240-101751-2	SB-302-3-5-0918	Total/NA	Solid	5035	
240-101751-3	SB-302-8-10-0918	Total/NA	Solid	5035	
240-101751-4	SB-302-13-15-0918	Total/NA	Solid	5035	
MB 400-413217/13-A	Method Blank	Total/NA	Solid	5035	
LCS 400-413217/14-A	Lab Control Sample	Total/NA	Solid	5035	

General Chemistry

Analysis Batch: 347142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-101751-1	SB-302-0-2-0918	Total/NA	Solid	Moisture	
240-101751-2	SB-302-3-5-0918	Total/NA	Solid	Moisture	
240-101751-3	SB-302-8-10-0918	Total/NA	Solid	Moisture	
240-101751-4	SB-302-13-15-0918	Total/NA	Solid	Moisture	
240-101751-5	DUP-02-0918	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Client Sample ID: SB-302-0-2-0918 — Lab Sample ID: 240-101751-1

Date Collected: 09/19/18 10:10 — **Matrix: Solid**
Date Received: 09/24/18 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 12:07	ACR	TAL CAN

Client Sample ID: SB-302-0-2-0918 — Lab Sample ID: 240-101751-1

Date Collected: 09/19/18 10:10 — **Matrix: Solid**
Date Received: 09/24/18 09:00 — **Percent Solids: 91.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			347095	09/24/18 17:08	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347409	09/27/18 09:05	TJL2	TAL CAN
Total/NA	Prep	5035			413217	09/27/18 15:37	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	413190	09/27/18 23:41	CAR	TAL PEN

Client Sample ID: SB-302-3-5-0918 — Lab Sample ID: 240-101751-2

Date Collected: 09/19/18 10:25 — **Matrix: Solid**
Date Received: 09/24/18 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 12:07	ACR	TAL CAN

Client Sample ID: SB-302-3-5-0918 — Lab Sample ID: 240-101751-2

Date Collected: 09/19/18 10:25 — **Matrix: Solid**
Date Received: 09/24/18 09:00 — **Percent Solids: 86.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			347095	09/24/18 17:08	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347409	09/27/18 09:27	TJL2	TAL CAN
Total/NA	Prep	5035			413217	09/27/18 15:37	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	413190	09/28/18 00:06	CAR	TAL PEN

Client Sample ID: SB-302-8-10-0918 — Lab Sample ID: 240-101751-3

Date Collected: 09/19/18 10:45 — **Matrix: Solid**
Date Received: 09/24/18 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 12:07	ACR	TAL CAN

Client Sample ID: SB-302-8-10-0918 — Lab Sample ID: 240-101751-3

Date Collected: 09/19/18 10:45 — **Matrix: Solid**
Date Received: 09/24/18 09:00 — **Percent Solids: 86.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			347095	09/24/18 17:08	LAM	TAL CAN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Client Sample ID: SB-302-8-10-0918 — Lab Sample ID: 240-101751-3

Date Collected: 09/19/18 10:45 — **Matrix: Solid**
Date Received: 09/24/18 09:00 — **Percent Solids: 86.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	347409	09/27/18 09:48	TJL2	TAL CAN
Total/NA	Prep	5035			413217	09/27/18 15:37	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	413190	09/28/18 00:32	CAR	TAL PEN

Client Sample ID: SB-302-13-15-0918 — Lab Sample ID: 240-101751-4

Date Collected: 09/19/18 10:15 — **Matrix: Solid**
Date Received: 09/24/18 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 12:07	ACR	TAL CAN

Client Sample ID: SB-302-13-15-0918 — Lab Sample ID: 240-101751-4

Date Collected: 09/19/18 10:15 — **Matrix: Solid**
Date Received: 09/24/18 09:00 — **Percent Solids: 89.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			347095	09/24/18 17:08	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347409	09/27/18 10:10	TJL2	TAL CAN
Total/NA	Prep	5035			413217	09/27/18 15:37	CAR	TAL PEN
Total/NA	Analysis	8260B SIM		1	413190	09/28/18 00:57	CAR	TAL PEN

Client Sample ID: DUP-02-0918 — Lab Sample ID: 240-101751-5

Date Collected: 09/19/18 00:00 — **Matrix: Solid**
Date Received: 09/24/18 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	347142	09/25/18 12:07	ACR	TAL CAN

Client Sample ID: DUP-02-0918 — Lab Sample ID: 240-101751-5

Date Collected: 09/19/18 00:00 — **Matrix: Solid**
Date Received: 09/24/18 09:00 — **Percent Solids: 87.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			347095	09/24/18 17:08	LAM	TAL CAN
Total/NA	Analysis	8260B		1	347409	09/27/18 10:32	TJL2	TAL CAN

Client Sample ID: TB-02 — Lab Sample ID: 240-101751-6

Date Collected: 09/19/18 00:00 — **Matrix: Water**
Date Received: 09/24/18 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	348349	10/03/18 16:19	LEE	TAL CAN

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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

Accreditation/Certification Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Laboratory: TestAmerica Canton

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2927	02-23-19
Connecticut	State Program	1	PH-0590	12-31-19
Florida	NELAP	4	E87225	06-30-19
Illinois	NELAP	5	200004	07-31-19
Kansas	NELAP	7	E-10336	01-31-19
Kentucky (UST)	State Program	4	58	02-23-19
Kentucky (WW)	State Program	4	98016	12-31-18 *
Minnesota	NELAP	5	039-999-348	12-31-18 *
Minnesota (Petrofund)	State Program	1	3506	07-31-19
Nevada	State Program	9	OH00048	07-31-19
New Jersey	NELAP	2	OH001	06-30-19
New York	NELAP	2	10975	03-31-19
Ohio VAP	State Program	5	CL0024	09-06-19
Oregon	NELAP	10	4062	02-23-19
Pennsylvania	NELAP	3	68-00340	08-31-19 *
Texas	NELAP	6	T104704517-17-9	08-31-19
USDA	Federal		P330-16-00404	12-28-19
Virginia	NELAP	3	460175	09-14-19
Washington	State Program	10	C971	01-12-19
West Virginia DEP	State Program	3	210	12-31-18 *

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-19
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-19
California	State Program	9	2510	06-30-19
Florida	NELAP	4	E81010	06-30-19
Georgia	State Program	4	E81010 (FL)	06-30-19
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18 *
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-19
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-19
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-19
Massachusetts	State Program	1	M-FL094	06-30-19
Michigan	State Program	5	9912	06-30-19
New Jersey	NELAP	2	FL006	06-30-19
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-19
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18 *
Tennessee	State Program	4	TN02907	06-30-19
Texas	NELAP	6	T104704286-18-16	09-30-19

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Wood E&I Solutions Inc
Project/Site: Louisville, Ga - Thermo King

TestAmerica Job ID: 240-101751-1

Laboratory: TestAmerica Pensacola (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
US Fish & Wildlife	Federal		LE058448-0	07-31-19
USDA	Federal		P330-18-00148	05-17-21
Virginia	NELAP	3	460166	06-14-19
Washington	State Program	10	C915	05-15-19
West Virginia DEP	State Program	3	136	06-30-19

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

20-4/21.3

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-54483-23467.1
Client Contact: Ms. Rhonda Quinn	Phone:	E-Mail: patrick.omeara@testamericainc.com		Page: Page 1 of 2
Company: Wood E&I Solutions Inc				Job #:
Address: 1075 Big Shanty Road, NW Suite 100	Due Date Requested:			
City: Kennesaw	TAT Requested (days):			
State, Zip: GA, 30144				
Phone: 770-421-3516(Tel) 770-421-3486(Fax)	PO #: Purchase Order Requested			
Email: rhonda.quinn@woodplc.com	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C_SIM - 1,4-Dioxane-Nashville	8260B - (MOD) Custom List VOCs-FAP	Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N		
SB-302-0-2-0918	9-19-18	10:10	G	Solid				X	4	One for moisture
SB-302-3-5-0918		10:25		Solid				X	4	
SB-302-8-10-0918		10:45		Solid				X	4	
SB-302-13-15-0918		10:15		Solid			X	X	4	
SB-302-0-2-0918		10:10		Solid			X		4	
SB-302-3-5-0918		10:25		Solid			X		4	
SB-302-8-10-0918		10:45		Solid			X		4	
SB-302-13-15-0918		10:15		Solid			X		4	
DUP-02-0918		—		Solid				X	4	
TB-02		—		~~Solid~~ W				X	2	
				Solid						

240-101751 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Gregory Houtsmeer	Date/Time: 9-19-18 / 1715	Company	Received by:	Date/Time: 9/24/18 900	Company: TAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 101751

Client Wood E&I Site Name _____

Cooler Received on 9/24/18 Opened on 9/24/18

Cooler unpacked by: DD

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # TA Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-8 (CF +0.9 °C) Observed Cooler Temp. 20.4 °C Corrected Cooler Temp. 21.3 °C
   IR GUN #36 (CF +0.6°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 — Yes No
   - Were the seals on the outside of the cooler(s) signed & dated? — Yes No NA
   - Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? — Yes No
   - Were tamper/custody seals intact and uncompromised? — Yes No NA
3. Shippers' packing slip attached to the cooler(s)? — Yes No
4. Did custody papers accompany the sample(s)? — Yes No
5. Were the custody papers relinquished & signed in the appropriate place? — Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? — Yes No
7. Did all bottles arrive in good condition (Unbroken)? — Yes No
8. Could all bottle labels be reconciled with the COC? — Yes No
9. Were correct bottle(s) used for the test(s) indicated? — Yes No
10. Sufficient quantity received to perform indicated analyses? — Yes No
11. Are these work share samples? — Yes No
    If yes, Questions 12-16 have been checked at the originating laboratory.
12. Were all preserved sample(s) at the correct pH upon receipt? — Yes No NA pH Strip Lot# **HC849161**
13. Were VOAs on the COC? — Yes No
14. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. — Yes No NA
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # N/A — Yes No
16. Was a LL Hg or Me Hg trip blank present? _____ — Yes No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: DSD

18. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

19. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____.

WI-NC-099

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: O'Meara, Patrick J	Carrier Tracking No(s):	COC No: 240-92996.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: patrick.omeara@testamericainc.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note):		Job #: 240-101751-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 10/4/2018			
City: Pensacola	TAT Requested (days):			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #:			
Email:	WO #:			
Project Name: Louisville, Ga - Thermo King	Project #: 24009505			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_SIM/5035A_FP (MOD) 1,4-Dioxane-Pensacola	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-302-0-2-0918 (240-101751-1)	9/19/18	10:10 Eastern		Solid			X	3	Analyze from MeOH vial only!
SB-302-3-5-0918 (240-101751-2)	9/19/18	10:25 Eastern		Solid			X	3	Analyze from MeOH vial only!
SB-302-8-10-0918 (240-101751-3)	9/19/18	10:45 Eastern		Solid			X	3	Analyze from MeOH vial only!
SB-302-13-15-0918 (240-101751-4)	9/19/18	10:15 Eastern		Solid			X	3	Analyze from MeOH vial only!

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: 9/24 1700	Company: CLO	Received by:	Date/Time: 9/26/18 0941	Company: TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 25.2°C JR8

Ver: 09/20/2016

Login Sample Receipt Checklist

Client: Wood E&I Solutions Inc

Job Number: 240-101751-1

Login Number: 101751
List Number: 2
Creator: Perez, Trina M

List Source: TestAmerica Pensacola
List Creation: 09/26/18 02:02 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	25.2°C IR-8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX D

OPERATION AND MAINTENANCE PLANS AND INSPECTION SCHEDULES FOR ENGINEERING CONTROLS

Instructions for Completing the Type 5 RRS Area Encompassing Building Concrete Floor Slab and Adjacent Exterior Area Inspection Checklist

1. The Type 5 RRS area consisting of the central portion of the building concrete floor slab where former degreaser operations were conducted and extending to the exterior adjacent on the east side of the building shall be inspected annually. The inspection checklist shall be completed annually during the annual sampling event and whenever damage is detected or occurs in this area. Figure D-1 shows the location of the Type 5 RRS Area with engineering control requiring inspection.
2. Drawings and photographs shall be used to document condition and deficiencies, if any, observed during the annual inspection. A figure(s) shall be included in the Slab and Exterior Maintenance/Repair and Re-inspection Report that shows the location of each area identified to require maintenance or repair.
3. Where conditions are observed that require maintenance or repair, before and after photographs will be taken to document the condition observed and the subsequent maintenance or repair activity. A figure(s) will also be prepared that show the location and orientation of each photograph. These photographs and figures will be included in the Slab and Exterior Area Maintenance/Repair and Re-inspection Report.
4. The completed checklists and Slab and Exterior Area Maintenance/Repair and Re-inspection Report shall be retained for a period of 3 years.
5. These “instructions” shall be attached to the checklist.

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?			
a. Crack location:			
b. Crack length:			
c. Crack width:			
2. Are there any signs of settlement?			
a. Location of settlement:			
b. Severity of settlement:			
3. Is there any floor/wall separation on interior or exterior walls?			
a. Location of separation:			
b. Separation width:			
4. Is there any ponding of water?			
a. Location:			
b. Size (Diameter):			
5. Are expansion joints sealed?			
a. Location:			
b. Condition of sealing material:			
6. Are there areas where concrete or exterior area paving have been repaired/replaced?			
a. Location:			
7. Are there any areas of discoloration and/or staining in the concrete or exterior area paving?			
a. Location:			
b. Size (Diameter):			
c. Apparent Source:			
8. Is there any evidence of animals burrowing underneath the slab or exterior area paving?			
a. Location:			
b. Diameter of hole:			
9. Is the fence surrounding the building intact?			
a. Location of damage:			
b. Type of damage:			

Condition	Yes	No	Description
10. Is vegetation growing up through slab or exterior area?			
a. Location of vegetation:			
b. Size of area:			

Additional Inspection Items	Y	N	N/A	Location
Abrasion				
Blistering				
Chemical Deterioration				
Honeycombing				
Pitting				
Reinforcement Corrosion				
Spalling				
Other				

12/17/2018

Inspector:_____**Company:**_____**Date:**_____

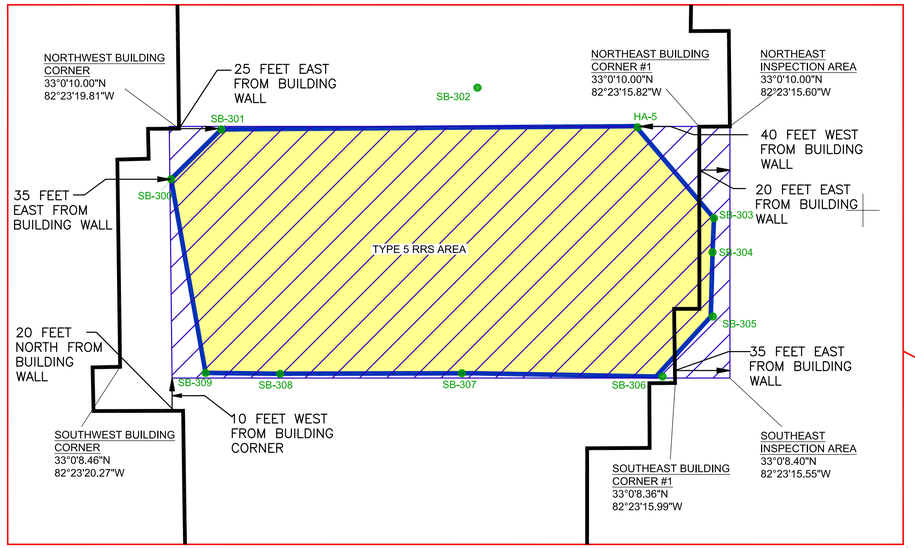
Building Floor Slab and Adjacent Exterior Area Maintenance/Repair and Re-Inspection Report

Item	Maintenance or Repairs Required	Conducted by	Date Completed	Re-Inspection Date and Initials

12/18/2018

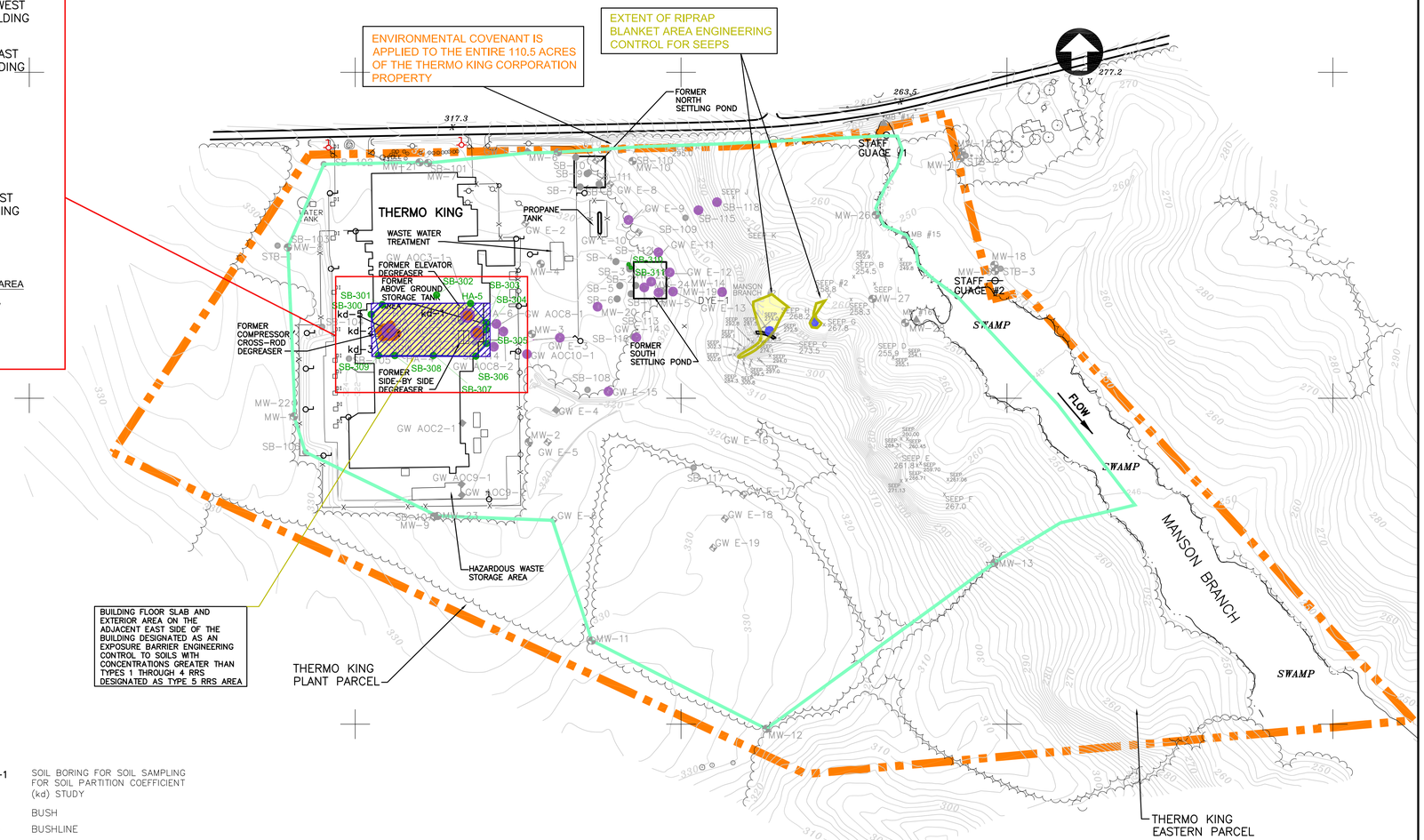
Company: _____

Inspector: _____ **Date:** _____



INSET: LOCATION OF AREA TO INSPECT

SCALE IN FEET
0 50 100



LEGEND

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 A 299.0	WATER SEEP WITH ELEVATION SAMPLED FOR SURFACE WATER FOR LABORATORY ANALYSIS (MACTEC 2003: Seeps A through L, Manson Branch #2, and Seep #2)
SEEP 252.9	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
DI	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)

SCALE IN FEET
0 200 400

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	11/6/2018

THERMO KING CORPORATION
LOUISVILLE, GEORGIA

wood.

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

RISK REDUCTION STANDARDS COMPLIANCE MAP WITH LOCATIONS OF ENGINEERING AND INSTITUTIONAL CONTROLS

FIGURE: D-1

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

J:\Thermo King\OCT 2018\RISK REDUCTION STANDARD_D-1.dwg – Layout1 12/18/2018 3:25pm Tonya.Gladstone

Instructions for Completing Sub-Slab and Adjacent Exterior Area Soil Management Plan Checklist

1. Prior to conducting proposed soil disturbing activities in the Type 5 RRS area sub-slab or in the exterior adjacent area on the east side of the building, the contractor shall prepare the following project-specific plans:
    - Project-Specific Sub-Slab and Adjacent Exterior Area Soil Disturbance and Management Plan
    - Health and Safety Plan
    - Waste Management Plan with decontamination procedures

2. Drawings and photographs shall be used to document conditions observed during the disturbance, soil management and restoration activities. A figure(s) shall be included in the Soil Disturbance Management Report that shows the location of those areas where sub-slab or adjacent exterior area soils will be disturbed. A figure(s) shall also be prepared that shows the location and orientation of each photograph. These before and after photographs will be taken to document the conditions observed and the subsequent soil management and restoration activity.

3. The completed checklists and Soil Disturbance Management Report shall be retained for a period of 3 years.

4. These “instructions” shall be attached to the checklist.

Type 5 RRS Area Sub-Slab and Adjacent Exterior Area Soil Management Plan Checklist
Thermo King, Louisville, Georgia

Condition	Status	Yes	No	Description/Comment
Preparing for Type 5 RRS Area Sub-Slab and Adjacent Exterior Area Soil Disturbance				
Due to contaminants present in the soil in the Type 5 RRS area sub-slab and the adjacent exterior area on the east side of the building, precautions will be taken to protect human health and ensure contaminated soils are properly managed.	Will the soil disturbance result in removal or modification of the main building floor slab or adjacent exterior east side of building area paving?			
	Where will the disturbance be conducted (attach figure)?			
	How deep will the disturbance be?			
	What is the reason for the disturbance?			
Because Thermo King is responsible for monitoring compliance with the Voluntary Remediation Plan and Environmental Covenant, they will be apprised of any changes or impacts to engineering controls (i.e. the building slab or rip-rap blanket) at the site.	Has Thermo King been apprised of the work to be conducted and has a Project-Specific Sub-Slab and Adjacent Exterior Area Soil Disturbance Management Plan for this project been completed? (attach Plan to this Checklist and provide copy to Thermo King)			
The Project-Specific Sub-Slab and Adjacent Exterior Area Soil Management Plan requires a Health and Safety Plan (HASP) that meets OHSA requirements and a Waste Management Plan (WMP) to be prepared. The HASP details actions that will be taken to protect human health during excavation activities and prevent exposure to soil contaminants including personal protective equipment needed, air monitoring, and dust control. The WMP will detail the management of the soil when excavated including sampling and segregation of contaminated soils, and offsite disposal. The WMP will also include an appendix with the project-specific decontamination procedures.	Has a HASP and Waste Management Plan been prepared? (attach both Plans to this checklist and provide copies to Thermo King)			
	Has guidance been provided to workers on what proper Personal Protective Equipment (PPE) is required and has PPE been provided to workers?			
	Has equipment been provided to monitor air during the project and are personnel trained and have experience operating it?			
	Is the equipment needed to control dust in place and have workers been instructed in steps to take to control dust?			

Condition	Status	Yes	No	Description/Comment
Conduct Soil Disturbance				
Prior to disturbing the building slab or the pavement on the adjacent exterior area (Type 5 RRS area), utilities will be identified and marked.	Are utilities located and marked?			
Due to contaminants present in the soil in the Type 5 RRS area sub-slab and the adjacent exterior area on the east side of the building, active monitoring using a PID or equivalent monitor will be used to screen soil and protect human health	Will a PID or equivalent detector and particulate meter be used to screen the breathing zone for health and safety purposes? If not, what will be used?			
	Has a log sheet been provided to record measurements taken during the project?			
Describe soil disturbance (excavation, trenching, or drilling, etc.)				
Contaminated materials, including soils and concrete/asphalt will be properly segregated from non-contaminated soils, and managed according to environmental regulations.	Were contaminated materials separated from non-contaminated materials based on visual staining, olfactory evidence and/or elevated PID screening results?			
	Were contaminated materials placed on and covered with plastic sheeting, protected from contact with storm water and staged in a location where there will be no contact with people or non-contaminated materials? Do not store contaminated materials inside of facility.			
The area will be restored to original construction conditions.	Was disturbed area restored by backfilling with clean fill, soil or gravel and compacted to provide support for the new section(s) of concrete floor slab or the paving in the adjacent exterior area?			
	Was the concrete floor slab or adjacent exterior paving restored to the thickness of the original slab with matching reinforcement and expansion joints, as appropriate, to equivalent condition prior to disturbance?			
Equipment used for excavation will be decontaminated prior to demobilizing from site.	Was equipment decontaminated? Were materials used to decontaminate equipment properly containerized?			

Condition	Status	Yes	No	Description/Comment
Post Soil Disturbance for Slab and Adjacent Exterior Area				
Contaminated soils and decontamination materials will be disposed of according to local, state, and federal regulations including proper characterization.	Were representative composite samples collected of the contaminated soils and decontamination materials and analyzed for constituents of concern (site VOCs) and other parameters (at a minimum pH and flash point/ignitibility and TCLP for D-listed chlorinated solvents) required by the disposal facility?			
	Was the disposal facility selected based on analytical results and permitted ability to receive contaminated soil?			
	Were the contaminated soils and decontamination materials contained, characterized and disposed of properly within 30 days of excavation? Hazardous Wastes are to be removed from the site and properly disposed of off-site in less than 90 days. (Attached disposal records including manifests and certificates of disposal to this checklist)			
A Soil Disturbance Management Report will be prepared and attached to this Checklist and provided to Thermo King. The Report will include a description of the project, field notes and monitoring information, equipment decontamination documents, clean fill data, waste analysis, waste manifests, and disposal certifications. Photos taken to document the project will also be included in the report.	Is the description and documentation of soil disturbance activities documented with photographs, drawings, and/or surveying?			
	Is the description and documentation of how the soils were managed including waste sampling procedures, waste analytical results, manifests, and disposal certificates included in the report?			
	Were the description and documentation of the restoration of the disturbed areas documented with photographs and drawings?			

12/17/2018

Person Who Completed Checklist: _____ Company: _____ Date: _____

Instructions for Completing the Rip-Rap Blanket Inspection Checklist

1. This Rip-Rap Blanket inspection checklist shall be completed annually and whenever damage is detected or occurs in this area. The blanket will also be inspected after a 25-year, 24-hour rainfall event (i.e., more than 6 inches of rain in 24-hours).
2. Drawings and photographs shall be used to document condition and deficiencies, if any, observed during the annual inspection. Figure D-2 shows the location and extent of the rip-rap blanket and the attached photos show the condition of the rip-rap blanket after construction. The condition of the blanket at the time of inspection will be compared to previous photographs to assist with gauging if repairs or maintenance is needed. A figure(s) shall be included in the Rip-Rap Blanket Maintenance/Repair and Re-inspection Report that shows the location of each area determined to require maintenance or repair.
3. Where conditions are observed that require maintenance or repair, before and after photographs will be taken to document the condition observed and the subsequent maintenance or repair activity. A figure(s) will also be prepared that show the location and orientation of each photograph. These photographs and figures will be included in the Rip-Rap Blanket Maintenance/Repair and Re-inspection Report.
4. The completed checklists and Rip-Rap Blanket Maintenance/Repair and Re-inspection Report shall be retained for a period of 3 years.
5. These “instructions” shall be attached to the checklist.

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

Inspection Item	Observation		Condition			Weather Conditions:_____
	Yes	No	NA	MN	IA	Comments (Indicate Locations on Figure D-2 and Attach)
1. Access Road						
Erosion						
Ruts/Depressions						
Excess Vegetation/Fallen Trees						
2. Rip-Rap Flume To Check Dam						
Erosion						
Settlement of Rip-Rap						
Sediment Build-up in Check Dam						
Excess Vegetation/Fallen Trees						
3. MB#2 Rip-Rap Blanket						
Erosion						
Settlement of Rip-Rap						
Water Flowing on Surface						
Sediment Build-up/Plugging						
Excess Vegetation/Fallen Trees						
Sampling Vault Condition						
4. Seep H Rip-Rap Blanket						
Erosion						
Settlement of Rip-Rap						

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

Inspection Item	Observation		Condition			Weather Conditions:_____
	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						
Sediment Build-up/Plugging						
Excess Vegetation/Fallen Trees						
Sampling Vault Condition						
5. Vegetated Embankment						
Erosion						
Fallen Trees						
Bare Spots						
6. Other Observations						

Date of Inspection:		**Inspector:**	
			(Print)
			(Signature)

12/17/2018

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

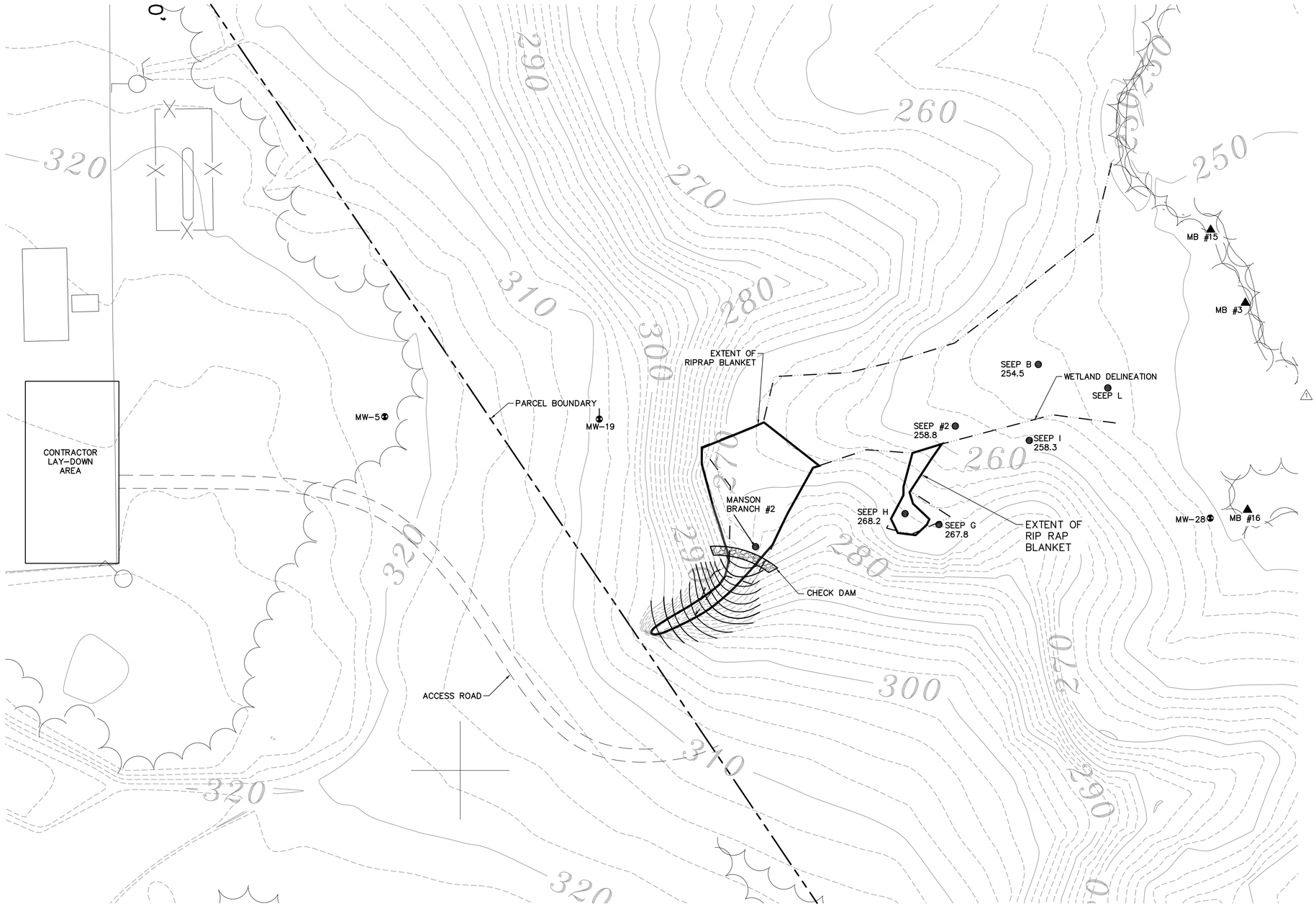
Rip-Rap Blanket Maintenance/Repair and Re-Inspection Report

Item	Maintenance or Repairs Required	Conducted by	Date Completed	Re-Inspection Date and Initials

12/17/2018

Company: _____

Inspector: _____ **Date:** _____



LEGEND

- GROUNDWATER MONITORING WELL INSTALLED TO TOP OF TWIGGS CLAY (UPPERMOST WATER-BEARING ZONE)
- WATER SEEP WITH ELEVATION. SAMPLED FOR SURFACE WATER FOR LABORATORY ANALYSIS
- MANSON BRANCH SURFACE WATER SAMPLING LOCATION
- WETLAND DELINEATION
- EXTENT OF RIPRAP BLANKET
- 300 MAJOR EXISTING CONTOUR
- MINOR EXISTING CONTOUR
- CONTOUR AFTER RIPRAP CONSTRUCTION
- 10' WIDE CONSTRUCTION HAUL ROAD

DESIGNED	
DRAWN	T. GLADSTONE
CHECKED	R. QUINN
IN CHARGE	D. ALCOTT
DATE	11/12/2018

THERMO KING CORPORATION
LOUISVILLE, GEORGIA

wood.

ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC.
1075 BIG SHANTY ROAD, NW, SUITE 100
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RIPRAP BLANKET AREA

FIGURE D-2

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

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

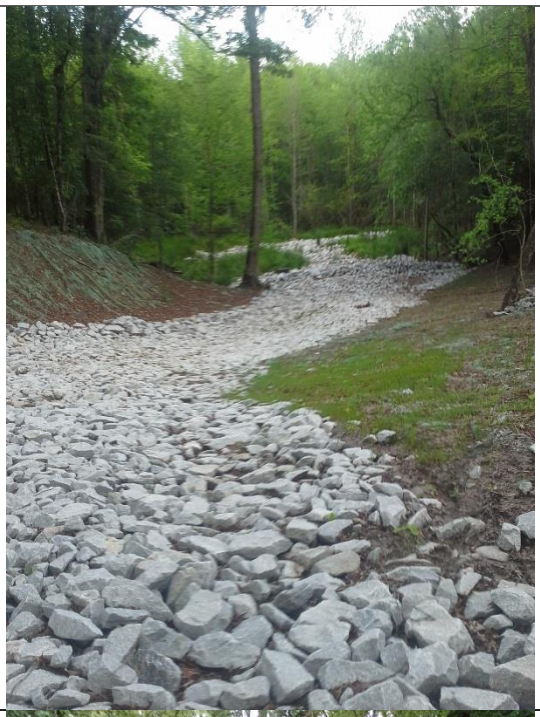
PHOTOGRAPHS

Thermo King Rip Rap Blanket
Louisville, Georgia
Photographic Log

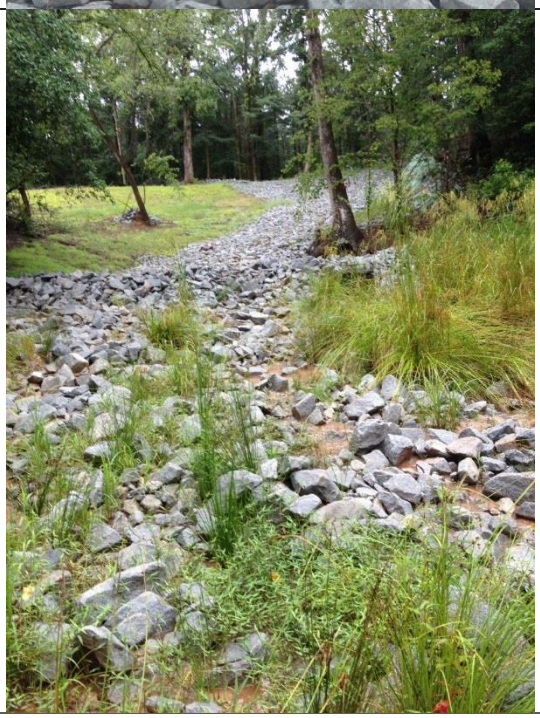
Client: Ingersoll Rand
Location: ThermoKing, Louisville, Georgia
Project: Riprap Blanket Install
Date: 5/12/12
Photo #: 155
Photographer: P. Gazzo
Description: Riprap around seep MB#2 looking down from top of slope

Client: Ingersoll Rand
Location: ThermoKing, Louisville, Georgia
Project: Riprap Blanket Install
Date: 5/17/12
Photo #: 183
Photographer: P. Gazzo
Description: Flume leading down to riprap blanket at MB#2 with erosion control matting laid

Thermo King Rip Rap Blanket
Louisville, Georgia
Photographic Log



Client: Ingersoll Rand
Location: ThermoKing, Louisville, GA
Project: Riprap Blanket Inspection
Date: 4/29/13
Photo #: 184826
Photographer:
Description: Riprap blanket looking down at MB#2 from top of slope



Client: Ingersoll Rand
Location: ThermoKing, Louisville, GA
Project: Riprap Blanket Inspection
Date: 7/12/13
Photo #: 0622
Photographer:
Description: Looking up at top of slope from check dam near MB#2

Thermo King Rip Rap Blanket
Louisville, Georgia
Photographic Log

Client: Ingersoll Rand
Location: ThermoKing, Louisville, GA
Project: Riprap Blanket Inspection
Date: 1/9/14
Photo #: 077
Photographer:
Description: Riprap blanket looking down at MB#2 from top of slope

Client: Ingersoll Rand
Location: ThermoKing, Louisville, GA
Project: Riprap Blanket Inspection
Date: 1/9/14
Photo #: 078
Photographer:
Description: Riprap blanket and check dam at MB#2

Thermo King Rip Rap Blanket
Louisville, Georgia
Photographic Log

Client: Ingersoll Rand

Location: ThermoKing, Louisville, GA

Project: Riprap Blanket Inspection

Date: 7/9/15

Photo #: 5058

Photographer:

Description: Riprap blanket and check dam at MB#2

Client: Ingersoll Rand

Location: ThermoKing, Louisville, GA

Project: Riprap Blanket Inspection

Date: 12/16/15

Photo #: 131722

Photographer: P. Gazzo

Description: Riprap blanket looking down at MB#2 from top of slope

APPENDIX E

WELL ABANDONMENT

ABANDONMENT OF MONITORING WELLS

In the Voluntary Remediation Program Compliance Status Report, dated March 10, 2016 and the Post-VRP CSR Annual Monitoring Report (dated December 16, 2016), Ingersoll Rand proposed to cease groundwater monitoring at the Thermo King site in Louisville, Georgia. 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. The wells proposed for abandonment and the well abandonment procedures were presented in the Response to November 30, 2017 Comments (dated January 31, 2018). EPD approved the proposed well abandonment in their March 12, 2018 comment letter.

Well abandonment activities were conducted on September 17 through 20, 2018. The twenty-one abandoned wells are listed on Table E-1, and their locations are shown on Figure E-1. The wells selected for abandonment were non-detect for VOCs or had VOC concentrations that were less than risk reduction standards. Wood Environment & Infrastructure Solutions, (Wood) – Kennesaw, Georgia directed and documented the abandonment activities that were conducted by Premier Drilling Services – Atlanta, Georgia. The wells were abandoned under the direction of a Georgia Professional Geologist. Eighteen wells (Table E-1) were abandoned by filling the well casings with a Portland cement and bentonite grout mixture injected under pressure using a tremie pipe. The tremie pipe was inserted to the bottom of the well casing and the grout mixture pumped into the casing until grout was visible at the top of the well casing. Additional grout was added after the first grout injection had settled so that the casing was completely filled. The well casings below the ground surface were left in place and the aboveground protective covers and concrete pads were removed using a skid-steer excavator. The covers and concrete pads were disposed off-site as municipal waste. Wells abandoned in paved parking lots locations had the concrete well pads removed the resulting opening was patched with concrete. Wells abandoned in grassed areas were covered over with soil and seeded with grass after the well pads and covers were removed.

Wells MW-26, MW-27, and MW-28 were shallow wells previously installed using hand augers. Because these three wells were about 7 feet in total depth, the risers and pre-packed well screens were manually pulled from the ground. The resulting boreholes for wells MW-26, MW-27, and MW-28 were then filled with bentonite chips and hydrated with

potable water. A description of well depths, the volumes of grout injected and abandonment method is presented on the monitoring well abandonment records provided in the Attachment.

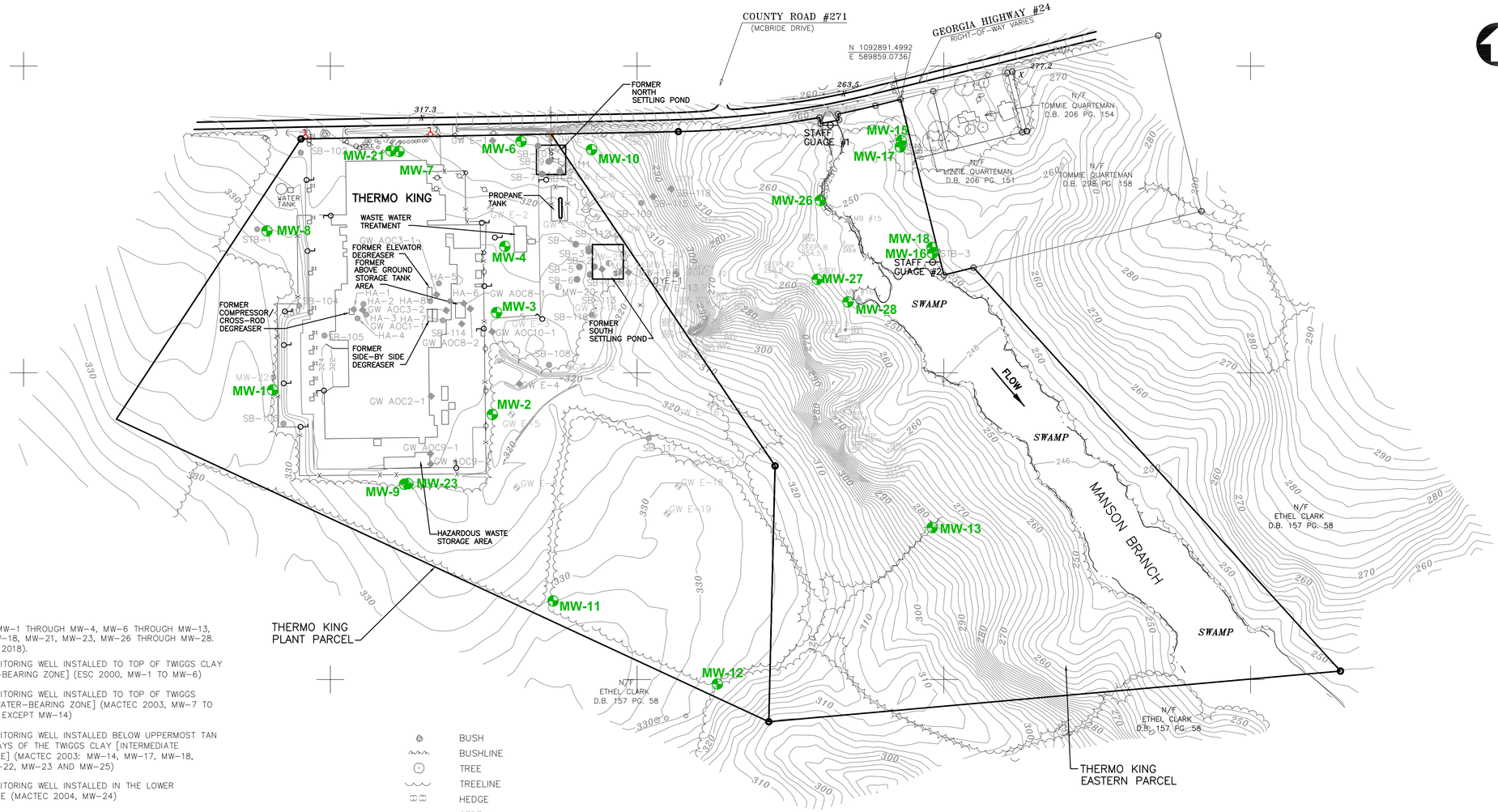
Ingersoll Rand did not abandon the following seven wells (MW-5, MW-14, MW-19, MW-20, MW-22, MW-24, and MW-25). These wells are being retained to be used for the purpose of future due diligence monitoring if the property is sold, re-developed, or demolished. Ingersoll Rand will re-evaluate the need to abandon the seven wells after two to three years.

Table E-1: Monitoring Wells Abandoned September 2018
Figure E-1: Well Locations Map Showing Wells Abandoned September 2018
Attachment: Monitoring Well Abandonment Records

Table E-1. Monitoring Wells Abandoned September 2018

Well Abandoned	Total Well Depth (ft, btoc)	Date Abandoned	Approximate Volume of Grout (gal)
MW-1	75.0	9/18/2018	50
MW-2	58.0	9/18/2018	15
MW-3	60.0	9/18/2018	60
MW-4	58.0	9/18/2018	15
MW-6	48.0	9/19/2018	20
MW-7	56.2	9/18/2018	15
MW-8	70.2	9/18/2018	20
MW-9	65.2	9/18/2018	30
MW-10	47.6	9/18/2018	15
MW-11	78.7	9/18/2018	30
MW-12	73.1	9/18/2018	20
MW-13	24.8	9/18/2018	15
MW-15	14.6	9/19/2018	15
MW-16	14.9	9/19/2018	15
MW-17	50.5	9/19/2018	25
MW-18	45.1	9/19/2018	25
MW-21	105.2	9/18/2018	25
MW-23	106.5	9/18/2018	40
MW-26	10.3	9/17/2018	1/3 of 50 pound bag bentonite chips
MW-27	10.0	9/17/2018	1/3 of 50 pound bag bentonite chips
MW-28	10.0	9/17/2018	1/3 of 50 pound bag bentonite chips

btoc below top of casing
ft feet
gal gallons



LEGEND

MW-4	ABANDONED WELLS MW-1 THROUGH MW-4, MW-6 THROUGH MW-13, MW-15 THROUGH MW-18, MW-21, MW-23, MW-26 THROUGH MW-28. (SEPTEMBER 17-20, 2018).
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
SEEP A 299.0	WATER SEEP WITH ELEVATION SAMPLED FOR SURFACE WATER FOR LABORATORY ANALYSIS (MACTEC 2003: Seeps A through L, Manson Branch #2, and Seep #2)
X SEEP 252.9	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

BUSH
BUSHLINE
TREE
TREELINE
HEDGE
STREAM
FENCE
300 TOPOGRAPHIC CONTOUR
DI DROP INLET
LIGHT POLE
PROPERTY BOUNDARY

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.

SCALE IN FEET
0 200 400

DESIGNED	G. HORSTMEIER
DRAWN	T. GLADSTONE
CHECKED	R. QUINN
IN CHARGE	D. ALCOTT
DATE	11/5/2018

THERMO KING CORPORATION
LOUISVILLE, GEORGIA

wood.

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

WELL LOCATIONS MAP SHOWING WELLS ABANDONED SEPTEMBER 2018

SCALE	AS SHOWN	
CONTRACT	6122090322	
DWG. NO.	REV	PAGE NO
E-1	0	1

J:\Thermo King\OCT 2018\SITE SAMPLE LOCATION MAP.dwg - Layout1 11/06/2018 4:30pm Tonya.Gladstone

ATTACHMENT

MONITORING WELL ABANDONMENT RECORDS

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-1
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-18-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Sonic

Date of Well Installation 01-31-2000

Original Purpose of Well Installation ground-water quality monitoring screened in Uppermost Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 75.0 ft btoc total well depth 78.0 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.02-inch

Length of Screen 5 ft (69.4 to 74.4 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type brown coarse sand with some clay

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 50 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-18-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-2
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-18-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Sonic

Date of Well Installation 02-01-2000

Original Purpose of Well Installation ground-water quality monitoring screened in Uppermost Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 58.0 ft btoc total well depth 68.0 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.02-inch

Length of Screen 5 ft (53.0 to 58.0 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type brown coarse sand, well sorted, containing white and red clay laminations

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 15 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-18-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-3
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-18-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Sonic

Date of Well Installation 02-02-2000

Original Purpose of Well Installation ground-water quality monitoring screened in Uppermost Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 60.0 ft btoc total well depth 63.4 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.02-inch

Length of Screen 5 ft (55.0 to 60.0 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type brown medium to coarse sand, well sorted

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 60 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-18-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-4
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-18-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Sonic

Date of Well Installation 02-03-2000

Original Purpose of Well Installation ground-water quality monitoring screened in Uppermost Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 58.0 ft btoc total well depth 68.0 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.02-inch

Length of Screen 5 ft (53.0 to 58.0 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type brown medium to coarse sand, some clay

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 15 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-18-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-6
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-19-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Sonic

Date of Well Installation 02-02-2000

Original Purpose of Well Installation ground-water quality monitoring screened in Uppermost Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 48.0 ft btoc total well depth 58.0 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.02-inch

Length of Screen 5 ft (43.0 to 48.0 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type brown coarse sand, well sorted

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 20 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-19-2018

MONITORING WELL ABANDONMENT RECORD

wood.

WELL NO.: MW-7
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-18-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Sonic

Date of Well Installation 02-06-2003

Original Purpose of Well Installation ground-water quality monitoring screened in Uppermost Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 56.2 ft btoc total well depth 58.0 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.01-inch

Length of Screen 10 ft (46.0 to 56.0 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type brown to light gray slightly silty fine sand grading to clayey very silty fine sand with some medium grains to sandy clay

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 15 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-18-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-8
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-18-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Sonic

Date of Well Installation 02-06-2003

Original Purpose of Well Installation ground-water quality monitoring screened in Uppermost Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 70.2 ft btoc total well depth 72.0 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.01-inch

Length of Screen 10 ft (60.0 to 70.0 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type gray brown to gray white very slightly silty fine sand grading to clayey silty fine to coarse sand grading to sandy clay and pure clay

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 20 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-18-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-9
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-18-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Sonic

Date of Well Installation 02-10-2003

Original Purpose of Well Installation ground-water quality monitoring screened in Uppermost Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 65.2 ft btoc total well depth 69.0 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.01-inch

Length of Screen 10 ft (55.0 to 65.0 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type brown to gray slightly silty fine sand grading to very clayey fine to medium sand

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 30 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-18-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-10
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-18-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Sonic

Date of Well Installation 02-10-2003

Original Purpose of Well Installation ground-water quality monitoring screened in Uppermost Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 47.6 ft btoc total well depth 49.5 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.01-inch

Length of Screen 10 ft (35.0 to 45.0 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type gray fine to coarse sand, very clayey fine sand from 40.5-42.0 ft

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 15 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-18-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-11
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-18-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Sonic

Date of Well Installation 02-11-2003

Original Purpose of Well Installation ground-water quality monitoring screened in Uppermost Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 78.7 ft btoc total well depth 79.0 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.01-inch

Length of Screen 10 ft (66.0 to 76.0 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type gray very clayey silty fine sand grading to fine sand grading to very clayey fine to coarse sand

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 30 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-18-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-12
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-18-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Sonic

Date of Well Installation 02-11-2003

Original Purpose of Well Installation ground-water quality monitoring screened in Uppermost Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 73.1 ft btoc total well depth 73.0 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.01-inch

Length of Screen 10 ft (60.5 to 70.5 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type gray slightly clayey/silty fine sand grading to very clayey fine sand grading to clayey fine to coarse sand grading to sandy clay

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 20 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-18-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-13
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-18-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Sonic

Date of Well Installation 02-12-2003

Original Purpose of Well Installation ground-water quality monitoring screened in Uppermost Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 24.8 ft btoc total well depth 25.0 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.01-inch

Length of Screen 10 ft (12.0 to 22.0 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type brown silty sandy clay grading to slightly silty/clayey fine sand grading to clayey fine to coarse sand grading to clay

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 15 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-18-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-15
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-19-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Hollow stem augers

Date of Well Installation 03-27-2003

Original Purpose of Well Installation ground-water quality monitoring screened in Uppermost Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 14.6 ft btoc total well depth 12.0 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.01-inch

Length of Screen 5 ft (6.7 to 11.7 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type gray slightly silty slightly sandy clay grading to clay

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 15 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-19-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-16
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-19-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Hollow stem augers

Date of Well Installation 03-14-2003

Original Purpose of Well Installation ground-water quality monitoring screened in Uppermost Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 14.9 ft btoc total well depth 12.5 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.01-inch

Length of Screen 5 ft (6.7 to 11.7 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type gray brown very sandy clay grading to very clayey sand

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 15 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-19-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-17
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-19-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Hollow stem augers

Date of Well Installation 05-08-2003

Original Purpose of Well Installation ground-water quality monitoring screened in Intermediate Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 50.5 ft btoc total well depth 50.3 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.01-inch

Length of Screen 15 ft (33.0 to 47.5 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type gray to greenish-gray fine to coarse sand; silty and clayey at times

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 25 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-19-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-18
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-19-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Mud rotary

Date of Well Installation 05-09-2003

Original Purpose of Well Installation ground-water quality monitoring screened in Intermediate Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 45.1 ft btoc total well depth 48.0 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.01-inch

Length of Screen 15 ft (27.0 to 42.0 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type gray to greenish-gray fine to coarse silty to clayey sand

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 25 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-19-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-21
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-18-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Sonic

Date of Well Installation 09-03-2003

Original Purpose of Well Installation ground-water quality monitoring screened in Intermediate Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 105.2 ft btoc total well depth 105.2 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.01-inch

Length of Screen 15 ft (89.7 to 104.7 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type blue-gray fine to medium clayey sand

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 25 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-18-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-23
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-18-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Sonic

Date of Well Installation 09-03-2003

Original Purpose of Well Installation ground-water quality monitoring screened in Intermediate Water-bearing Zone

Total Depth of Well
(Measured from Top of Riser) 106.5 ft btoc total well depth 106.5 ft bgs total boring depth

Well Diameter 2 inches

Screen Slot Size 0.01-inch

Length of Screen 15 ft (91.0 to 106.0 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type blue-gray fine to coarse silty clayey sand

Description of Well Abandonment Method casing filled with cement bentonite grout under pressure using tremie method

Type and Volume of Materials Used to Plug Well/Borehole cement and bentonite (approx. 40 gallons)

Riser and Screen Removed or Left in Place casing left in-place

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-18-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-26
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-17-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Hand auger

Date of Well Installation 10-19-2010

Original Purpose of Well Installation ground-water quality monitoring screened in Alluvial/Colluvial Zone

Total Depth of Well
(Measured from Top of Riser) 10.3 ft btoc total well depth 6.5 ft bgs total boring depth

Well Diameter 3/4 inches

Screen Slot Size 0.01-inch

Length of Screen 5 ft (1.0 to 6.0 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type gray brown to bluish gray sandy clay, to clayey fine sand

Description of Well Abandonment Method manually pulled well screen and casing from borehole, then filled borehole with bentonite chips and hydrated

Type and Volume of Materials Used to Plug Well/Borehole bentonite chips (1/3 of 50 pound bag)

Riser and Screen Removed or Left in Place removed

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-17-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-27
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-17-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Hand auger

Date of Well Installation 10-19-2010

Original Purpose of Well Installation ground-water quality monitoring screened in Alluvial/Colluvial Zone

Total Depth of Well
(Measured from Top of Riser) 10.0 ft btoc total well depth 7.5 ft bgs total boring depth

Well Diameter 3/4 inches

Screen Slot Size 0.01-inch

Length of Screen 5 ft (2.2 to 7.2 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type gray brown to bluish gray sandy clay

Description of Well Abandonment Method manually pulled well screen and casing from borehole, then filled borehole with bentonite chips and hydrated

Type and Volume of Materials Used to Plug Well/Borehole bentonite chips (1/3 bag of 50 pound bag)

Riser and Screen Removed or Left in Place removed

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-17-2018

MONITORING WELL ABANDONMENT RECORD

WELL NO.: MW-28
PROJECT NAME: Thermo King Louisville GA
PROJECT NO.: 6122-09-0322
DATE: 9-17-2018

Name of Property Owner Thermo King Corp/Ingersoll Rand

Address of Property 1430 Highway 24 East, Louisville, GA

Type of Well Installation Method Hand auger

Date of Well Installation 10-19-2010

Original Purpose of Well Installation ground-water quality monitoring screened in Alluvial/Colluvial Zone

Total Depth of Well
(Measured from Top of Riser) 10.0 ft btoc total well depth 7.3 ft bgs total boring depth

Well Diameter 3/4 inches

Screen Slot Size 0.01-inch

Length of Screen 5 ft (2.1 to 7.1 ft bgs)

Depth to Water/Date
(Measured from Top of Riser) not measured

Formation Type brown to bluish gray sandy clay grading to clay

Description of Well Abandonment Method manually pulled well screen and casing from borehole, then filled borehole with bentonite chips and hydrated

Type and Volume of Materials Used to Plug Well/Borehole bentonite chips (1/3 bag of 50 pound bag)

Riser and Screen Removed or Left in Place removed

Drilling Contractor Premier Drilling Services – Atlanta, GA Driller's Name Josh Daniel

Additional Notes - Sketch of Monitoring Well Location
See Figure E-1

Wood Environment & Infrastructure Solutions Field Representative Ever Guillen

Date Well Abandonment Completed 9-17-2018

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:	VRP Compliance Status Report Addendum
Date of Document:	December 20, 2018
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:	Rhonda N. Quinn
Name (printed):	Rhonda N. Quinn
Date:	12/19/2018
Organization:	Wood Environment&Infrastructure
Phone:	770-421-3400
Email:	rhonda.quinn@woodplc.com

Receipt Date
(for EPD use only)