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Sent Via Email

November 12, 2013

Mr. Matt Aufman
REC Program
Inactive Hazardous Sites Branch
Superfund Section
NC Division of Waste Management
1646 Mail Service Center
Raleigh, NC 27699-1646

Reference: Phase I RI Report
Trion, Inc., Sanford, NC
NONCD 0002843
H&H Project No. BAI.002

Dear Mr. Aufman:

Hart & Hickman is pleased to provide this Phase I Remedial Investigation Report for the above-referenced site.

As discussed with REC Program personnel and detailed in the October 9, 2013 quarterly report, acetone was detected in offsite monitoring well DMW-1 above it's 2L Groundwater Standard as the RI was nearly completed. This Phase I RI Report is being submitted with the data collected to date, including the acetone detections. A Phase II RI Workplan will be developed and submitted for investigation of the acetone. The investigation will be conducted and the results submitted in a Phase II RI Report. Once the final RI is completed a Remedial Action Plan will be developed for addressing impacts at the site.

The required certification statements are included as Appendix I of the report. If you have any questions or concerns, please contact me at (919) 847-4241.

Sincerely,

Hart & Hickman, PC

Leonard C. Moretz

Leonard C. Moretz, L.G., RSM
Project Director/Branch Manager

Attachments

cc: Barrier Advisors, Inc.
As Plan Administrator for Trion, Inc. and
Trustee of the FC Term Lenders Liquidating Trust

Kent E. Hansen
Consultant to Barrier Advisors, Inc.

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Phase I
Remedial Investigation Report
Trion, Inc. Facility
101 McNeill Road
Sanford, North Carolina

Fedders Corporation
c/o FC Term Lenders Liquidating Trust
2515 McKinney Ave.
Suite 1100
Dallas, TX 75201

H&H Job No. BAI-002
November 4, 2013

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Phase I
Remedial Investigation Report
Trion, Inc. Facility
101 McNeill Road
Sanford, NC
H&H Job No. BAI-002

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Phase I
Remedial Investigation Report
Trion, Inc. Facility
101 McNeill Road
Sanford, NC
H&H Job No. BAI-002

1.0 Introduction and Background

Hart & Hickman, PC (H&H), on behalf of Fedders Corporation (Fedders) has prepared this Remedial Investigation (RI) Report for submittal to the North Carolina Department of Environment and Natural Resources (DENR) for the Trion, Inc. (Trion) facility and property located at 101 McNeill Road in Sanford, Lee County, North Carolina (Site). Fedders was the parent company of Trion; however, Fedders is in bankruptcy. The Site is currently owned and operated by Trion IAQ, a division of Air System Components, Inc. (ASC), a wholly owned subsidiary of AD Industries, Inc. (formerly Tomkins Industries, Inc.), an Ohio corporation ("ADI"). ADI purchased the assets of Trion, Inc. out of the bankruptcy proceedings of Fedders and its subsidiaries. At the time of the asset purchase, ADI was a wholly owned subsidiary of Tomkins Limited. On November 9, 2012 Air Distribution Technologies, Inc. acquired ADI and ASC from Tomkins Limited and its subsidiaries in a stock purchase.

On August 24, 2010, Fedders entered into an Administrative Agreement (AA) for Registered Environmental Consultant (REC) - Directed Assessment and Remedial Action Pursuant to North Carolina General Statutes (N.C.G.S.) 130A-310.9(c) and 15A North Carolina Administrative Code (NCAC) 13C .0300 (Docket No. 10-SF-337) with DENR for voluntary remedial action at the Site under North Carolina's REC Program. Under this Administrative Agreement and in accordance with the rules and requirements of the REC program, Fedders retained H&H as its REC.

The objectives of the RI were to identify releases of hazardous substances to the environment, identify potential exposure pathways, characterize the nature of such releases, collect sufficient sampling data to support a cleanup-level determination, delineate the areal and vertical extent of

contamination, and characterize Site conditions sufficiently to conduct a feasibility study of remedial alternatives and support a proposed remedy.

This RI Report has been prepared as required by DENR Inactive Hazardous Sites Branch (IHSB) REC Program as presented in the REC Program's Implementation Guidance, dated November 2012 (Edited 12/12/12).

1.1 Site Overview

Operations at the Site include manufacturing, assembly, and warehousing of air purification equipment. Manufacturing activities consist of metal stamping, forming of parts, parts washing, painting, welding, air cleaning, unit assembly and packaging, and warehousing prior to shipping.

The Site is located at 101 McNeill Road in Sanford, Lee County, North Carolina (latitude 35° 30' 52" N, longitude 79° 12' 51" W). The Site consists of approximately 25 acres with a 269,000 square-foot one-story building (Facility) located to the northeast of the intersection of U.S. Route 421 and McNeill Road in Sanford, North Carolina. Mixed industrial and residential properties surround the Site. The Facility consists of office space, a warehouse, and manufacturing space. A paved (asphalt and concrete) driveway, storage area, and loading dock area are present to the rear (east) of the Facility. A grass/landscaped area and a large pond are located on the northern side of the Facility. The pond was reportedly used for irrigation and fishing purposes and was noted to exist prior to development of the Site.

Prior to 1966, the Site was reportedly vacant land. White Consolidated, Inc. (White), formerly Whiting Roberts Company, owned the Site from 1966 until 1984. White manufactured textile equipment at the Site during this period. Air purification equipment has been manufactured at the Site from 1984 to the present. A Site Location Map is included as Figure 1. A detailed Site Map is included as Figure 2. Photographs of the Site are included in Appendix A.

1.2 Previous Environmental Investigations

H&H summarized previous environmental assessments conducted by URS Corporation (URS) and Environmental Quality Management, Inc. (EQM) at the Site in the Remedial Investigation Work Plan dated October 20, 2010. The summary includes both the Phase I Environmental Site Assessment (Phase I ESA) and Phase II Environmental Site Assessment (Phase II ESA) activities conducted at the Site.

In addition, URS prepared a Limited Remedial Investigation (LRI) report dated February 4, 2010 that documented work conducted between September 9 and November 18, 2009. Assessment activities included a geophysical survey to locate the process wastewater discharge line on the Site, a pipeline camera survey to inspect that portion of the discharge line for potential breaks, soil boring advancement and soil sample collection along that portion of the discharge line, and the collection of groundwater samples from the existing Site monitoring wells. A summary of the findings of the LRI is presented below:

- The geophysical survey determined that the process wastewater discharge line trends northeast toward MW-11 and storm sewer drop inlet DI-2;
- The pipeline camera survey indicated the integrity of the process wastewater discharge line appeared intact. The discharge line terminated after entering storm sewer drop inlet DI-2. The storm sewer line between drop inlet DI-2 and drop inlet DI-1 to the north was inspected. Several separated joints in the reinforced concrete pipe (RCP) of the storm sewer line were observed in the vicinity of monitoring well MW-8;
- Seventeen soil borings (DSB-1 through DSB-17) were advanced along the process wastewater drainage and storm sewer lines. Analytical results of soil samples collected from the soil borings indicated elevated concentrations of vinyl chloride (0.0042 mg/kg) above the IHSB Soil Remediation Goal (SRG) of 0.00019 mg/kg in soil sample DSB-6 (4'-5'). Concentrations of cumene (1.9 mg/kg); 1,2,4-trimethylbenzene (30.5 mg/kg); 1,3,5-trimethylbenzene (13.7 mg/kg); n-butylbenzene (3.4 mg/kg); and p-isopropyltoluene (7.4 mg/kg) in soil sample DSB-7 (2'-3') exceeded their IHSB SRGs of 1.3 mg/kg, 6.7 mg/kg, 6.7 mg/kg, 2.4 mg/kg, and 0.68 mg/kg, respectively;

- Storm sewer line assessment activities terminated at the eastern Site property boundary. Investment Recovery Services (IRS) currently owns the adjacent property. Additional separated pipeline joints were observed but not assessed in this area;
- Analytical results of groundwater samples indicated elevated concentrations of TCE above the NC 2L standard of 3 µg/L in the groundwater samples collected from monitoring wells TMW-4 (13.3 µg/L), MW-6 (2.9 µg/L), and MW-8 (61.6). Cis-1, 2-DCE was detected above the NC 2L standard of 70 µg/L in the groundwater sample collected from monitoring well MW-8 (113 µg/L).

URS prepared a draft Technical Memorandum dated June 21, 2010 that documented additional assessment activities conducted at the site on March 25, 2010. URS collected two confirmatory soil samples (DSB-18 and DSB-19) near DSB-7 to confirm that the detected constituents in DSB-7 above their respective 2L Standards (cumene; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; n-butylbenzene; and p-isopropyltoluene) were not representative of Site contaminants of concern (COCs). VOCs were not detected in the soil samples collected from these two soil borings, indicating that the DSB-7 exceedances were likely attributable to surface run-off.

2.0 Environmental Setting

2.1 Site Geology

The Site is located within the Wadesboro-Sanford-Durham sub-basin, which is situated within the Piedmont physiographic province of North Carolina. The Piedmont province is bordered to the east by the Coastal Plain physiographic province and to the west by the Blue Ridge physiographic province. The sub-basin lies between the Carolina Slate Belt to the west and the Raleigh Belt to the east. Structurally, the sub-basin is a half-graben flanked by a major normal fault along the western boundary toward which the strata in the basin dip. Near-surface sedimentary rocks in the sub-basin are part of the Sanford Formation and consist of red to brown basin-margin conglomerates and sandstone, inter-bedded with green to brown basin-center sandstone and mudstone.

The occurrence and movement of groundwater within rift basins such as the Wadesboro-Sanford-Durham sub-basin is within two separate but interconnected water-bearing zones. A shallow, unconfined zone occurs within the unconsolidated surficial soils and/or weathered bedrock (saprolite) and a deeper zone occurs within the underlying competent sedimentary rocks. Groundwater in the shallow unconsolidated materials is typically under water table conditions with generalized groundwater flow being from topographic highs (recharge areas) to topographic lows (discharge areas). The occurrence and movement of groundwater in the underlying, more competent sedimentary rocks is primarily controlled by joints, fractures, and faults. Groundwater within the bedrock may occur under unconfined or confined conditions.

During previous assessment activities conducted at the Site, competent sedimentary rock was encountered at depths ranging from 50 to 60 ft below ground surface (bgs) and reportedly consisted primarily of siltstone and sandstone. The majority of the monitoring wells at the Site are screened in the shallow, unconfined zone composed of unconsolidated surficial soils and/or saprolite. Soils encountered at the Site include sandy clay, silty clay, and silt.

2.2 Site Hydrogeology

As indicated on the United States Geological Survey (USGS) *7.5-Minute Topographic Quadrangle, Colon, North Carolina* (Figure 1), surface elevations at the Site range from a high of approximately 290 ft above mean sea level (amsl) along the western boundary of the Site to a low of approximately 270 ft amsl along the eastern boundary. Based on the slope of the surficial topography, shallow groundwater in the immediate vicinity of the Site is expected to flow toward Buffalo Creek, located approximately 900 ft east-northeast and topographically downgradient from the Site. Buffalo Creek flows in a northwesterly direction in the vicinity of the Site and discharges to the Deep River. Characteristics of the subsurface conditions beneath the Site have been evaluated based on the findings of current and previous assessment activities completed at the Site. Depth to groundwater ranges from approximately 4 ft below land surface (bls) to approximately 20 ft bls. Groundwater elevations at the Site range from a high of approximately 275 ft amsl along the western boundary of the Site to a low of approximately 257 ft amsl along the eastern boundary.

Potentiometric data generated as part of the historical assessment activities indicate that shallow groundwater beneath the Site generally flows easterly toward Buffalo Creek. Groundwater Table Elevation Contour Maps using data collected on May 17, 2012 and June 20, 2013 (Table 1) are included as Figure 3 and Figure 4, respectively. These figures show groundwater generally flowing in an easterly direction. Groundwater elevation data from monitoring wells MW-10 and MW-13 exhibit somewhat inconsistent data from the other Site monitoring wells; i.e. the groundwater elevation is lower than in nearby wells. This may be the result of undetermined geologic features or man-made underground structures near these wells. Regardless, Site groundwater flow direction generally trends from west to east toward Buffalo Creek.

URS conducted single well aquifer tests (slug tests) on monitoring wells TMW-2, TMW-3, and TMW-4 as part of their Phase II ESA in 2008. Hydraulic conductivity ranged from 0.06 to 0.5 feet per day (ft/day) in these wells. Using an average hydraulic conductivity of 0.067 ft/day calculated from the monitoring wells located in the vicinity of the source area (TMW-3 and TMW-4), an effective porosity of 0.1 to 0.2 for silt, and a hydraulic gradient of 0.05 feet per foot

between monitoring wells MW-6 and MW-16, average groundwater velocity is estimated to be between 6 to 12 feet per year.

2.3 Water Resources in the Vicinity

The Facility has reportedly been connected to public water and sewer since it was constructed. No public water supply wells were identified on the subject property. During the 2011 RI activities, H&H identified one water supply well on the adjacent IRS property. A definitive use of the water supply well is unknown; however, an IRS employee indicated that it may have been used for the fire sprinkler system within the IRS building prior to IRS purchasing the property. The North Carolina Surface Water Assessment Program (SWAP) did not identify any public water supply wells within 0.5 miles of the Site. Private water supply wells were observed southwest of the Site during a previous windshield survey along Glenwood Drive. These water supply wells existed in a small neighborhood located approximately 0.5 miles southwest and upgradient of the Site. The location of the water supply well on the IRS property is shown on Figure 2.

A grass/landscaped area and a large pond are located to the north of the Facility. The pond was reportedly used for Site irrigation and fishing, and was noted to exist prior to development of the Site. Overland runoff and shallow groundwater in the immediate vicinity of the Site are expected to flow toward Buffalo Creek, located approximately 900 ft east and topographically down gradient from the Site. Buffalo Creek flows to the north in the vicinity of the Site.

3.0 General Summary of Remedial Investigation Activities

The objectives of the RI were to:

- Investigate the length and discharge end of the terra cotta piping indentified in the previous EQM Phase I ESA;
- Evaluate the location and integrity of the offsite portion of the storm sewer line;
- Collect soil samples along the offsite portion of the storm sewer line to evaluate the potential for this feature to be the source of groundwater impacts;
- Assess the quality of sediments in the outfall located to the northeast of the Site and on the adjacent IRS property, which was a suspected discharge point for the former wastewater drainage line/storm sewer line; and
- Complete horizontal/vertical delineation of VOCs in groundwater.

Initial RI activities were conducted by H&H in February and March 2011. Field activities were performed in accordance with the Site-specific health and safety plan (HASP), the community HASP (prepared as part of the H&H RI Work Plan, dated October 20, 2010), and using Occupational Safety and Health Administration (OSHA) Level D personal protection equipment (PPE). Field activities performed during the initial RI mobilization consisted of the following:

- Completion of a geophysical survey on the Trion and IRS properties;
- Pipeline camera inspection of three sections of a storm sewer line on the IRS property;
- Advancement of 10 soil borings using direct push technology (DPT) methods;
- Collection of 3 soil samples for laboratory analysis from the above soil borings;
- Collection of 2 sediment samples from an intermittent creek on the IRS property;
- Installation of 3 permanent monitoring wells using air rotary methods; and
- Collection of groundwater samples from 12 existing and 3 newly installed monitoring wells.

Based on the groundwater results obtained during our initial mobilization, H&H remobilized to the Site in May 2012 to further delineate the horizontal and vertical extent of contamination. Field activities performed during the 2012 RI mobilization consisted of the following:

- Installation of 2 shallow and 1 deep monitoring wells on the downgradient IRS property;
- Civil survey of all sampling locations on the IRS property, and new monitoring well locations and elevations; and
- Collection of groundwater samples from the 3 newly installed monitoring wells.

Based on the groundwater results obtained during 2012, H&H remobilized to the Site in June 2013 to complete another round of groundwater elevation measurements and to collect groundwater samples from select wells for VOCs and for monitored natural attenuation (MNA) indicator parameters.

Based upon results of groundwater data, specifically the concentrations of TCE exceeding the ISHB Potential Vapor Intrusion Screening Criteria for Industrial Sites, an evaluation of soil vapor was conducted in July 2013. At the same time, well DMW-1 was sampled due to an elevated and anomalous detection of acetone during the June 2013 sampling.

4.0 Piping Assessment

4.1 Location of Terra Cotta Piping

According to a previous Phase I ESA, terra cotta piping was observed on the exterior of the Facility that is potentially connected to floor drains inside the Facility. URS investigated the piping on the Site and concluded no significant releases were attributed to it. As part of this RI, H&H investigated the portion of the pipeline that extends beneath the adjacent IRS property.

H&H observed numerous vertical pipes along the northwest and southeast sides of the Site. The pipes connect the Facility roof drains to terra cotta pipes at the ground surface (Photograph 3 in Appendix A). Geophysical contractor Stewart Engineering, Inc. (Stewart) mobilized to the Site on February 15, 2011 and used ground penetrating radar (GPR) to trace the terra cotta pipes perpendicularly away from the Facility to concrete storm sewer lines. The storm sewer lines are located parallel to the Facility on the northwest and southeast sides. The northeast storm sewer line discharges to the intermittent creek on the northern portion of the adjacent IRS property. The southeast storm sewer line was traced onto the IRS property, where the signal was lost.

The locations of the terra cotta drain pipes and storm sewer lines are shown on Figure 5.

4.2 Location of Offsite Storm Sewer Line

During previous investigation activities, URS identified the location and examined the integrity of the out-of-service process wastewater discharge line connected to the current wastewater pit on the Site. URS identified a concrete storm sewer pipe where the process wastewater line discharges and investigated the on-site portion of the concrete storm sewer line.

H&H performed investigation activities related to the off-site portion of the storm sewer line. Stewart utilized an electromagnetic (EM) instrument and GPR to identify the location of the concrete storm sewer line.

The storm sewer line was located beginning at drop inlet DI-1 on the Site. From this point, the line bears northeast onto the IRS property. The geophysical signal from the line was lost in the area where it passes underneath the office portion of the IRS building.

Stewart identified a second storm sewer line on the IRS property that originates underneath the IRS building in the approximate vicinity of the lost signal of the first storm sewer line. The second line enters drop inlet DI-3 in the loading dock area of the IRS building and continues to a discharge pipe at the intermittent creek on the northern portion of the IRS property.

The locations of the storm sewer lines and drop inlets are shown on Figure 5.

4.3 Offsite Storm Sewer Line Camera Inspection

H&H retained the services of ABE Utilities, Inc. (ABE) to evaluate the off-site storm sewer line's integrity (i.e., cracks, breaks, etc.). ABE mobilized to the Site on February 18, 2011 with a high-definition fiber optic camera mounted on a motorized crawler (Photograph 4 in Appendix A). The crawler and camera had the capability to rotate for a complete view of the interior of the pipe. The waterproof camera transmitted images to a computer for real-time analysis of the pipe. In addition, a detailed log and a DVD recording were produced.

The storm sewer line inspection began at drop inlet DI-1 and proceeded toward the IRS building. Several cracks and open joints were documented. The survey of this section of pipe was terminated after approximately 77 ft, at which point the crawler entered a concrete vault. Within the vault, a second concrete inlet pipe was observed entering the vault from the southeast. A concrete outfall pipe was observed on the northeast side of the vault. Due to the elevation change within the vault, the crawler could not proceed through to the outfall pipe. The vault appeared to be sealed, and H&H did not observe any inlets originating from within the IRS building. Following the inspection of this section of pipe, H&H identified the surface location of the second inlet pipe observed in the vault. The second inlet pipe is connected to roof drains and drop inlets located parallel to the southwest side of the IRS building.

ABE continued the sewer line inspection from drop inlet DI-3. Water infiltration into the sewer line was noted at most of the joints along the length of the pipe. The line heading southeast toward the IRS building was inspected for approximately 80 ft, at which point the crawler entered a second concrete vault. A concrete inlet pipe was observed entering the vault from the southwest. While the crawler could not enter the vault, the camera was able to capture images of the inlet pipe. The first vault was visible approximately 30 ft down the inlet pipe. The vault appeared to be sealed, and H&H did not observe any inlets originating from within the IRS building.

The storm sewer line from drop inlet DI-3 toward the intermittent creek on the northern portion of the IRS building was inspected for a length of approximately 210 ft. At this point, the camera became submerged in standing water and was unable to continue. Water infiltration into the sewer line was noted at most of the joints along the length of the pipe.

Pipeline camera inspection logs are included in Appendix B.

5.0 Soil and Sediment Assessment

The minimum soil sampling requirements for an RI, per applicable IHSB guidelines, were achieved as part of the previous Phase II ESA investigation activities conducted by URS. During previous investigations, soil had been sampled and analyzed for VOCs, SVOCs, and metals by EPA Methods 8260B, 8270 and 6010C, respectively. Assessment activities completed at the Site have not included soil analysis of pesticides, polychlorinated biphenyls (PCBs), dioxins, cyanide, and/or formaldehyde as these compounds/constituents have never been utilized as part of the Facility operations and subsequently have never been known to be present on the Site. In accordance with applicable REC sampling requirements, since historical operations and chemicals storage information indicate that these constituents were not used at the Site, their evaluation is not necessary.

Prior to mobilization to the Site, H&H performed pre-work notifications and acquired off-site access agreements. In addition, H&H coordinated with North Carolina One Call to mark public underground utilities in the vicinity of the work area. H&H retained the services of a geophysical contractor, Stewart, to identify and mark all private underground utilities in the vicinity of the work area. Private utility location was performed concurrently with the offsite storm water line identification activities.

5.1 Soil Sampling Methods

Following off-site storm sewer line location and inspection activities, H&H chose soil boring locations in the vicinity of the line where leaks would be most likely as determined during the pipeline camera inspection. H&H oversaw soil boring installation activities by North Carolina-licensed DPT driller SAEDACCO on February 21, 2011. Soil boring locations DSB-20 through DSB-29 are shown on Figure 5. Soil borings DSB-20 through DSB-29 were advanced at locations based on the following considerations:

- DSB-20 was advanced between drop inlet DI-1 and the IRS building at the approximate location of a crack observed during the pipeline inspection;

- DSB-21 was advanced between drop inlet DI-1 and the IRS building at the approximate location of an open joint observed during the pipeline inspection;
- DSB-22 was advanced between the IRS building and drop inlet DI-3 at the approximate location of a pipe joint where infiltration was observed during the pipeline inspection; and
- DSB-23 through DSB-29 were advanced at approximately 30 ft intervals on alternating sides of the storm sewer line between drop inlet DI-3 and the intermittent stream. The borings were advanced in the vicinity of pipe joint locations.

Soil borings were advanced to groundwater, which ranged between 4 and 14 ft bgs, or DPT refusal, which ranged between 4.5 and 13 ft bgs. Soil cores were recovered for visual characterization and field screening with a photo-ionization vapor detector (PID). Soil boring logs are included in Appendix C.

Based on field observations and PID concentrations, soil samples from soil borings SB-20 (1-2 ft bgs), SB-21 (2-3 ft bgs), and SB-22 (5-6 ft bgs) were retained for laboratory analysis. Soil samples from soil borings SB-23 through SB-29 were not submitted for laboratory analysis due to a lack of impacts identified during field screening. PID readings are presented on the boring logs (Appendix C). Soil samples from borings SB-20 through SB-22 were submitted to North Carolina-certified Prism Laboratories, Inc. (Prism) for analysis of VOCs by EPA Method 8260B.

5.2 Soil Assessment Results

The results of soil sample analyses are summarized on Table 2 and displayed on Figure 6. The laboratory analytical data reports and chain-of-custody (COC) records are provided in Appendix D. The soil analytical data were compared to DENR IHSB SRGs, in accordance with the REC Program guidelines.

- Acetone was detected in soil samples collected from borings DSB-20 (0.027 mg/kg) and DSB-21 (0.046 mg/kg) at concentrations below the lowest DENR IHSB SRG of 24 mg/kg;

- Ethylbenzene was detected in the soil sample collected from boring DSB-21 (0.0060 mg/kg) at a concentration below the lowest DENR IHSB SRG of 5.4 mg/kg; and
- No other VOCs were detected above laboratory reporting limits in the soil samples.

5.3 Sediment Assessment Activities

A sediment sample (SED-1) was collected on February 22, 2011 at the storm sewer outfall to the intermittent stream on the northern portion of the IRS property. An upgradient sediment sample (SED-2) was also collected. The sediment samples were screened for volatile organic vapor using a PID. Impacts were not identified in the sediment samples during field screening, and therefore the samples were not submitted for laboratory analysis. The sediment sample locations are shown on Figure 5.

6.0 Groundwater Assessment

Groundwater at the Site had been previously analyzed for VOCs and SVOCs. In addition, groundwater at the Site was evaluated for metals during the RI, fulfilling minimum IHSB groundwater sampling requirements. As discussed for the soil assessment activities (Section 5.0), groundwater analysis of pesticides, PCBs, dioxins, cyanide, and/or formaldehyde was deemed not necessary based on historical activities at the Site.

6.1 Monitoring Well Installation

Prior to both mobilizations to the Site, H&H obtained off-site monitoring well permits from DENR. Copies of the monitoring well permits are included in Appendix E.

On February 21-22, 2011, H&H oversaw monitoring well installation activities by SAEDACCO. Monitoring wells MW-13 through MW-15 were installed at the locations shown on Figure 2. During discussions between H&H and Fedders, it was decided that proposed monitoring wells MW-16 and MW-17 (located on the east-northeastern side of the IRS property) would not be installed unless deemed necessary based on analytical results of groundwater samples from monitoring wells MW-13 through MW-15.

Based on the chlorinated volatile organic compounds (CVOCs) detected by the laboratory in the groundwater sample collected from monitoring well MW-13, H&H determined that monitoring wells MW-16 and MW-17 were needed to further delineate the downgradient extent of the CVOC plume. In addition, H&H determined the need for a deep monitoring well to be installed in the vicinity of MW-13 to verify the vertical delineation of CVOCs.

On May 1-3, 2012, H&H oversaw monitoring well installation activities by Carolina Soil Investigations, Inc (CSI). Monitoring wells MW-16, MW-17, and DMW-1 were installed at the locations shown on Figure 2.

Type II monitoring wells MW-13 through MW-16 were installed to depths of 50-55 ft bgs, monitoring well MW-17 was installed to a depth of 75 ft bgs, and deep monitoring well DMW-1 was installed as a Type III well with a 6-inch outer PVC casing installed into the top of rock prior to advancing the well to its total depth of 100 ft bgs. All monitoring well boreholes were drilled using air rotary techniques. Based on the tight subsurface lithology, split spoon soil samples were not collected during well drilling. Instead, H&H used drill cuttings, previous drilling logs, general knowledge of the subsurface conditions in the area, and professional judgment to determine total well depth and well-screen intervals. Soil boring logs, including lithology and well-construction diagrams, for these monitoring wells are included in Appendix C.

Monitoring wells MW-13 through MW-17 and DMW-1 were constructed using 2-inch diameter flush threaded polyvinyl chloride (PVC) riser pipe and 0.010-inch slot PVC well screen. Each screen section was 15 ft in length with the exception of monitoring well DMW-1 which was 20 ft in length. A sand pack was installed within the annular space between the well and the borehole from the base of the screen to approximately 2-3 ft above the screened interval. A 3-foot thick bentonite seal was placed above the sand pack and the remaining annular space was tremmie grouted to the ground surface using grout. The monitoring wells were completed at the surface with a flush-mount well vault with expansion cap and lock. Driller well construction records are included in Appendix F.

6.2 Well Development

Monitoring wells MW-13 through MW-15 were developed on February 28, 2011 using a combination of surging/pumping development techniques. Monitoring wells MW-16 and MW-17 were developed on May 3, 2012 using a combination of surging/pumping development techniques. The monitoring wells were developed with a Waterra® actuator, dedicated tubing, foot valves and surge blocks. Groundwater was purged until the following parameters stabilized: temperature, dissolved oxygen (DO), specific conductivity, oxidation reduction potential (ORP), and pH. Due to the nature of the surging/pumping development technique and the subsurface lithology (fine silt particles), a low turbidity level was unattainable.

6.3 Groundwater Sampling Methods

Prior to each groundwater sampling event, a comprehensive round of groundwater elevations was collected using an electronic water level meter. Groundwater elevations for the Site and off-site monitoring wells were collected in March and May of 2011, May of 2012 and June of 2013. These data are shown on Table 1. The groundwater elevation data for the May 2012 and June 2013 events were used to construct groundwater contour maps which are shown on Figure 3 and Figure 4, respectively.

Groundwater samples were collected from all existing monitoring wells (TMW-1 through TMW-4; MW-6 through MW-12; and newly-installed MW-13 through MW-15 on March 1-2, 2011. Monitoring well TMW-5 was inaccessible during the March 2011 sampling event.

The monitoring wells were sampled via the low flow/low stress sampling method using a peristaltic pump and dedicated tubing (Photograph 5 in Appendix A). Groundwater was pumped at a flow rate that minimized water-level drawdown (approximately 50 mL/min) while stabilization parameters were monitored. Stabilization was considered to be achieved when three consecutive readings, taken at three to five minute intervals, were within the following limits:

- Turbidity (± 10%, less than 10 NTUs)
- DO (± 0.3 mg/L)
- Specific conductance (± 3%)
- pH (± 0.1 unit)
- ORP (± 10 mV)
- Temperature (± 3%)

Measurements, except turbidity, were obtained using a flow-through cell. Because of the fine silty nature of the sediments, low turbidity (<10 NTUs) was not achieved in many of the samples. Groundwater sampling logs are included in Appendix G.

Once stabilization was achieved, groundwater samples were collected directly into laboratory-supplied containers and submitted to Prism for analysis of total metals by EPA Method 6010C. After collecting groundwater samples for total metals, samples were collected for VOC analysis. The peristaltic pump was stopped and with the pump head left in the locked position, the tubing was removed from the well. The pump direction was reversed so a groundwater sample, unaffected by the squeezing action of the pump head, could be collected directly into laboratory-provided, preserved vials. The vials were submitted to Prism for analysis of VOCs by EPA Method 8260B.

H&H returned to the site on May 12, 2011 to collect a groundwater sample from monitoring well MW-13. This was necessary to confirm the detection of TCE (30 ug/l), above its 2L groundwater standard of 3 µg/L, during the March 2011 sampling event. A groundwater sample was also collected from monitoring well TMW-5 on May 12, 2011 because this well had been inaccessible during the previous monitoring event. Prior to the collection of groundwater samples, a comprehensive round of groundwater elevations was collected on May 12, 2011 using an electronic water-level meter. Groundwater elevations for the site monitoring wells collected in May 2011 are shown on Table 1. The groundwater samples were collected following the same procedures utilized during the March 2011 sampling event. The sample from monitoring well TMW-5 was submitted for analysis of total metals by EPA Method 6010C and VOCs by EPA Method 8260B. The sample from monitoring well MW-13 was submitted for analysis of VOCs by EPA Method 8260B.

Subsequent to the installation of monitoring wells MW-16, MW-17, and DMW-1, H&H collected groundwater samples from these monitoring wells in May 2012 using the procedures detailed above. These samples were submitted to the laboratory for testing for VOCs by EPA Method 8260B, and for total chromium and manganese by EPA Method 6010C.

To verify VOC results of previous sampling events and to collect MNA indicator parameters, selected wells were sampled in June 2013. Specifically wells MW-8, MW-14, MW-13, MW-17 and DMW-1 were sampled for VOCs. Wells TMW-1, MW-8, MW-13 and ME-17 were sampled for MNA indicator parameters.

Due to an anomalous elevated concentration of acetone in well DMW-1, it was re-sampled for VOCs in early August, late August, and early September 2013.

6.4 Groundwater Assessment Results

Results of the 2011, 2012 and 2013 groundwater sample analyses are summarized in Table 3 and shown on Figure 8. MNA parameters are shown on Table 4. The laboratory analytical data reports and chain-of-custody records are provided in Appendix D. The groundwater analytical data were compared to the DENR 15A NCAC 2L Groundwater Standards (2L Standards), in accordance with the REC Program guidelines. The results of the laboratory data is summarized below:

- Trichloroethene (TCE) was detected during the 2011/2012 sampling events at concentrations that exceed the 2L Standard of 3 µg/L in monitoring wells TMW-4 (10 µg/L), MW-8 (61 µg/L), MW-13 (30 and 34 µg/L), and MW-17 (4.9 µg/L). During re-sampling in June 2013 TCE was detected as follows: MW-8 (72 µg/L), MW-13 (36 µg/L), and MW-17 (2.7 µg/L).
- Cis-1,2-dichloroethene (cis-1,2-DCE) was detected at a concentration that exceeds the 2L Standard of 70 µg/L in monitoring well MW-8 (160 µg/L) during both the 2011 and 2013 sampling events;
- Vinyl chloride was detected slightly above its 2L Standard of 0.03 µg/L in DMW-1 (0.70 µg/L) during the June 2013 sampling and was detected at 0.052 µg/L during the August 2013 sampling;
- Acetone was detected in deep monitoring well DMW-1 at 7.5 µg/L after initial installation in May 2012. However, it was detected at 6,500 µg/L during the June 2013 sampling event. The 2L standard for acetone is 6,000 µg/L. Because acetone was not considered a site constituent of concern (had not been detected previously in any well above 50 µg/L) the well was re-sampled on August 2, 2013 to evaluate the anomalously high detection and was detected again, this time at 11,000µg/L. Because acetone had not been considered a COC and because of the implications of initiating another investigation to determine the source and the extent of impacts, the well was sampled a third time on

August 22, 2013. This sample was submitted to a different laboratory – ESC Lab Sciences. The results showed acetone detected at 1,900 µg/L; well below the 2L standard of 6,000 µg/L. On September 11, 2013, the well was sampled again, with the sample being submitted to a third independent laboratory. The results showed acetone detected in DMW-1 at 7,780 µg/L; again, above the 2L Standard.

- Chromium was detected at concentrations that exceed the 2L Standard of 10 µg/L in monitoring wells MW-14 (30 µg/L), MW-15 (46 µg/L), and DMW-1 (50 µg/L); and
- Manganese was detected at concentrations that exceed the 2L Standard of 50 µg/L in numerous monitoring wells across the site.

In 2012, TCE was detected in the groundwater sample collected from monitoring well MW-17 at a concentration of 4.9 µg/L, which slightly exceeds the 2L Standard of 3 µg/L. However, in June 2013 it was detected at 2.7 µg/L, below its 2L Standard. Downgradient and east of MW-17 is a railroad right-of-way and agricultural fields. Due to the low concentration of TCE detected in MW-17, the lack of downgradient receptors, and the slow velocity of groundwater at the Site (Section 2.2), H&H determined the CVOC plume has been adequately defined. Maps showing the approximate extent of the CVOC plume with 2011/2012 data and 2013 data are included as Figures 9 and 10, respectively. However, the extent of the recently discovered acetone in deep monitoring well DMW-1 has not been defined and will require further investigation.

A primary anaerobic biodegradation product of TCE, cis-1,2-DCE, was detected in monitoring well MW-8 above its 2L Standard and it was detected well below its 2L Standard in other Site and offsite monitoring wells TMW-4, MW-11, MW-13, and MW-17. This suggests the site conditions are conducive to natural degradation of CVOCs via reductive dechlorination. Additionally, the presence of vinyl chloride in well DMW-1, slightly above its 2L Standard, is further evidence the CVOC plume is undergoing natural attenuation and degradation of compounds.

The MNA Indicator Parameters (Table 4) collected in June 2013, in conjunction with the existing VOC laboratory data, will be used to evaluate natural attenuation as a remedial alternative for the Remedial Action Plan (RAP) in general accordance with *Guidance on*

Developing a Monitored Natural Attenuation Remedial Proposal for Chlorinated Organics in Ground Water by the North Carolina Division of Waste Management, Hazardous Waste Section, dated October 4, 2000.

Chromium and manganese were detected above their respective 2L groundwater standards, but they are naturally occurring elements. It is also likely the presence of these metals may be partially attributed to turbid groundwater samples due to the presence of fine particles of silt and clay. In addition, maps created from the National Uranium Resource Evaluation (NURE) stream-sediment data by Jeffrey Reid in *A Geochemical Atlas of North Carolina* (1991), show that natural, dissolved-phase contributions of manganese could range from 50 to 100 µg/L in site area groundwater.

Manganese was also detected at a similar concentration to other Site wells in upgradient monitoring well TMW-1. This background sample further suggests that metals are naturally occurring in Site groundwater and are not indicative of releases from the Site.

7.0 Evaluation of Vapor Intrusion Potential

TCE was detected in monitoring wells MW-8 and TMW-4, on the Site and in wells MW-13 and MW-17 on the adjacent IRS property, at concentrations above the IHSB Industrial/Commercial Vapor Intrusion Screening Criteria of 4.4 µg/L. These wells are located within 100 ft of occupied or potentially occupied buildings; therefore, in accordance with the June 2011 "IHSB Supplemental Guidelines for the Evaluation of Structural Vapor Intrusion Potential for Site Assessments and Remedial Actions" collection of soil vapor samples was necessary.

On August 2, 2013 H&H personnel mobilized to collect soil vapor samples in accordance with the June 2011 IHSB Guidelines. A soil vapor sample was collected near well MW-13; however, the water level in well MW-8 was less than 5 ft bls. The Guidance requires that groundwater be greater than 5 ft bls; therefore, a soil vapor sample could not be collected at this location due to the shallow water table. When a shallow water table is present, the next step is to collect a sub-slab vapor sample. This could not be accomplished during the August 2nd mobilization because sub-slab utilities had not been cleared and equipment applicable for sub-slab sampling was not available. It is anticipated a sub-slab sample will be collected in the near future and the data will be included in the Phase II RI Report.

The soil vapor sample SV-1 was collected in a Summa canister following the accepted protocols outlined in the June 2011 IHSB Guidelines. The sample was submitted to Con-Test Analytical Laboratories for analysis of TCE, cis-1,2-DCE, trans-1-2-DCE, 1,1-DCE and vinyl chloride by Method TO-15. Laboratory data are included in Appendix D. Analytical results show that only vinyl chloride, at 31 µg/m^3, was present above laboratory reporting limits. The IHSB Industrial/Commercial Vapor Intrusion Screening Criteria, Preliminary Acceptable Soil Gas Concentration for vinyl chloride is 280 µg/m^3.

Based upon the soil vapor sampling results from SV-1, collected adjacent to well MW-13 on the adjacent IRS property, risk to workers at the nearby IRS building from vapor intrusion is not a concern.

8.0 Investigative Derived Waste

Investigative Derived Waste (IDW) generated during the RI activities, including soil cuttings, purge water, and decontamination water was containerized in appropriately labeled, 55-gallon, DOT-approved, steel drums. IDW was separated based on aqueous and solid media.

Following waste classification based on laboratory data, the 55-gallon drums were transported offsite by a North Carolina-licensed treatment/disposal contractor to an approved permitted facility. Copies of the Non-Hazardous Materials Manifests are included in Appendix H.

9.0 QA/QC Program

Field quality control requirements and procedures are discussed below.

Trip blanks consist of ultra-pure water supplied by the laboratory contained in VOC sample containers and preserved similar to VOC samples. These samples serve as a QC check on potential external contamination and/or cross-contamination between VOC groundwater samples during shipping and storage. Trip blanks accompanied sampling teams during sample collection and the samples during shipment for each cooler of VOC water samples sent to the laboratory. One trip blank accompanied the groundwater VOC samples per day of sampling.

Rinsate blanks are samples of ultra-pure water supplied by the laboratory which have been in contact with decontaminated sampling and/or drilling equipment. These samples typically serve as a QC check on the decontamination procedure. Given that new, clean disposable tubing was used for groundwater sample collection, rinsate blanks were not warranted for groundwater sampling equipment. With regard to soil sampling equipment, there was a low potential that trace levels of compounds could be transferred between samples if the proper decontamination procedures were followed. Therefore, rinsate samples for soil were not collected. Decontamination quality assurance was conducted through careful monitoring of the decontamination procedures.

Field duplicate samples are collected to allow determination of analytical repeatability. Duplicate groundwater samples were collected at a rate of approximately one sample per every 20 groundwater samples. The field duplicates were analyzed for VOCs by EPA Method 8260B.

10.0 Summary, Conclusions and Recommendations

In accordance with the objectives of the RI, H&H offers the following summary:

- The storm sewer line was located on the IRS property using a combination of EM and GPR techniques. A fiber-optic camera mounted on a motorized crawler was used to examine the integrity of this storm sewer line. Several cracks and open joints were documented.
- Soil samples were collected along the storm sewer line located on the IRS property to evaluate the potential for this feature to be the source of groundwater impacts. No constituents were detected in soil samples above SRGs;
- Sediment samples were collected at the storm sewer line outfall and upgradient of this location. These samples were screened for volatile organic vapor using a PID. Impacts were not identified in the sediment samples during field screening, and therefore the samples were not submitted for laboratory analysis.
- Groundwater samples were collected from previously existing Site monitoring wells and from off-site monitoring wells installed as part of this RI. The main COC, TCE, was detected at concentrations above the 2L Standards in Site monitoring wells TMW-4, MW-8, and offsite wells MW-13, and MW-17. Cis-1,2-DCE, a breakdown product of TCE, was detected in well MW-8 above its 2L Standard. Additionally, vinyl chloride, a breakdown product of TCE, was detected slightly above its 2L standard of 0.03 µg/L in offsite deep well DMW-1. Dissolved-phase CVOCs, including cis-1,2-DCE, trans-1,2-DCE, tetrachloroethene, and TCE, were detected at concentrations above the laboratory reporting limits, but below 2L Standards in monitoring wells TMW-4, TMW-5, MW-6, MW-8, MW-11, MW-13, and MW-17.
- Acetone was detected above its 2L Standard of 6,000 µg/L in offsite deep monitoring well DMW-1 during sampling events conducted in June and early August 2013. These detections were a surprise because no other monitoring wells, either on Site or off site, had acetone detected at concentrations within an order of magnitude of the 2L Standard. A third sampling event in late August 2013, with the sample submitted to a different laboratory, showed acetone at 1,900 µg/L – well below the 2L Standard. A fourth

sampling event was conducted in September 2013, with the sample submitted to a third laboratory. This event showed acetone at 7,780 µg/L, which is again above the 2L Standard.

- Chromium was detected at concentrations that slightly exceed the 2L Standards in the groundwater samples collected from monitoring wells MW-14, MW-15, and DMW-1. Manganese was detected at concentrations that exceed the 2L Standards in the groundwater samples collected from all of the monitoring wells except MW-8; including the background well TMW-1. Turbidity of the groundwater samples likely contributed to these elevated concentrations. However, background concentrations of these metals are highly variable and their presence is not interpreted to be the result of Site-related activities.
- TCE was detected in Site monitoring wells MW-8 and TMW-4 and off-site monitoring well MW-13 at concentrations exceeding the IHSB Industrial/Commercial Vapor Intrusion Screening Criteria of 4.4 µg/L. These wells are located within 100 ft of occupied or potentially occupied buildings; therefore, in accordance with the June 2011 "IHSB Supplemental Guidelines for the Evaluation of Structural Vapor Intrusion Potential for Site Assessments and Remedial Actions" collection of soil vapor samples was necessary. Based upon the soil vapor sampling results from SV-1, collected adjacent to well MW-13 on the adjacent IRS property, risk to workers at the nearby IRS building from vapor intrusion is not a concern. Due to high seasonal water table, a soil vapor sample was not collected near wells MW-8 and TMW-1. It is anticipated that either a soil vapor or a sub-slab sample will be collected as part of the Phase II RI field activites.The groundwater CVOC contaminant plume resulting from releases from the Site, which is part of the Administrative Agreement, has been adequately defined. However, the recent detections of acetone in well DMW-1 have delayed full delineation of the groundwater plume.

Based upon the results of the present and historical investigative activities, H&H offers the following conclusions and recommendations:

- No additional assessment or remedial work is necessary associated with the storm sewer line.
- Chromium and manganese are naturally occurring and are present in Site groundwater at concentrations similar to background; therefore, no additional assessment for metals is recommended.
- The extent of the CVOC groundwater plume has been adequately defined.
- Based upon a soil vapor sample collected near well MW-13 on the adjacent off-site property, it does not appear that vapor intrusion of Site-related contaminants is a user risk. However, a soil vapor sample could not be collected on the Site near well MW-8 due to the high water table. Future work will include either the collection of a soil vapor sample once the high water table subsides, or collection of a sub-slab vapor sample beneath the Facility, near well MW-8.
- The RI had been considered complete until the recent (June/August/September 2013) detections of acetone in off-site deep monitoring well DMW-1. As agreed upon with REC Program personnel, a Phase II RI will be conducted to assess the acetone release. Therefore, a Phase II RI Workplan will be prepared and implemented that addresses the acetone release, and also includes vapor intrusion evaluation associated with the TCE above screening criteria in well MW-8. A Phase II RI Report will be submitted once the acetone assessment and vapor evaluation is complete..
- Following completion of the Phase II RI, a RAP will be prepared in accordance with applicable REC guidelines. The RAP will summarize the RI Reports, determine remedial objectives, evaluate the feasibility of proposed remedies, and select the appropriate remedy based on a thorough evaluation of Site data and applicable remedial technologies.

11.0 Certification Statements

The required document certification statements for both the Remediating Party and the Registered Site Manager are included in Appendix I. A Phase I Remedial Investigation Completion Certification Statement is included. Once the acetone investigation is complete, the Final RI Completion Certification Statement will be submitted along with the Final RI Report.

12.0 References

Environmental Quality Management, Inc., 2008. Phase I Environmental Site Assessment of Trion, Inc., Sanford, Lee County, North Carolina. November 14, 2008.

NCDENR, 2011. *Supplemental Guidelines for the Evaluation of Structural Vapor Intrusion Potential for Site Assessments and Remedial Actions Under the Inactive Hazardous Sites Branch* June 21, 2011.

NCDENR, 2012. IHSB Industrial/Commercial Vapor Intrusion Screening Table, July 2012

NCDENR IHSB, 2012. Registered Environmental Consultant Program Implementation Guidance. November 2012 (revised 12/12/12).

NCDENR Division of Water Quality Groundwater Classification and Standards, NC Administrative Code 15A NCAC 02L.0100,.0200 & .0300. Amended Effective April 1, 2013.

URS Corporation - North Carolina, 2008. Phase I Environmental Site Assessment, Trion, Inc. Facility, Sanford, North Carolina. January 28, 2008.

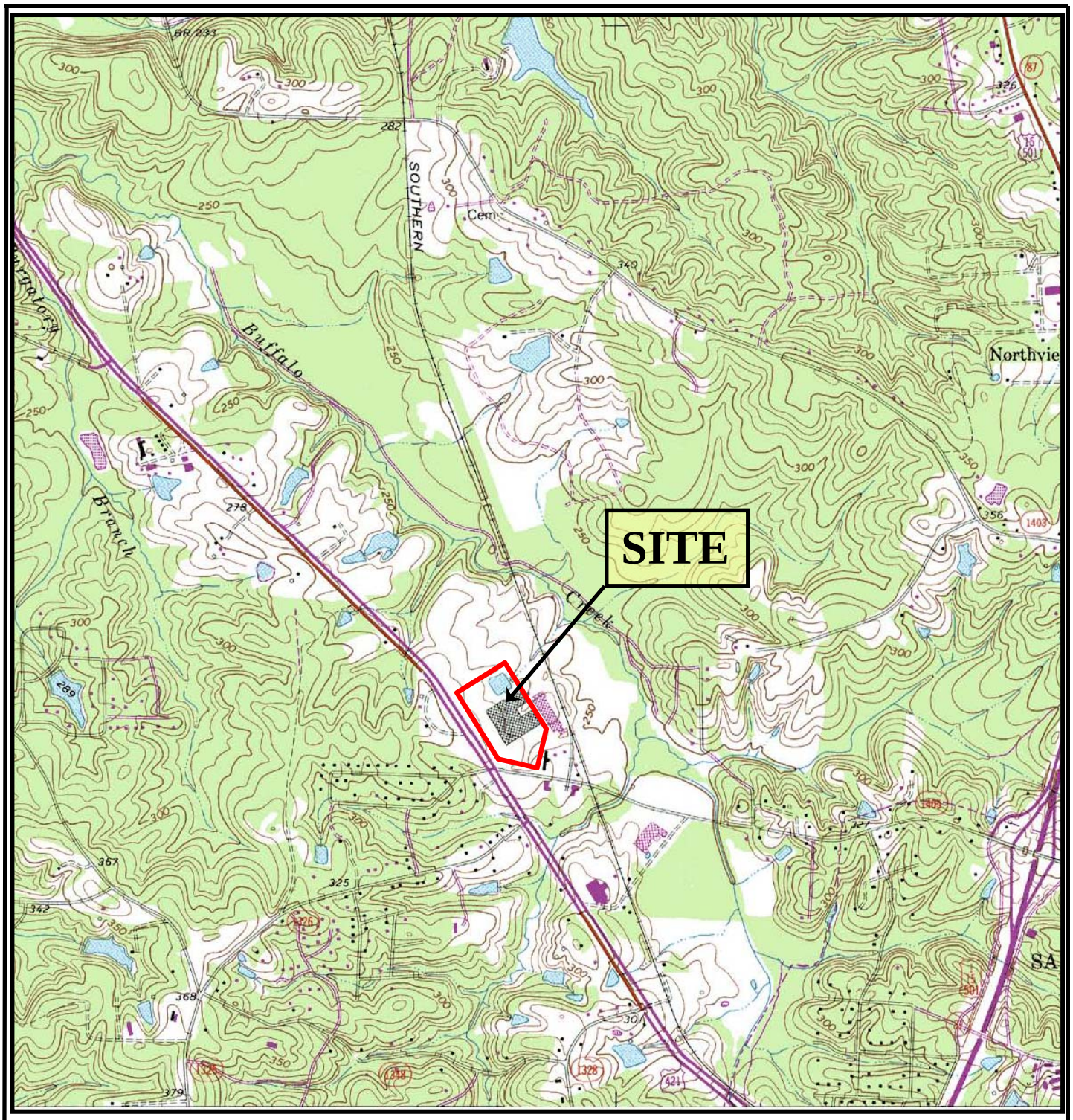
URS Corporation - North Carolina, 2008. Phase II Environmental Site Assessment, Trion, Inc. Facility, Sanford, North Carolina. July 25, 2008.

URS Corporation-North Carolina, 2010. Limited Remedial Investigation, 101 McNeill Road, Sanford, North Carolina. February 4, 2010.

URS Corporation-North Carolina, 2010. Technical Memorandum - Trion Facility - Confirmatory Sampling (Draft). June 21, 2010.

URS Corporation-North Carolina, 2010. Remedial Investigation Work Plan, Trion, Inc. Facility, Sanford, North Carolina. July 29, 2010.

FIGURES



N

0 2000 4000

APPOXIMATE SCALE IN FEET

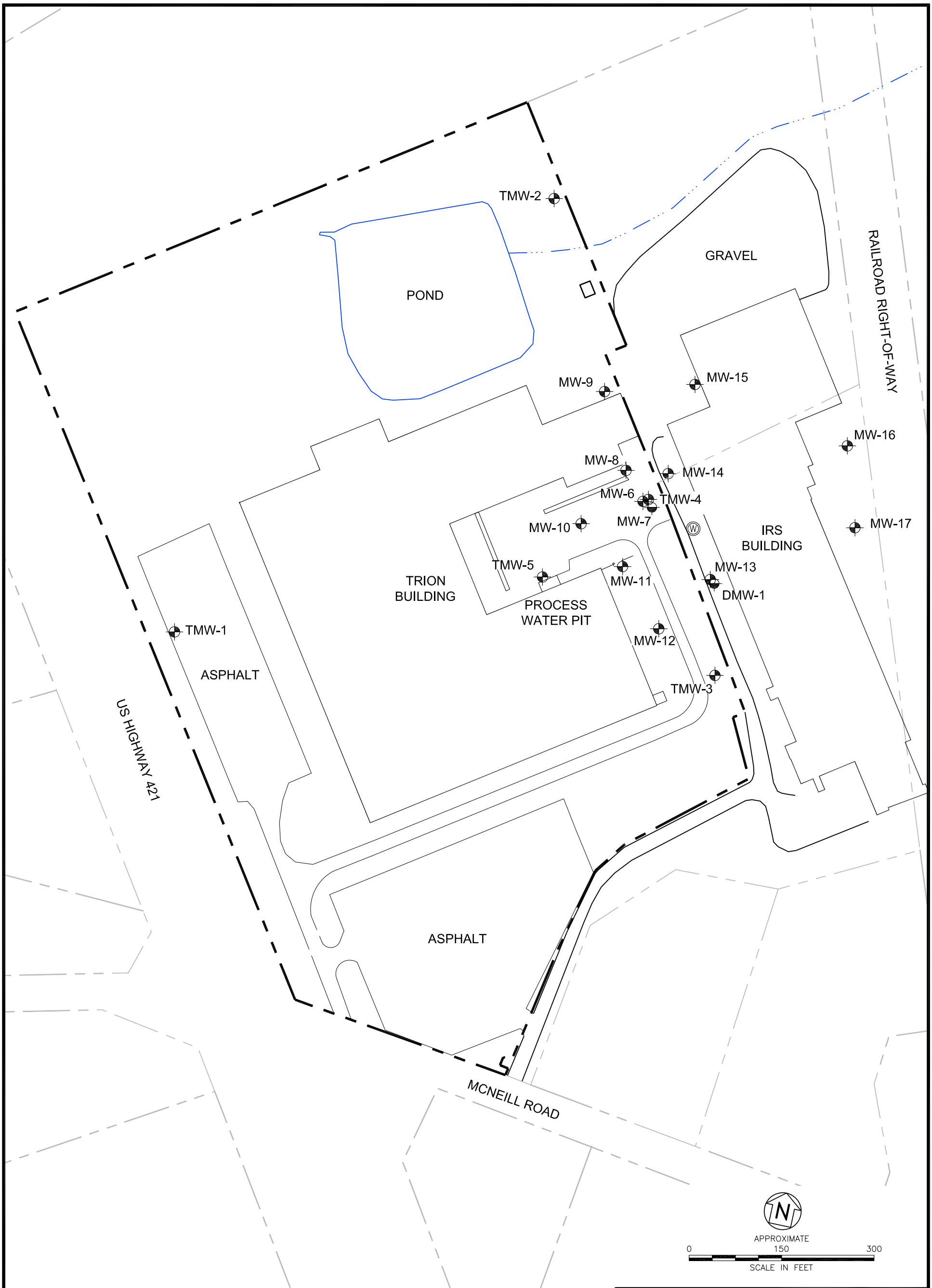
U.S.G.S. QUADRANGLE MAP

COLON, NC 1970, REVISED 1981

QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)

TITLE	**SITE LOCATION MAP**
PROJECT	**TRION, INC. FACILITY** 101 MCNEILL ROAD SANFORD, NORTH CAROLINA
hart hickman SMARTER ENVIRONMENTAL SOLUTIONS	3334 HILLSBOROUGHSTREET RALEIGH, NORTH CAROLINA (919) 847-4241

DATE:	8-17-2012	REVISION NO:	0
JOB NO:	BAI-002	FIGURE NO:	1



NOTES:

SITE FEATURES SURVEYED BY ESP ASSOCIATES, PA ON 3/30/2009 AND 7/17/2012.

LEGEND

- TYPE II MONITORING WELL
- WATER SUPPLY WELL
- TYPE III MONITORING WELL
- SITE PROPERTY
- PROPERTY PARCEL
- INTERMITTENT STREAM

TITLE

SITE MAP

PROJECT

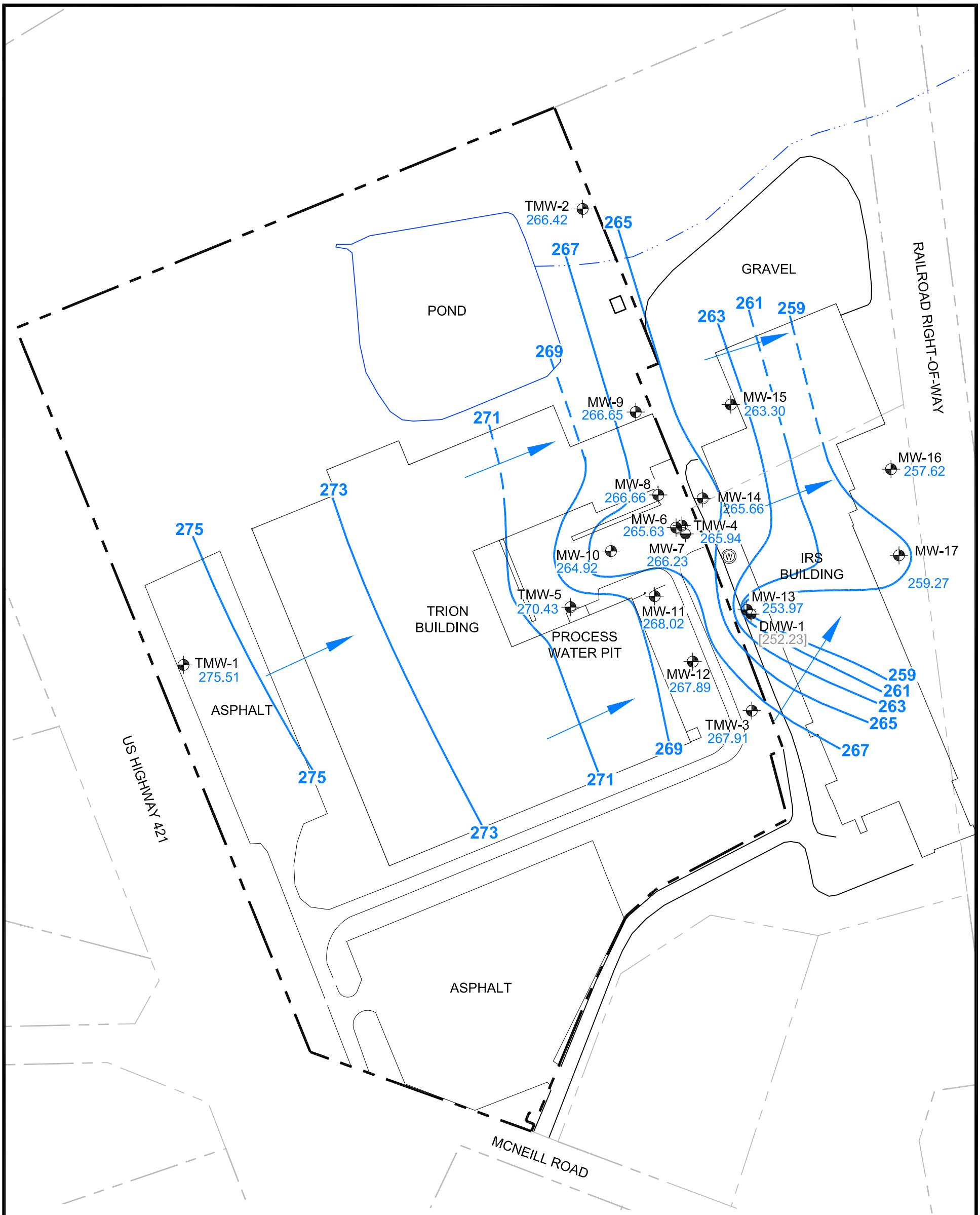
TRION, INC. FACILITY
101 MCNEILL ROAD
SANFORD, NORTH CAROLINA

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)
License # C-1269 / #C-245 Geology

DATE: 11–04–13	REVISION NO. 0
JOB NO. BAI–002	FIGURE NO. 2

S:\AAA-Master Projects\Barrier Advisors Inc - Trion Site (BAI-001)\Figures\BAI-002_Figures 2013.dwg, FIG 2, 11/6/2013 9:45:32 AM, nfoster



LEGEND

- TYPE II MONITORING WELL
- TYPE III MONITORING WELL
- WATER SUPPLY WELL
- 275.51 GROUNDWATER ELEVATION
- [252.23] GROUNDWATER ELEVATION NOT USED IN GENERATING CONTOURS
- GENERALIZED GROUNDWATER FLOW DIRECTION
- 275 GROUNDWATER ELEVATION CONTOUR
- SITE PROPERTY
- PROPERTY PARCEL
- INTERMITTENT STREAM

N

APPROXIMATE
0 150 300
SCALE IN FEET

NOTE:

MONITORING WELLS GAUGED ON 05/17/2012.

TITLE
GROUNDWATER TABLE ELEVATION CONTOUR MAP - 5/17/2012

PROJECT
TRION, INC. FACILITY
101 MCNEILL ROAD
SANFORD, NORTH CAROLINA

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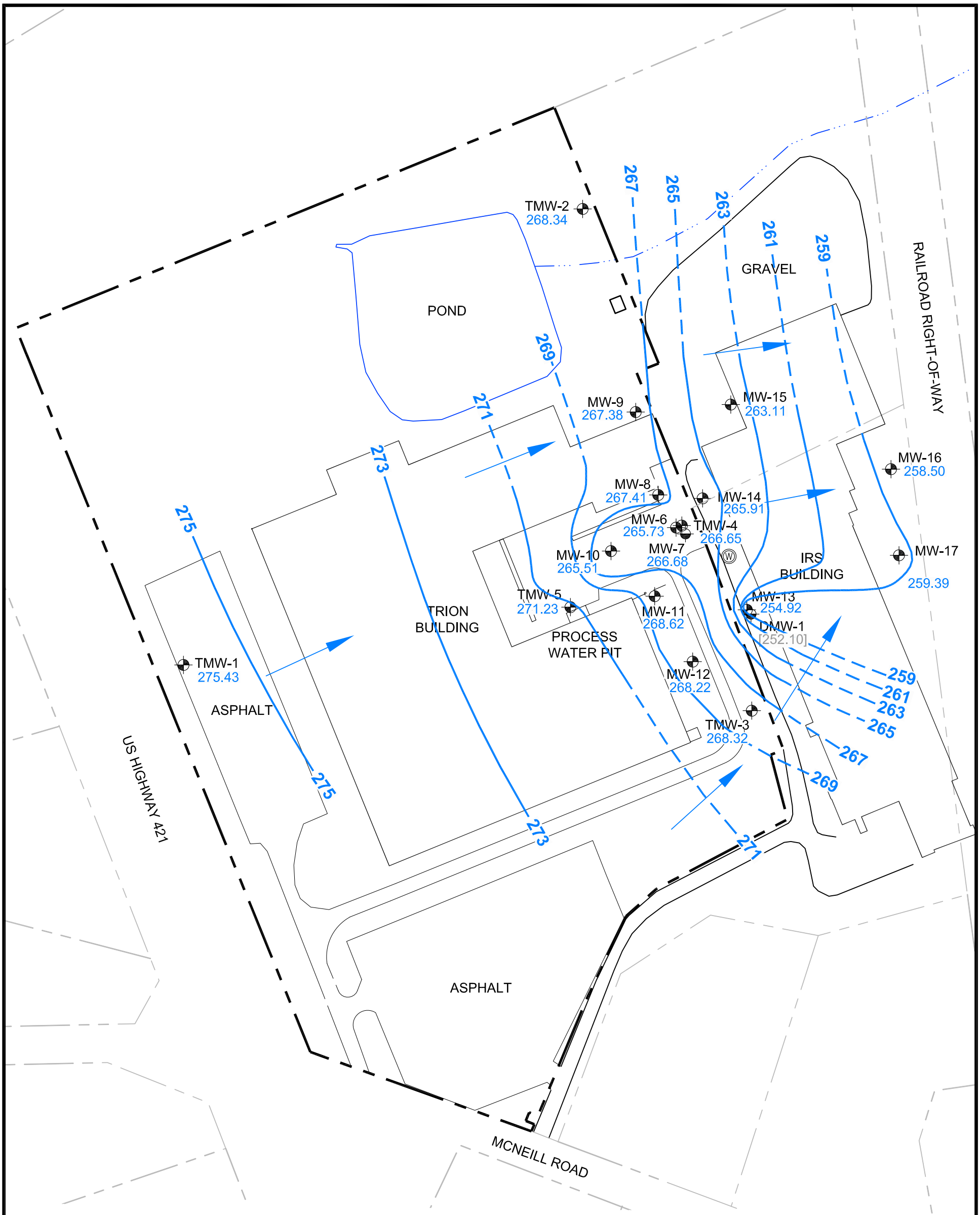
License # C-1269 / #C-245 Geology

DATE: 11–04–13	REVISION NO. 0
JOB NO. BAI–002	FIGURE NO. 3

S:\AAA-Master Projects\Barrier Advisors Inc - Trion Site (BAI-001)\Figures\BAI-002_Figures 2013.dwg, FIG 3, 11/6/2013 9:47:31 AM, nfoster



LEGEND

- TYPE II MONITORING WELL
- TYPE III MONITORING WELL
- WATER SUPPLY WELL
- 268.32 GROUNDWATER ELEVATION
- [252.10] GROUNDWATER ELEVATION NOT USED IN GENERATING CONTOURS
- GENERALIZED GROUNDWATER FLOW DIRECTION
- 275 GROUNDWATER ELEVATION CONTOUR
- SITE PROPERTY
- PROPERTY PARCEL
- INTERMITTENT STREAM

N

APPROXIMATE
0 150 300
SCALE IN FEET

NOTE:

MONITORING WELLS GAUGED ON 05/17/2012.

TITLE
GROUNDWATER TABLE ELEVATION CONTOUR MAP - 6/20/2013

PROJECT
TRION, INC. FACILITY
101 MCNEILL ROAD
SANFORD, NORTH CAROLINA

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SMARTER ENVIRONMENTAL SOLUTIONS

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License # C-1269 / #C-245 Geology

DATE: 11-04-13	REVISION NO. 0
JOB NO. BAI-002	FIGURE NO. 4

S:\AAA-Master Projects\Barrier Advisors Inc - Trion Site (BAI-001)\Figures\BAI-002_Figures 2013.dwg, FIG 4, 11/6/2013 2:14:41 PM, nfoster

TMW-2
POND
GRAVEL
RAILROAD RIGHT-OF-WAY
MW-9
DI-3
MW-15
TERRA COTTA ROOF DRAIN PIPES (TERMINATE IN STORM SEWER)
MW-16
MW-8
MW-14
DI-1
MW-6
TMW-4
MW-7
MW-10
MW-17
IRS BUILDING
TMW-5
MW-13
MW-11
TRION BUILDING
DMW-1
PROCESS WATER PIT
TMW-1
MW-12
ASPHALT
TMW-3
US HIGHWAY 421
TERRA COTTA ROOF DRAIN PIPES (TERMINATE IN STORM SEWER)
ASPHALT
MCNEILL ROAD

N

APPROXIMATE
0 150 300
SCALE IN FEET

LEGEND

- TYPE IIMONITORING WELL
- WATER SUPPLY WELL
- TYPE III MONITORING WELL
- SITE PROPERTY
- PROPERTY PARCEL
- INTERMITTENT STREAM
- STORM SEWER LINE
- DRAIN INLET

NOTES:

SITE FEATURES SURVEYED BY ESP ASSOCIATES, PA ON 7/17/2012.

TITLE
PIPELINE LOCATION MAP

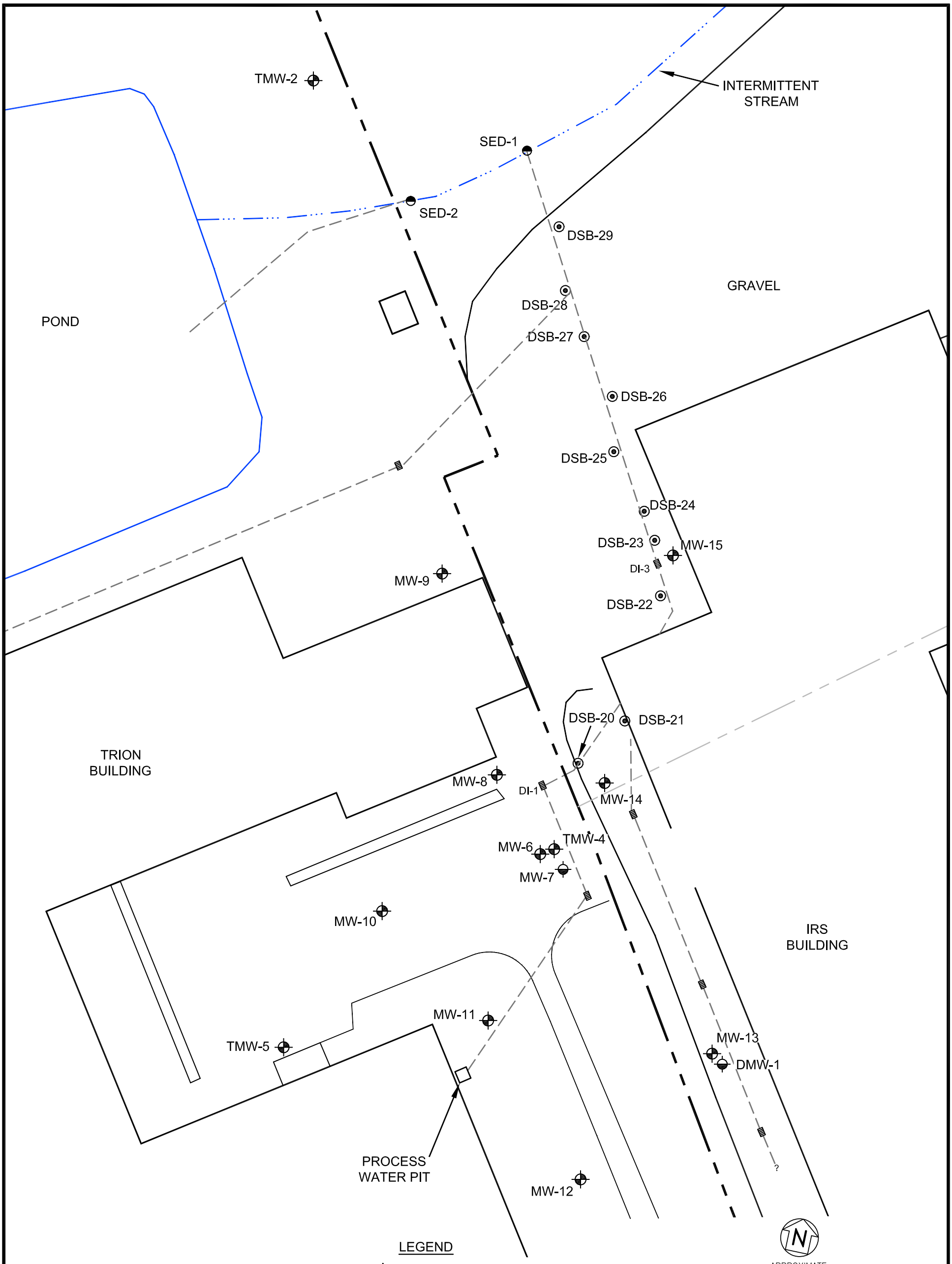
PROJECT
TRION, INC. FACILITY
101 MCNEILL ROAD
SANFORD, NORTH CAROLINA

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)
License # C-1269 / #C-245 Geology

DATE: 11–04–13	REVISION NO. 0
JOB NO. BAI–002	FIGURE NO. 5

S:\AAA-Master Projects\Barrier Advisors Inc - Trion Site (BAI-001)\Figures\BAI-002_Figures 2013.dwg, FIG 5, 11/6/2013 9:48:50 AM, nfoster



TITLE

SOIL AND SEDIMENT SAMPLE LOCATION MAP

PROJECT

TRION, INC. FACILITY
101 MCNEILL ROAD
SANFORD, NORTH CAROLINA

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS

3334 Hillsborough Street
Raleigh, North Carolina 27607
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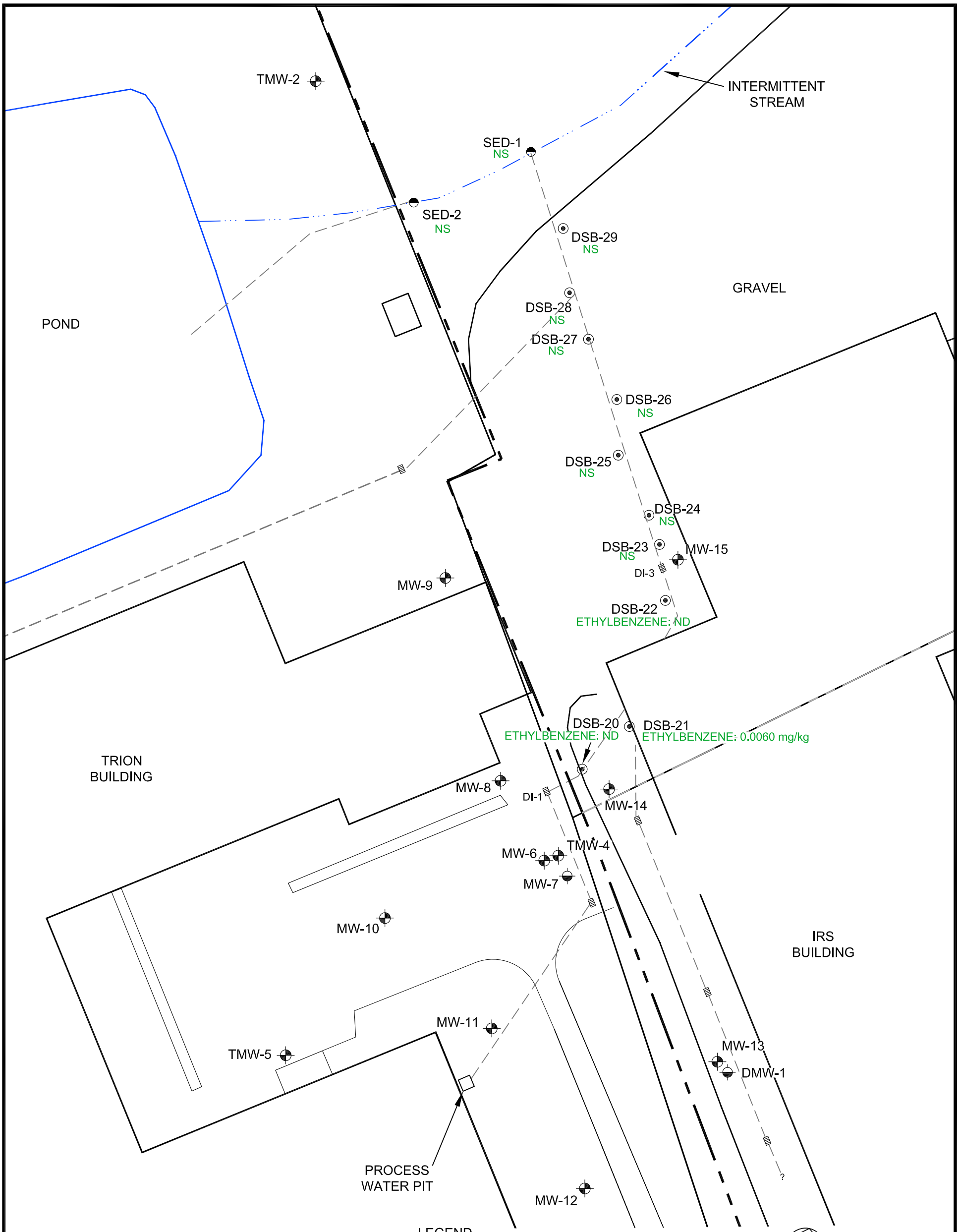
License # C-1269 / #C-245 Geology

DATE: 11–04–13	REVISION NO. 0
JOB NO. BAI–002	FIGURE NO. 6

S:\AAA-Master Projects\Barrier Advisors Inc - Trion Site (BAI-001)\Figures\BAI-002_Figures 2013.dwg, FIG 6, 11/6/2013 9:49:03 AM, nfoster



NOTE:

SOIL BORINGS ADVANCED ON 02/21/2011

ND = CONSITUENT NOT DETECTED

NS = SOIL SAMPLE NOT SUBMITTED FOR LABORATORY ANALYSIS BASED UPON FIELD SCREENING RESULTS

LEGEND

- TYPE II MONITORING WELL
- TYPE III MONITORING WELL
- WATER SUPPLY WELL
- SOIL BORING
- STORM SEWER DROP INLET
- SEDIMENT SAMPLE
- STORM SEWER LINE
- ETHYLBENZENE: 0.0060 mg/kg — ETHYLBENZENE CONCENTRATION
- SITE PROPERTY
- PROPERTY PARCEL
- INTERMITTENT STREAM

TITLE

SOIL CONTAMINANT CONCENTRATION MAP

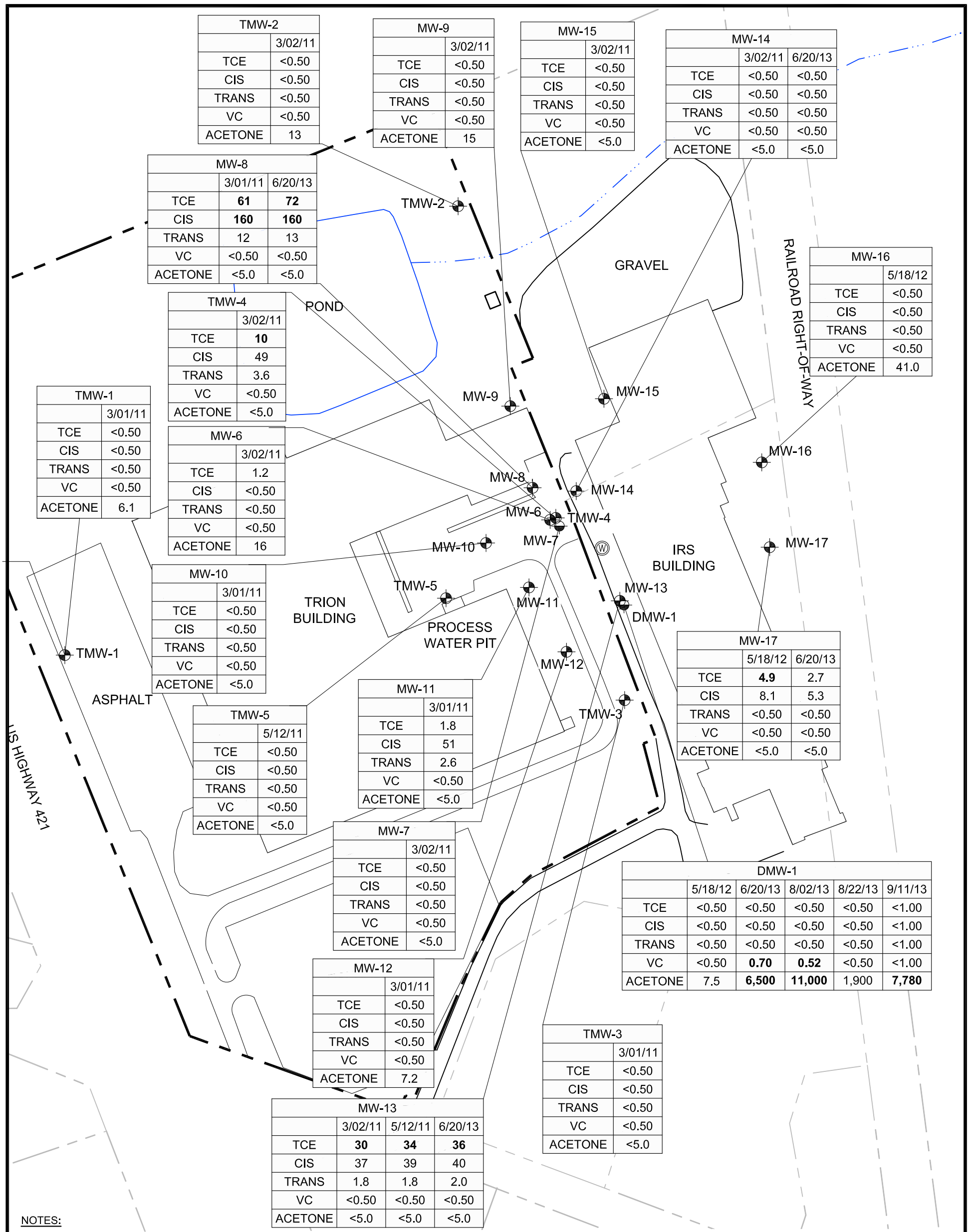
PROJECT

TRION, INC. FACILITY
101 MCNEILL ROAD
SANFORD, NORTH CAROLINA

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)
License # C-1269 / #C-245 Geology

DATE: 11-04-13	REVISION NO. 0
JOB NO. BAI-002	FIGURE NO. 7

S:\AAA-Master Projects\Barrier Advisors Inc - Trion Site (BAI-001)\Figures\BAI-002_Figures 2013.dwg, FIG 7, 11/6/2013 9:49:16 AM, nfoster



TMW-2	
	3/02/11
TCE	<0.50
CIS	<0.50
TRANS	<0.50
VC	<0.50
ACETONE	13

MW-9	
	3/02/11
TCE	<0.50
CIS	<0.50
TRANS	<0.50
VC	<0.50
ACETONE	15

MW-15	
	3/02/11
TCE	<0.50
CIS	<0.50
TRANS	<0.50
VC	<0.50
ACETONE	<5.0

MW-14		
	3/02/11	6/20/13
TCE	<0.50	<0.50
CIS	<0.50	<0.50
TRANS	<0.50	<0.50
VC	<0.50	<0.50
ACETONE	<5.0	<5.0

MW-8		
	3/01/11	6/20/13
TCE	**61**	**72**
CIS	**160**	**160**
TRANS	12	13
VC	<0.50	<0.50
ACETONE	<5.0	<5.0

MW-16	
	5/18/12
TCE	<0.50
CIS	<0.50
TRANS	<0.50
VC	<0.50
ACETONE	41.0

TMW-4	
	3/02/11
TCE	**10**
CIS	49
TRANS	3.6
VC	<0.50
ACETONE	<5.0

TMW-1	
	3/01/11
TCE	<0.50
CIS	<0.50
TRANS	<0.50
VC	<0.50
ACETONE	6.1

MW-6	
	3/02/11
TCE	1.2
CIS	<0.50
TRANS	<0.50
VC	<0.50
ACETONE	16

MW-10	
	3/01/11
TCE	<0.50
CIS	<0.50
TRANS	<0.50
VC	<0.50
ACETONE	<5.0

MW-17		
	5/18/12	6/20/13
TCE	**4.9**	2.7
CIS	8.1	5.3
TRANS	<0.50	<0.50
VC	<0.50	<0.50
ACETONE	<5.0	<5.0

MW-11	
	3/01/11
TCE	1.8
CIS	51
TRANS	2.6
VC	<0.50
ACETONE	<5.0

TMW-5	
	5/12/11
TCE	<0.50
CIS	<0.50
TRANS	<0.50
VC	<0.50
ACETONE	<5.0

MW-7	
	3/02/11
TCE	<0.50
CIS	<0.50
TRANS	<0.50
VC	<0.50
ACETONE	<5.0

DMW-1					
	5/18/12	6/20/13	8/02/13	8/22/13	9/11/13
TCE	<0.50	<0.50	<0.50	<0.50	<1.00
CIS	<0.50	<0.50	<0.50	<0.50	<1.00
TRANS	<0.50	<0.50	<0.50	<0.50	<1.00
VC	<0.50	**0.70**	**0.52**	<0.50	<1.00
ACETONE	7.5	**6,500**	**11,000**	1,900	**7,780**

MW-12	
	3/01/11
TCE	<0.50
CIS	<0.50
TRANS	<0.50
VC	<0.50
ACETONE	7.2

TMW-3	
	3/01/11
TCE	<0.50
CIS	<0.50
TRANS	<0.50
VC	<0.50
ACETONE	<5.0

MW-13			
	3/02/11	5/12/11	6/20/13
TCE	**30**	**34**	**36**
CIS	37	39	40
TRANS	1.8	1.8	2.0
VC	<0.50	<0.50	<0.50
ACETONE	<5.0	<5.0	<5.0

NOTES:

GROUNDWATER SAMPLES COLLECTED ON 03/01/2011 - 03/02/2011, 05/12/2011, 5/18/2012, 6/20/13, AND 8/2/13.

TCE = TRICHLOROETHENE

CIS = CIS-1,2-DICHLOROETHENE

TRANS = TRANS-1,2-DICHLOROETHENE

VC = VINYL CHLORIDE

BOLD VALUES EXCEED REGULATORY STANDARDS

TMW-4	
	3/02/11
TCE	**10**
CIS	49
TRANS	3.6
VC	<0.50
ACETONE	<5.0

SAMPLE IDENTIFICATION
SAMPLE DATE
ANALYTICAL RESULT (µg/L)
CONSTITUENT

LEGEND

- TYPE II MONITORING WELL
- INACTIVE WATER SUPPLY WELL
- TYPE III MONITORING WELL
- SITE PROPERTY
- PROPERTY PARCEL
- INTERMITTENT STREAM

N

APPROXIMATE
0 150 300
SCALE IN FEET

TITLE
GROUNDWATER CONTAMINANT CONCENTRATION MAP

PROJECT
TRION, INC. FACILITY
101 MCNEILL ROAD
SANFORD, NORTH CAROLINA

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)
License # C-1269 / #C-245 Geology

DATE: 11-04-13	REVISION NO. 0
JOB NO. BAI-002	FIGURE NO. 8

S:\AAA-Master Projects\Barrier Advisors Inc - Trion Site (BAI-001)\Figures\BAI-002_Figures 2013.dwg, FIG 8, 11/6/2013 9:49:32 AM, nfoster

TMW-2
POND
GRAVEL
RAILROAD RIGHT-OF-WAY
MW-9
MW-15
MW-16
MW-8
MW-14
MW-6
TMW-4
MW-7
MW-10
IRS BUILDING
MW-17
TMW-5
MW-13
MW-11
TRION BUILDING
DMW-1
PROCESS WATER PIT
TMW-1
MW-12
ASPHALT
TMW-3
US HIGHWAY 421
ASPHALT
MCNEILL ROAD

N

APPROXIMATE
0 150 300
SCALE IN FEET

NOTES:

1. GROUNDWATER SAMPLES WERE COLLECTED DURING 2011/2012 SAMPLING EVENTS.
2. CVOC - CHLORINATED VOLATILE ORGANIC COMPOUNDS

LEGEND

- TYPE II MONITORING WELL
- WATER SUPPLY WELL
- TYPE III MONITORING WELL
- SITE PROPERTY
- PROPERTY PARCEL
- INTERMITTENT STREAM
- OBSERVED EXTENT OF CVOC PLUME
- WELL IMPACTED BY CVOCs ABOVE 2L STANDARDS

TITLE
OBSERVED EXTENT OF CVOC PLUME - 2011/2012

PROJECT
TRION, INC. FACILITY
101 MCNEILL ROAD
SANFORD, NORTH CAROLINA

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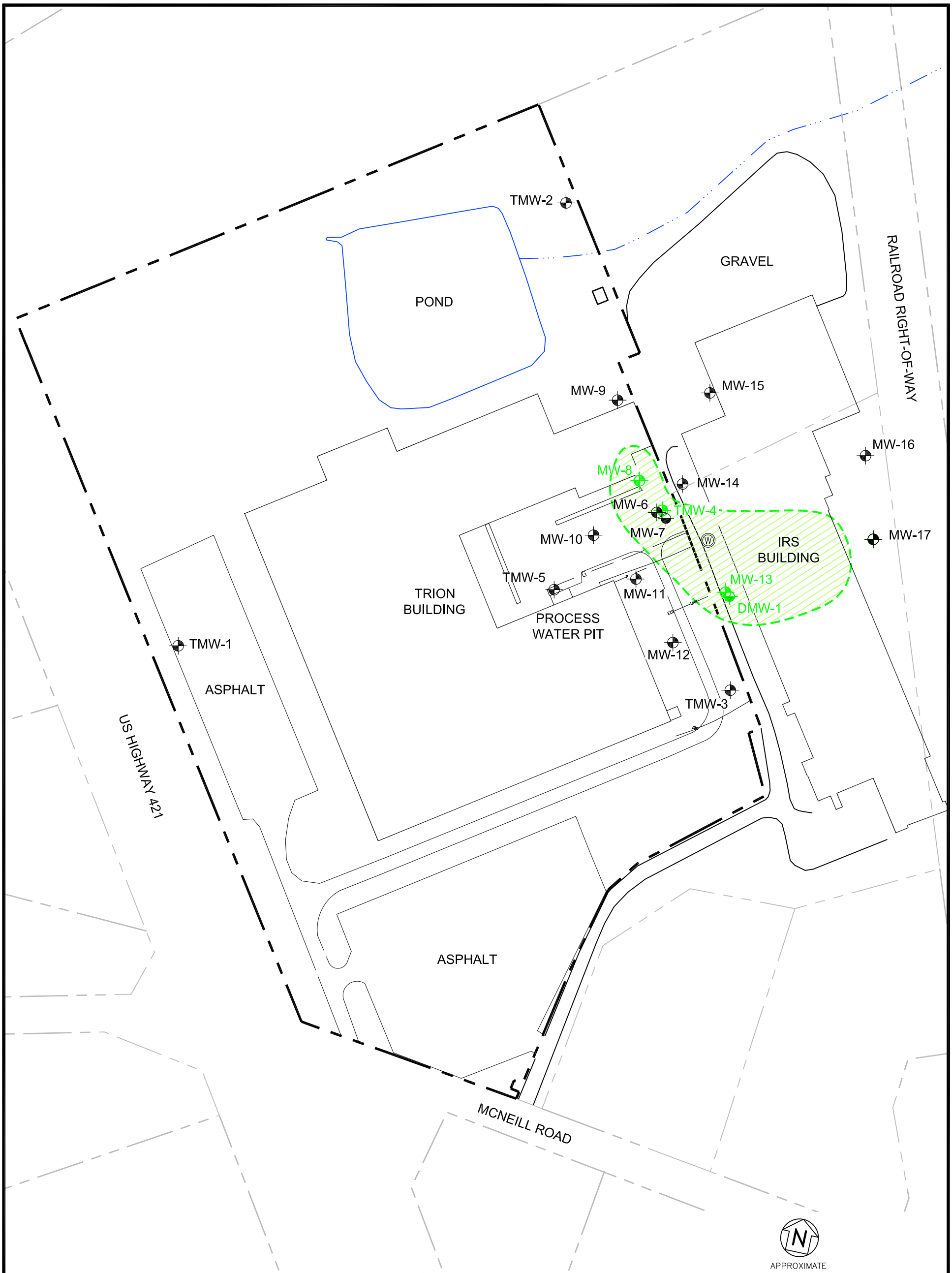
DATE: 11-04-13	REVISION NO. 0
JOB NO. BAI-002	FIGURE NO. 9

S:\AAA-Master Projects\Barrier Advisors Inc - Trion Site (BAI-001)\Figures\BAI-002_Figures 2013.dwg, FIG 9, 11/6/2013 9:49:52 AM, nfoster



NOTES:

1. GROUNDWATER SAMPLES WERE COLLECTED JUNE 20, 2013.
2. CVOC - CHLORINATED VOLATILE ORGANIC COMPOUNDS

LEGEND

- TYPE II MONITORING WELL
- WATER SUPPLY WELL
- TYPE III MONITORING WELL
- SITE PROPERTY
- PROPERTY PARCEL
- INTERMITTENT STREAM
- OBSERVED EXTENT OF CVOC PLUME
- WELL IMPACTED BY CVOCs ABOVE 2L STANDARDS

TITLE
OBSERVED EXTENT OF CVOC PLUME - JUNE 2013

PROJECT
TRION, INC. FACILITY
101 MCNEILL ROAD
SANFORD, NORTH CAROLINA

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DATE: 11–04–13	REVISION NO. 0
JOB NO. BAI–002	FIGURE NO. 10

S:\AAA-Master Projects\Barrier Advisors Inc - Trion Site (BAI-001)\Figures\BAI-002_Figures 2013.dwg, FIG 10, 11/6/2013 9:50:14 AM, nfoster

TABLES

Table 1
Summary of Monitoring Well Construction and Groundwater Elevation Data
Trion, Inc. Facility
Sanford, North Carolina
H&H Job No. BAI-003

				03/01/11		05/12/11		5/17/12		6/20/13	
Well ID	TOC Elevation (ft)	Total Depth (ft below TOC)	Screen Interval (ft bgs)	Depth to Water (ft below TOC)	Groundwater Elevation (ft)	Depth to Water (ft below TOC)	Groundwater Elevation (ft)	Depth to Water (ft below TOC)	Groundwater Elevation (ft)	Depth to Water (ft below TOC)	Groundwater Elevation (ft)
TMW-1	283.63	64	49-64	8.98	274.65	9.32	274.31	8.12	275.51	8.20	275.43
TMW-2	274.34	23	8-23	6.89	267.45	7.78	266.56	7.92	266.42	6.00	268.34
TMW-3	275.48	40	25-40	8.24	267.24	7.68	267.80	7.57	267.91	7.16	268.32
TMW-4	271.88	40	25-40	6.66	265.22	6.42	265.46	5.94	265.94	5.23	266.65
TMW-5	276.18	40	25-40	NM	NM	6.21	269.97	5.75	270.43	4.95	271.23
MW-6	272.07	25	15-25	7.16	264.91	8.67	263.40	6.44	265.63	6.34	265.73
MW-7[1]	271.55	60	55-60	6.88	264.67	5.46	266.09	5.32	266.23	4.87	266.68
MW-8	272.42	35	20-35	6.53	265.89	5.99	266.43	5.76	266.66	5.01	267.41
MW-9	280.09	40	25-40	13.76	266.33	13.75	266.34	13.44	266.65	12.71	267.38
MW-10	273.96	29	14-29	9.56	264.40	9.51	264.45	9.04	264.92	8.45	265.51
MW-11	280.43	38	23-38	12.88	267.55	12.36	268.07	12.41	268.02	11.81	268.62
MW-12	280.45	50	35-50	13.31	267.14	12.67	267.78	12.56	267.89	12.23	268.22
MW-13	273.05	50	35-50	20.20	252.85	18.22	254.83	19.08	253.97	18.13	254.92
MW-14	271.44	55	40-55	11.99	259.45	5.78	265.66	5.78	265.66	5.53	265.91
MW-15	266.80	50	35-50	5.31	261.49	3.94	262.86	3.50	263.30	3.69	263.11
MW-16	266.39	50	35-50	NM	NM	NM	NM	8.77	257.62	7.89	258.50
MW-17	264.63	75	55-75	NM	NM	NM	NM	5.36	259.27	5.24	259.39
DMW-1[2]	273.35	100	80-100	NM	NM	NM	NM	21.12	252.23	21.25	252.10

Notes:
TOC = top of casing
bgs = below ground surface
NM = not measured
MW-7[1] - Type III monitoring well with outer casing set at 48 ft below TOC.
DMW-1[2] - Type III monitoring well with outer casing set at 75 ft below TOC.
Due to slow recharge rates in monitoring wells MW-14 and MW-15, 03/01/11 gauging event depth to water measurements were taken on 2/28/11, prior to well development.
Monitoring well TMW-5 was inaccessible during 03/01/11 gauging event.

Table 2
Summary of Soil Analytical Data
Trion, Inc. Facility
Sanford, North Carolina
H&H Job No. BAI-003

Sample ID Depth (ft bgs)	DSB-20 1-2	DSB-21 2-3	DSB-22 5-6	**Screening Criteria**	
Sample Date	2/21/2011	2/21/2011	2/21/2011	Preliminary Health-Based SRG [1]	Protection of Ground Water [2]
Units	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
VOCs (8260B)					
Acetone	0.027	0.046	<0.018	12,000	24
Ethylbenzene	<0.0023	0.0060	<0.0044	5.4	8.1

Notes:
1) Analytical results compared to NC DENR Inactive Hazardous Sites Branch (IHSB) Preliminary Health-Based Soil Remediation Goal (SRG), revised February 2013.
2) Analytical results compared to NC DENR IHSB Protection of Groundwater SRG, revised February 2013.
Only those compounds detected in at least one sample shown above
Method number follows parameter in parenthesis
VOCs = volatile organic compounds
mg/kg = milligrams per kilogram

Table 3
Summary of Groundwater Analytical Data
Trion, Inc. Facility
Sanford, North Carolina
H&H Job No. BAI-003

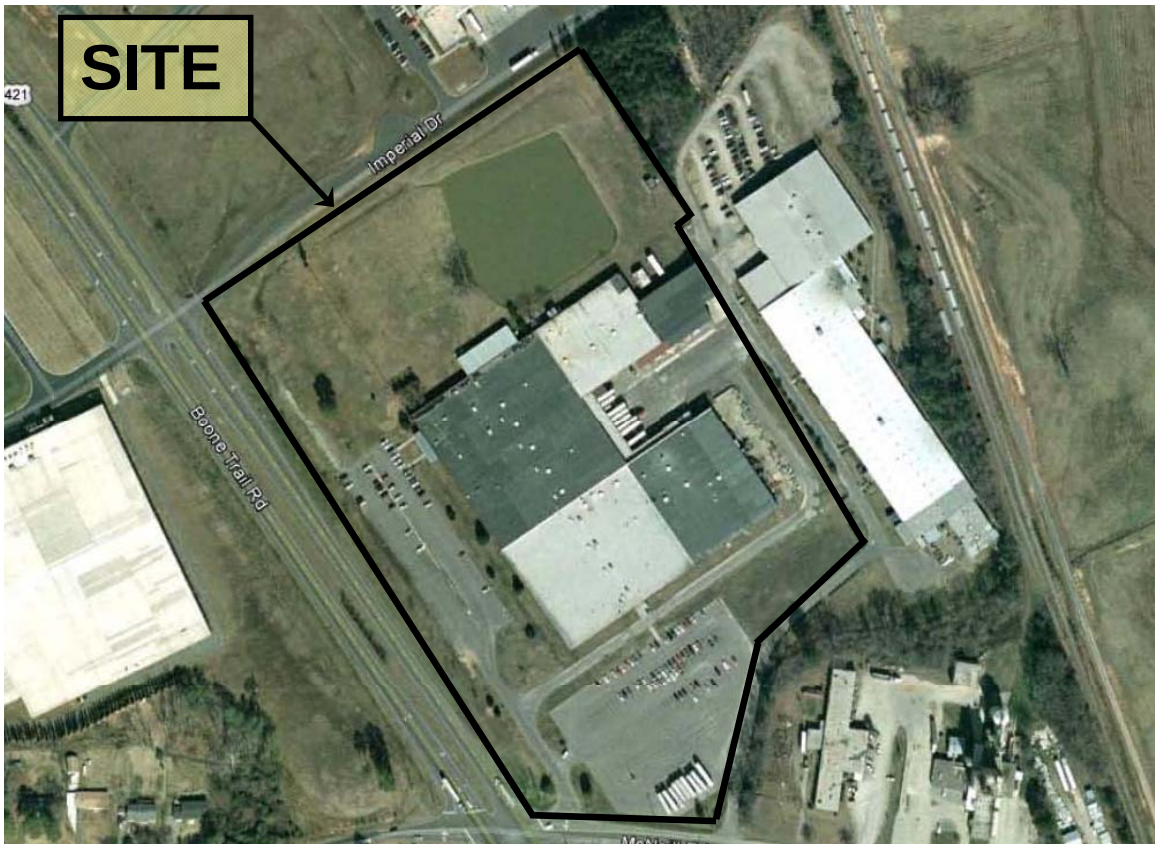
Well ID	Sample Date	VOCs (8260B)												Total Metals (6010C)				
		Acetone	Chloroform	Chloromethane	Trichlorofluoromethane	1,2-Dichlorobenzene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Toluene	1,2,4-Trichlorobenzene	Vinyl Chloride	Chromium	Copper	Manganese	Nickel	Zinc
Units		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Screening Criteria (1)		6,000	70	3	2,000	20	70	100	0.7	3	600	70	0.03	10	1,000	50	100	1,000
Screening Criteria (2)		20,000,000	35	220	160	2,300	NS	140	49	4.4	16,000	30	25	NS	NS	NS	NS	NS
TMW-1	2/26/2008	<25.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	9/10/2009	<25.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	3/1/2011	6.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	7.3	17	**290**	<10	150
TMW-2	2/26/2008	<25.0	<1.0	2.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	9/10/2009	<25.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	3/2/2011	13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	21	**77**	<10	140
TMW-3	2/26/2008	<25.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	9/10/2009	<25.0	<1.0	<1.0	0.86 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	3/1/2011	<5.0	<0.50	<0.50	0.94	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<10	**75**	<10	120
TMW-4	2/26/2008	<25.0	<1.0	<1.0	<1.0	<1.0	30.2	2.0	<1.0	**9.5**	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	3/13/2008	<25.0	<1.0	<1.0	<1.0	<1.0	35.6	2.9	<1.0	**10.9**	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	9/10/2009	<25.0	<1.0	<1.0	<1.0	<1.0	48.0	3.2	<1.0	**13.3**	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	3/2/2011	<5.0	<0.50	<0.50	<0.50	<0.50	49	3.6	<0.50	**10**	<0.50	<1.0	<0.50	<5.0	<10	**93**	29	38
TMW-5	2/26/2008	<25.0	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	9/10/2009	<25.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	5/12/2011[3]	<5.0	<0.50	<0.50	2.2	<0.50	<0.50	<0.50	0.57	<0.50	<0.50	<1.0	<0.50	<5.0	39	**260**	<10	130
MW-6	9/10/2009	<25.0	<1.0	<1.0	<1.0	<1.0	0.27 J	<1.0	<1.0	2.9	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	3/2/2011	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<1.0	<0.50	<5.0	<10	**240**	16	44
MW-7	4/23/2008	2.9 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.69 J	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	9/10/2009	<25.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	3/2/2011	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<10	**140**	10	<30
MW-8	4/23/2008	<25.0	<1.0	<1.0	<1.0	0.56 J	38.9	2.9	<1.0	**12.7**	<1.0	3.9	<0.50	NA	NA	NA	NA	NA
	9/10/2009	<25.0	0.14 J	<1.0	<1.0	<1.0	**113**	9.5	<1.0	**61.6**	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	3/1/2011	<5.0	<0.50	<0.50	<0.50	<0.50	**160**	12	<0.50	**61**	<0.50	<1.0	<0.50	<5.0	<10	20	<10	36
	6/20/2013	<5.0	<0.50	<0.50	<0.50	<0.50	**160**	13	<0.50	**72**	<0.50	<1.0	<0.50	NA	NA	NA	NA	NA
MW-9	5/1/2008	<25.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	9/10/2009	<25.0	<1.0	<1.0	<1.0	<1.0	0.30 J	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	3/2/2011	15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<10	**74**	<10	<30
MW-10	4/23/2008	<25.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	9/10/2009	<25.0	<1.0	<1.0	0.27 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	3/1/2011	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<10	**76**	<10	77
MW-11	5/1/2008	<25.0	<1.0	<1.0	<1.0	<1.0	**137**	6.2	<1.0	2.3	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	9/10/2009	<25.0	<1.0	<1.0	<1.0	<1.0	27.4	0.94 J	<1.0	1.8	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	3/1/2011	<5.0	<0.50	<0.50	<0.50	<0.50	51	2.6	<0.50	1.8	<0.50	<1.0	<0.50	<5.0	14	**110**	<10	33
MW-12	5/1/2008	<25.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	9/10/2009	<25.0	<1.0	<1.0	0.22 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA
	3/1/2011	7.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<10	**330**	<10	36
MW-13	3/2/2011	<5.0	<0.50	<0.50	<0.50	<0.50	37	1.8	<0.50	**30**	<0.50	<1.0	<0.50	6.0	13	**270**	<10	98
	5/12/2011[4]	<5.0	<0.50	<0.50	<0.50	<0.50	39	1.8	<0.50	**34**	<0.50	<1.0	<0.50	NA	NA	NA	NA	NA
	6/20/2013	<5.0	<0.50	<0.50	<0.50	<0.50	40	2.0	<0.50	**36**	<0.50	<1.0	<0.50	NA	NA	NA	NA	NA
MW-14	3/2/2011	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	**30**	<10	**150**	<10	<30
	6/20/2013	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	NA
MW-15	3/2/2011	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<1.0	<0.50	**46**	<10	**110**	<10	46
MW-16	5/18/2012	41.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<10	**150**	<10	<10
MW-17	5/18/2012	<5.0	<0.50	<0.50	<0.50	<0.50	8.1	<0.50	<0.50	**4.9**	<0.50	<1.0	<0.50	<10	<10	**200**	<10	<10
	6/20/2013	<5.0	<0.50	<0.50	<0.50	<0.50	5.3	<0.50	<0.50	2.7	<0.50	<1.0	<0.50	NA	NA	NA	NA	NA
DMW-1	5/18/2012	7.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	**50**	<10	**52**	<10	<10
	6/20/2013	**6,500**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<1.0	**0.70**	NA	NA	NA	NA	NA
	8/2/2013	**11,000**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	**0.52**	NA	NA	NA	NA	NA
	8/22/2013	1,900	<25	<12	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	NA	NA	NA	NA	NA
	9/11/2013	**7,780**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.50	<1.00	NA	NA	NA	NA	NA

Notes:
1) Analytical results compared to NC DENR 15A NCAC 2L Groundwater Standards, revised April 1, 2013
2) Analytical results compared to NC DENR Inactive Hazardous Sites Branch (IHSB) Industrial
Vapor Intrusion Preliminary Acceptable Groundwater Concentrations, revised July 2012
3) Sample collected from TMW-5 on 5/12/11 due to well obstruction during 3/1/11 - 3/2/11 sampling event
4) Sample collected from MW-13 on 5/12/11 to confirm concentrations detected during 3/2/11 sampling event
Only those compounds detected in at least one sample are shown above
Bold indicates an exceedance of the 2L Groundwater screening criteria referenced in note 1
Shaded indicates an exceedance of the IHSB screening criteria referenced in note 2
Method number follows parameter in parenthesis
VOCs= Volatile Organic Compound
NA = Not Analyzed, NS = Screening criteria not specified
µg/L = micrograms/liter

Table 4
Summary of MNA Parameters
Trion, Inc. Facility
Sanford, North Carolina
H&H Job No. BAI-003

Sample ID Sample Date	TMW-1 6/20/2013	MW-8 6/20/2013	MW-13 6/20/2013	MW-17 6/20/2013
MNA Parameters				
Dissolved Oxygen (mg/L)	3.57	0.42	2.60	3.67
pH (standard units)	7.12	6.95	8.48	6.27
Conductivity (µs/cm^2)	366	403	323	195
ORP (mV)	-3.1	33.2	15.2	153.7
Chloride (mg/L)	13	13	15	8.8
Ethane (µg/L)	<1.00	<1.00	<1.00	<1.00
Ethene (µg/L)	<1.00	<1.00	<1.00	<1.00
Methane (µg/L)	<5.00	<5.00	<5.00	<5.00
Nitrate (mg/L)	0.50	0.26	0.52	0.66
Sulfate (mg/L)	14	2.2	10	12
Total Organic Carbon (mg/L)	4.2	1.1	1.0	2.4

APPENDIX A
SITE PHOTOGRAPHS



Photograph 1: Aerial Photograph of Site

Photograph 2: View of the south side of the building to the west.

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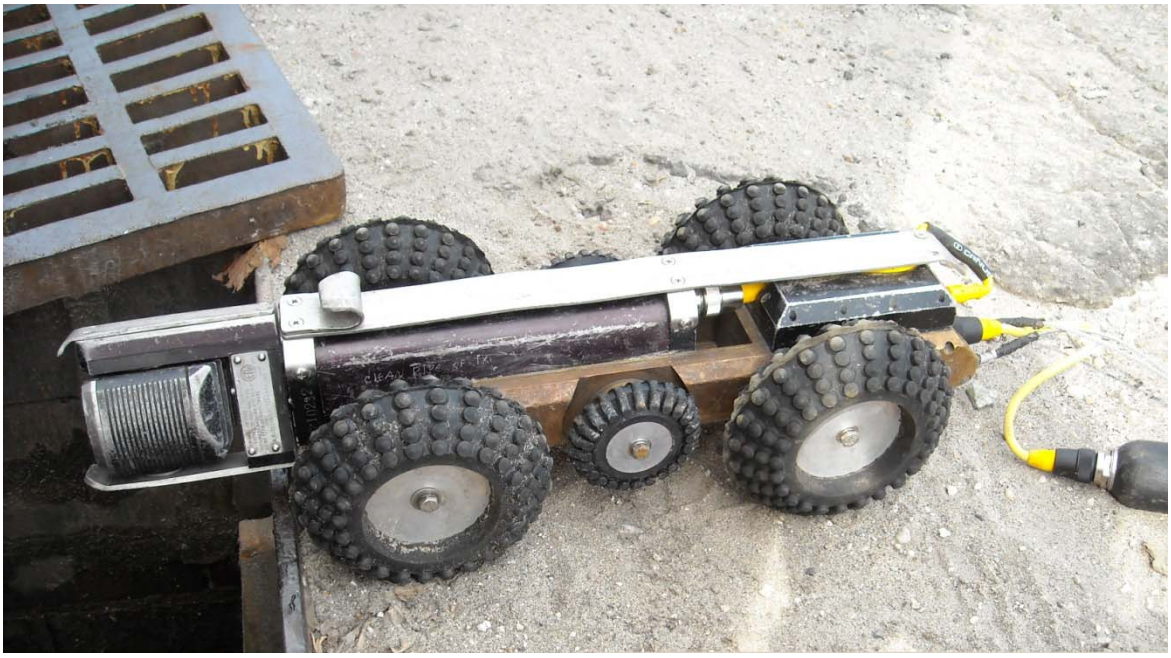
TRION, INC. FACILITY
SANFORD, NORTH CAROLINA

Photograph 3: Terra cotta pipe connected to roof drain



Photograph 4: high-definition fiber optic camera mounted on a motorized crawler

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Photograph 5: Typical low-flow groundwater sampling setup

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APPENDIX B
PIPELINE CAMERA INSPECTION LOGS

POSM
PIPELINE OBSERVATION SYSTEM MANAGEMENT

Project

Project Name	TRION FACILITY	**Location**	McNEILL ST
Date	02/18/2011 12:39:08 PM	**Direction Of Survey**	Downstream
City	SANFORD	**PO Number**	
Run Number	1	**Purpose**	Routine Assessment
Operator Name	TOM LOTZE	**Completed**	Yes
Comments			

Pipe

Asset ID		**Pipe Size**	15
Pipe Material	Concrete Segments (unbolted)	**Pipe Shape**	Circular
Lining Method		**Total Length**	
Length Surveyed	76.6	**Year Laid**	
Year Renewed		**Sewer Use**	Stormwater

Manhole

Start MH Number	DI 1	**Start MH Depth**	
Start MH Location		**Start MH Notes**	
End MH Number	UNKNOWN	**End MH Depth**	
End MH Location		**End MH Notes**	
Amount of Flow		**Signs Of Surcharge**	No

Other

Media Number	DVD	**Truck Number**	2
Contractor Name	JAAMCO, INC.	**Weather**	Dry
VCR Start Index		**VCR End Index**	

Project Name: TRION FACILITY

Date: 2/18/2011 12:39:08 PM
Location: McNEILL ST
Distance: 76.6
Run Number: 1
Pipe Size: 15

Asset ID:
Start MH Number: DI 1
End MH Number: UNKNOWN
Direction Of Survey: Downstream
Pipe Material: Concrete Segments (unbolted)

Severity
Light
Moderate
Average
Heavy
Severe

ID Number: DI 1

(0.0) - Start Inspection Remark: DI 1

(3.2) - Infiltration - Position: 12 To 12

(8.0) - Infiltration - Position: 12 To 12 Remark: INFILTRATION PRESENT AT MOST JOINT

(11.8) - Cracks - Position: 4

(15.2) - Cracks - Position: 3

(26.4) - Cracks - Position: 3

(62.4) - open joint

(66.3) - open joint Remark: SOIL VISIBLE

(71.3) - open joint

(76.6) - End Inspection Remark: CLOSED BOX W/COVER

Total Distance: 76.6

ID Number: UNKNOWN

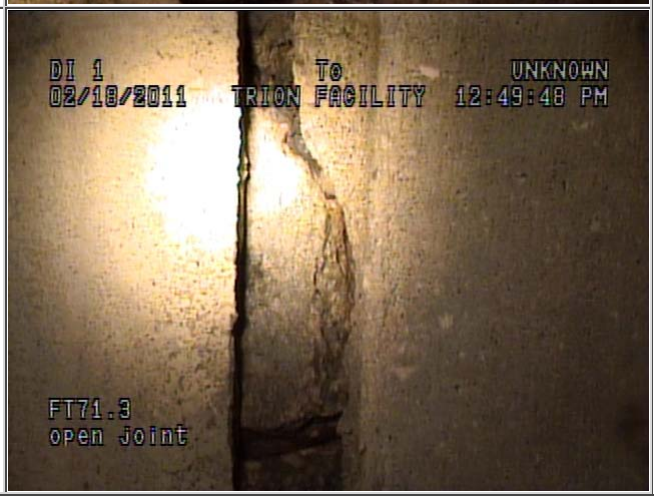
Project Name: TRION FACILITY

Date: 2/18/2011 12:39:08 PM
Location: McNEILL ST
Distance: 76.6
Run Number: 1
Pipe Size: 15

Asset ID:
Start MH Number: DI 1
End MH Number: UNKNOWN
Direction Of Survey: Downstream
Pipe Material: Concrete Segments (unbolted)

Distance	Fault Observation	Time	Picture
0.0	Start Inspection Severity: None Percent: 0 Remarks: DI 1	30	
3.2	Infiltration Position: 12 To 12 Severity: Light Percent: 0	01:21	
8.0	Infiltration Position: 12 To 12 Severity: Light Percent: 0 Remarks: INFILTRATION PRESENT AT MOST JOINT	02:31	

Distance	Fault Observation	Time	Picture
11.8	Cracks Position: 4 Severity: Moderate Percent: 0	03:12	
15.2	Cracks Position: 3 Severity: Light Percent: 0	04:12	
26.4	Cracks Position: 3 Severity: Moderate Percent: 0	04:53	

Distance	Fault Observation	Time	Picture
62.4	open joint Severity: Light Percent: 0	06:44	
66.3	open joint Severity: Average Percent: 0 Remarks: SOIL VISIBLE	07:46	
71.3	open joint Severity: Moderate Percent: 0	08:49	

Distance	Fault Observation	Time	Picture
76.6	**End Inspection** **Severity: None** **Percent: 0** **Remarks: CLOSED BOX W/COVER**	11:18	

PIPELINE OBSERVATION SYSTEM MANAGEMENT

Project

Project Name	TRION FACILITY	**Location**	McNEILL ST
Date	02/18/2011 12:39:08 PM	**Direction Of Survey**	Upstream
City	SANFORD	**PO Number**	
Run Number	1	**Purpose**	Routine Assessment
Operator Name	TOM LOTZE	**Completed**	Yes
Comments			

Pipe

Asset ID		**Pipe Size**	24
Pipe Material	Concrete Segments (unbolted)	**Pipe Shape**	Circular
Lining Method		**Total Length**	
Length Surveyed	79.9	**Year Laid**	
Year Renewed		**Sewer Use**	Stormwater

Manhole

Start MH Number	UNKNOWN	**Start MH Depth**	
Start MH Location		**Start MH Notes**	
End MH Number	DI 3	**End MH Depth**	
End MH Location		**End MH Notes**	
Amount of Flow		**Signs Of Surcharge**	No

Other

Media Number	DVD	**Truck Number**	2
Contractor Name	JAAMCO, INC.	**Weather**	Dry
VCR Start Index		**VCR End Index**	

Project Name: TRION FACILITY

Date: 2/18/2011 12:39:08 PM
Location: McNEILL ST
Distance: 79.9
Run Number: 1
Pipe Size: 24

Asset ID:
Start MH Number: DI 3
End MH Number: UNKNOWN
Direction Of Survey: Upstream
Pipe Material: Concrete Segments (unbolted)

Severity
Light
Moderate
Average
Heavy
Severe

ID Number: UNKNOWN

(0.0) - Start Inspection Remark: DI 3

(3.8) - open joint Remark: INFILTRATION PRESENT

(8.9) - Infiltration - Position: 3 To 9

(12.7) - Infiltration Remark: PRESENT AT MOST JOINTS

(22.8) - START SAG

(28.8) - END SAG

(35.3) - Infiltration Remark: POSSIBLE HOLE IN PIPE

(35.3) - Infiltration Remark: POSSIBLE HOLE IN PIPE

(79.9) - End Inspection Remark: CLOSED BOX W/COVER FED BY ANOTHER 24" LINE

Total Distance: 79.9

ID Number: DI 3

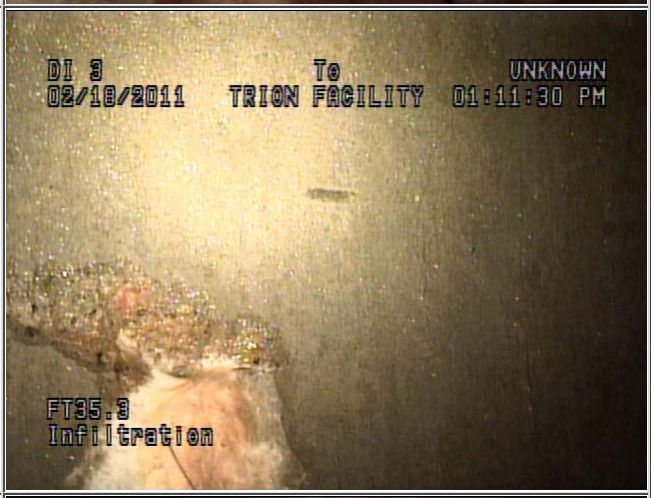
Project Name: TRION FACILITY

Date: 2/18/2011 12:39:08 PM
Location: McNEILL ST
Distance: 79.9
Run Number: 1
Pipe Size: 24

Asset ID:
Start MH Number: DI 3
End MH Number: UNKNOWN
Direction Of Survey: Upstream
Pipe Material: Concrete Segments (unbolted)

Distance	Fault Observation	Time	Picture
0.0	Start Inspection Severity: None Percent: 0 Remarks: DI 3	29	
3.8	open joint Severity: Average Percent: 0 Remarks: INFILTRATION PRESENT	01:28	
8.9	Infiltration Position: 3 To 9 Severity: Average Percent: 0	03:02	

Distance	Fault Observation	Time	Picture
12.7	Infiltration Severity: None Percent: 0 Remarks: PRESENT AT MOST JOINTS	03:50	
22.8	START SAG Severity: None Percent: 0	04:56	
28.8	END SAG Severity: None Percent: 0	05:28	

Distance	Fault Observation	Time	Picture
35.3	Infiltration Severity: None Percent: 0 Remarks: POSSIBLE HOLE IN PIPE	06:17	
35.3	Infiltration Severity: None Percent: 0 Remarks: POSSIBLE HOLE IN PIPE	7:10	
79.9	End Inspection Severity: None Percent: 0 Remarks: CLOSED BOX W/COVER FED BY ANOTHER 24" LINE	09:31	

PIPELINE OBSERVATION SYSTEM MANAGEMENT

Project

Project Name	TRION FACILITY	**Location**	McNEILL ST
Date	02/18/2011 12:39:08 PM	**Direction Of Survey**	Downstream
City	SANFORD	**PO Number**	
Run Number	1	**Purpose**	Routine Assessment
Operator Name	TOM LOTZE	**Completed**	Yes
Comments			

Pipe

Asset ID		**Pipe Size**	24
Pipe Material	Concrete Segments (unbolted)	**Pipe Shape**	Circular
Lining Method		**Total Length**	
Length Surveyed	79.9	**Year Laid**	
Year Renewed		**Sewer Use**	Stormwater

Manhole

Start MH Number	DI 3	**Start MH Depth**	
Start MH Location		**Start MH Notes**	
End MH Number	UNKNOWN	**End MH Depth**	
End MH Location		**End MH Notes**	
Amount of Flow		**Signs Of Surcharge**	No

Other

Media Number	DVD	**Truck Number**	2
Contractor Name	JAAMCO, INC.	**Weather**	Dry
VCR Start Index		**VCR End Index**	

Project Name: TRION FACILITY

Date: 2/18/2011 12:39:08 PM
Location: McNEILL ST
Distance: 209.3
Run Number: 1
Pipe Size: 24

Asset ID:
Start MH Number: DI 3
End MH Number: UNKNOWN
Direction Of Survey: Downstream
Pipe Material: Concrete Segments (unbolted)

Severity
Light
Moderate
Average
Heavy
Severe

ID Number: DI 3

(0.0) - Start Inspection Remark: DI 3

(3.7) - Infiltration - Position: 3 To 9 - Cont Def: S01

(19.5) - START SAG

(37.9) - END SAG

(52.7) - START SAG

(70.2) - END SAG

(118.4) - END SAG

(205.3) - General Observation Remark: CAMERA UNDERWATER

(209.3) - General Observation Remark: SURVEY ABANDONED DEBRIS STOPPING CAMERA

(209.3) - End Inspection Remark: SURVEY ABANDONED

Total Distance: 209.3

ID Number: UNKNOWN

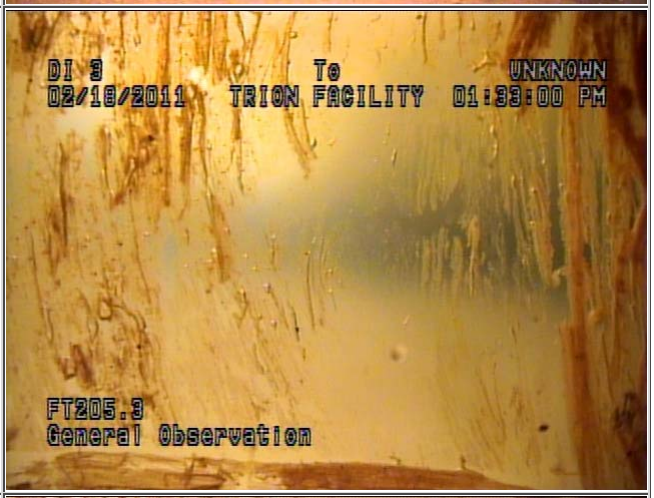
Project Name: TRION FACILITY

Date: 2/18/2011 12:39:08 PM
Location: McNEILL ST
Distance: 209.3
Run Number: 1
Pipe Size: 24

Asset ID:
Start MH Number: DI 3
End MH Number: UNKNOWN
Direction Of Survey: Downstream
Pipe Material: Concrete Segments (unbolted)

Distance	Fault Observation	Time	Picture
0.0	Start Inspection Severity: None Percent: 0 Remarks: DI 3	31	
3.7	Infiltration Position: 3 To 9 Severity: Light Cont Defect: S01 Percent: 0 Joint	1:10	
19.5	START SAG Severity: Average Percent: 0	02:15	

Distance	Fault Observation	Time	Picture
37.9	END SAG Severity: None Percent: 0	03:08	
52.7	START SAG Severity: None Percent: 0	03:51	
70.2	END SAG Severity: None Percent: 0	04:36	

Distance	Fault Observation	Time	Picture
118.4	END SAG Severity: None Percent: 0	06:14	
205.3	General Observation Severity: None Percent: 0 Remarks: CAMERA UNDERWATER	12:10	
209.3	General Observation Severity: None Percent: 0 Remarks: SURVEY ABANDONED DEBRIS STOPPING CAMERA	13:51	

Distance	Fault Observation	Time	Picture
209.3	**End Inspection** **Severity: None** **Percent: 0** **Remarks: SURVEY ABANDONED**	14:17	

APPENDIX C
SOIL BORING LOGS / WELL CONSTRUCTION DIAGRAMS

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2923 South Tryon Street-Suite 100
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704-586-0007(p) 704-586-0373(f)

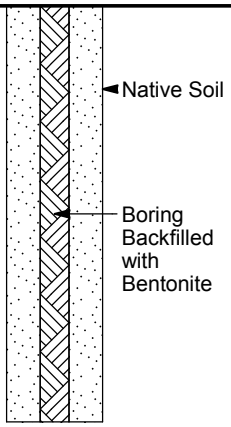
3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER DSB-20

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0.0						Asphalt/Gravel
			0.2	3.3		Slightly Moist, Orange/Brown, Poorly-Graded, Medium SAND
		GB	0.2	0.9		Moist, Brown, CLAYEY SAND
2.5			0.2	0.8		Moist, Brown/Orange, SANDY CLAY
			0.2	0.7		
			0.2	0.5		Wet, Brown/Orange, SANDY CLAY
5.0						Bottom of borehole at 5.0 feet.
7.5						
10.0						
12.5						
15.0						

BORING DIAGRAM



DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: N/A / Hand Auger
SAMPLING METHOD: Hand Auger
LOGGED BY: MAB
DRAWN BY: TAK

BORING STARTED: 2/21/11
BORING COMPLETED: 2/21/11
TOTAL DEPTH: 5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

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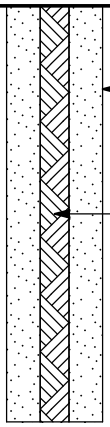
BORING NUMBER DSB-21

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0.0			0.2	0.3		Dry to Slightly Moist, Orange/Brown, Poorly-Graded, Medium SAND
			0.2	1.3		
2.5		GB	0.2	7.5		Slightly Moist, Brown, Fine SILTY SAND
			0.2	1.2		Moist, Brown, Soft, SILTY CLAY
			0.2	0.9		Wet, Brown, Soft, SILTY CLAY
5.0						Bottom of borehole at 5.0 feet.
7.5						
10.0						
12.5						
15.0						

BORING DIAGRAM



DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: N/A / Hand Auger
SAMPLING METHOD: Hand Auger
LOGGED BY: MAB
DRAWN BY: TAK

BORING STARTED: 2/21/11
BORING COMPLETED: 2/21/11
TOTAL DEPTH: 5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

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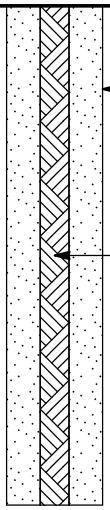
BORING NUMBER DSB-22

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0.0						Concrete/Gravel
			0.2	0.6		Slightly Moist, Brown/Orange, SILTY CLAY
			0.2	0.4		
2.5			0.2	0.5		
			0.2	0.5		
			0.2	0.4		
5.0		GB	0.2	0.6		
						Bottom of borehole at 6.0 feet.
7.5						
10.0						
12.5						
15.0						

BORING DIAGRAM



DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: AMS 9500 VTR / Direct Push
SAMPLING METHOD: DPT Sleeves
LOGGED BY: MAB
DRAWN BY: TAK

BORING STARTED: 2/21/11
BORING COMPLETED: 2/21/11
TOTAL DEPTH: 6 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

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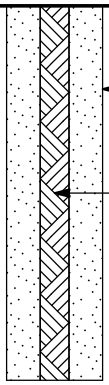
BORING NUMBER DSB-23

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0.0						Concrete/Gravel
			0.1	0.1		Dry, Red/Brown, Fine SANDY SILT
			0.1	0.1		
2.5			0.1	0.1		
			0.1	0.1		
			0.1	0.1		
5.0						Refusal at 4.5 feet. Bottom of borehole at 4.5 feet.
7.5						
10.0						
12.5						
15.0						

BORING DIAGRAM



DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: AMS 9500 VTR / Direct Push
SAMPLING METHOD: DPT Sleeves
LOGGED BY: MAB
DRAWN BY: TAK

BORING STARTED: 2/21/11
BORING COMPLETED: 2/21/11
TOTAL DEPTH: 4.5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

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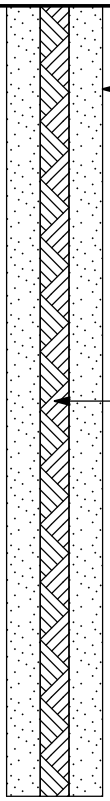
BORING NUMBER DSB-24

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0.0			0.3	0.4		Slightly Moist, Orange/Brown, Fine SANDY SILT
			0.3	0.4		Slightly Moist, Red/Brown, SILTY CLAY
2.5			0.3	0.5		
			0.3	0.4		
			0.3	0.4		Dry, Red, Fine SANDY SILT
5.0						
			0.3	0.4		
7.5						
			0.3	0.4		
10.0						Refusal at 9.5 feet. Bottom of borehole at 9.5 feet.
12.5						
15.0						

BORING DIAGRAM



DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: AMS 9500 VTR / Direct Push
SAMPLING METHOD: DPT Sleeves
LOGGED BY: MAB
DRAWN BY: TAK

BORING STARTED: 2/21/11
BORING COMPLETED: 2/21/11
TOTAL DEPTH: 9.5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

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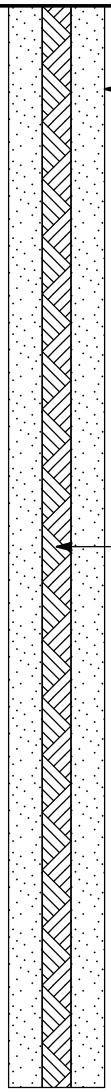
BORING NUMBER DSB-25

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0.0			0.3	0.3		Slightly Moist, Orange/Brown, Fine SANDY SILT
			0.3	0.8		
2.5			0.3	0.4		Moist, Light Brown/Orange, Fine CLAYEY SAND
			0.3	0.4		
			0.3	0.4		Moist, Red, SANDY CLAY
5.0						
			0.3	0.5		Moist, Red, CLAYEY SILT
7.5			0.3	0.5		
10.0			0.3	0.5		Dry, Red, SILT
12.5						
15.0						Refusal at 13.0 feet. Bottom of borehole at 13.0 feet.

BORING DIAGRAM



DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: AMS 9500 VTR / Direct Push
SAMPLING METHOD: DPT Sleeves
LOGGED BY: MAB
DRAWN BY: TAK

BORING STARTED: 2/21/11
BORING COMPLETED: 2/21/11
TOTAL DEPTH: 13 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

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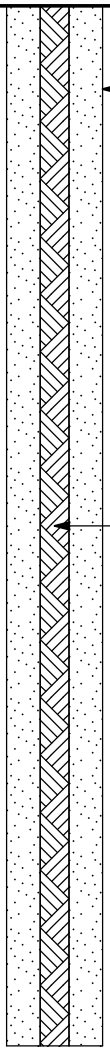
BORING NUMBER DSB-26

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0.0			0.3	0.3		Slightly Moist, Light Brown/Orange, Fine SANDY SILT
			0.3	0.3		
2.5			0.3	0.4		Dry, Brown/Orange, Poorly-Graded, Medium SAND
			0.3	0.5		Slightly Moist to Dry, Red, CLAYEY SILT
5.0			0.3	0.5		
7.5			0.3	0.5		
10.0			0.3	0.3		
12.5			0.3	0.3		
15.0						Refusal at 12.5 feet. Bottom of borehole at 12.5 feet.

BORING DIAGRAM



DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: AMS 9500 VTR / Direct Push
SAMPLING METHOD: DPT Sleeves
LOGGED BY: MAB
DRAWN BY: TAK

BORING STARTED: 2/21/11
BORING COMPLETED: 2/21/11
TOTAL DEPTH: 12.5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

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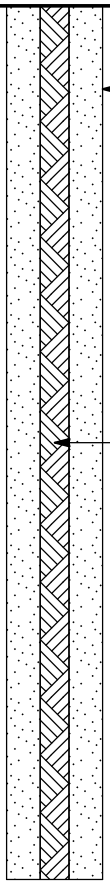
BORING NUMBER DSB-27

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0.0			0.2	0.2		Slightly Moist, Orange/Brown, Fine SANDY SILT
			0.2	0.3		Slightly Moist to Dry, Orange/Brown to Red, CLAYEY SILT
2.5			0.2	0.2		
			0.2	0.3		
			0.2	0.3		
5.0			0.2	0.2		
7.5			0.2	0.2		
10.0						
12.5						Refusal at 10.5 feet. Bottom of borehole at 10.5 feet.
15.0						

BORING DIAGRAM



DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: AMS 9500 VTR / Direct Push
SAMPLING METHOD: DPT Sleeves
LOGGED BY: MAB
DRAWN BY: TAK

BORING STARTED: 2/21/11
BORING COMPLETED: 2/21/11
TOTAL DEPTH: 10.5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

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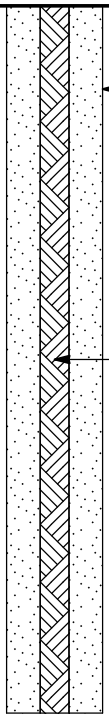
BORING NUMBER DSB-28

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0.0			0.3	0.2		Slightly Moist, Orange/Brown, Fine SANDY SILT
			0.3	0.3		
			0.3	0.4		Moist, Orange/Brown, CLAYEY SILT
2.5			0.3	0.4		
			0.3	0.3		Moist to Dry, Red, SILT
5.0			0.3	0.3		
7.5						
10.0						Refusal at 8.5 feet. Bottom of borehole at 8.5 feet.
12.5						
15.0						

BORING DIAGRAM



DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: AMS 9500 VTR / Direct Push
SAMPLING METHOD: DPT Sleeves
LOGGED BY: MAB
DRAWN BY: TAK

BORING STARTED: 2/21/11
BORING COMPLETED: 2/21/11
TOTAL DEPTH: 8.5 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

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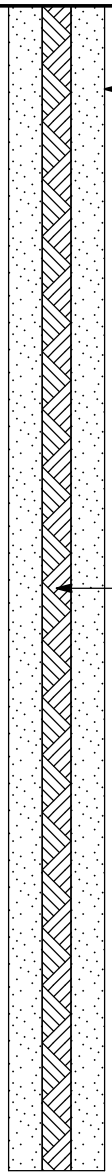
BORING NUMBER DSB-29

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0.0						Slightly Moist, Orange/Brown, Fine SANDY SILT
			0.3	0.3		
			0.3	0.3		
2.5			0.3	0.3		
						Dry, Red, SILT
			0.3	0.3		
			0.3	0.3		
5.0						
			0.3	0.3		
7.5						
			0.3	0.3		
10.0						
			0.3	0.5		
12.5			0.3	0.3		
15.0						Bottom of borehole at 14.0 feet.

BORING DIAGRAM



DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: AMS 9500 VTR / Direct Push
SAMPLING METHOD: DPT Sleeves
LOGGED BY: MAB
DRAWN BY: TAK

BORING STARTED: 2/21/11
BORING COMPLETED: 2/21/11
TOTAL DEPTH: 14 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

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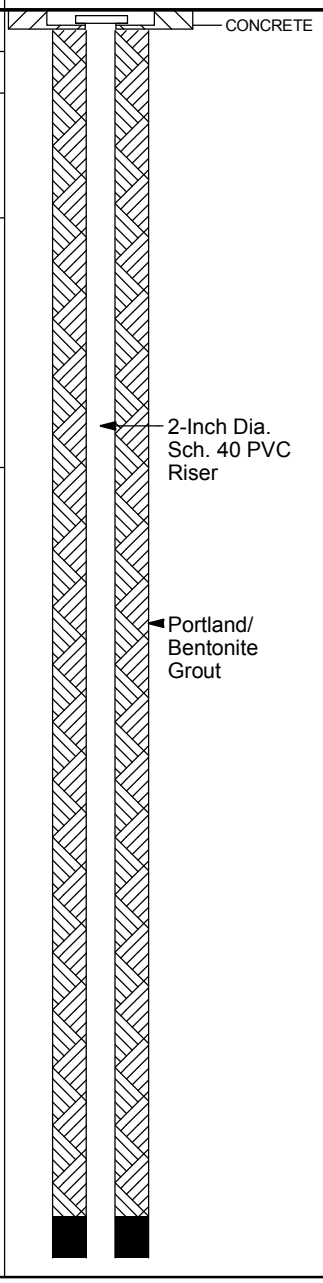
BORING NUMBER MW-13

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0						Asphalt/Gravel
						FILL: Moist, Light Brown, SANDY SILT with Quartz Fragments
						Moist, Light Brown/Red, SILT
5						Wet, Red, SILT
10						Moist, Red, SILT
15						
20						with approx. 1/2" Diameter Angular Weathered Rock Fragments
25						
30						

BORING DIAGRAM



DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: Gus Pech / Air Rotary
SAMPLING METHOD: Auger Cuttings
LOGGED BY: TAK
DRAWN BY: TAK

BORING STARTED: 2/21/11
BORING COMPLETED: 2/21/11
TOTAL DEPTH: 50 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

(Continued Next Page)

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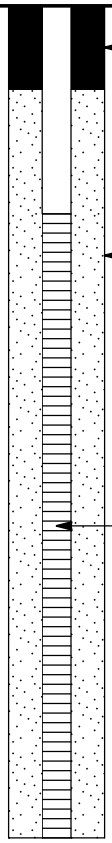
BORING NUMBER MW-13

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
30						Moist, Red, SILT *(continued)*
35						
						Wet, Brown, SILT
40						
45						
50						Bottom of borehole at 50.0 feet.
55						
60						

BORING DIAGRAM



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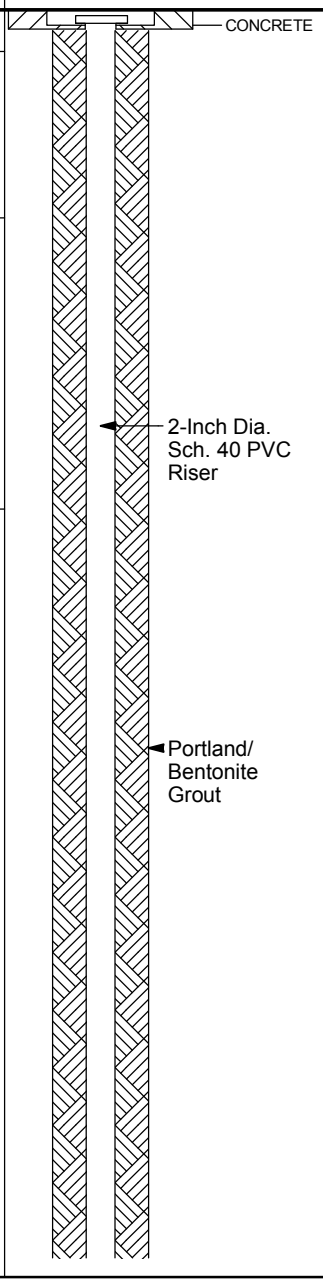
BORING NUMBER MW-14

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0						Asphalt
						Moist, Light Brown, Fine SANDY SILT
5						Moist, Gray, CLAYEY SILT
10						Moist, Red, SILT
15						
20						
25						with approx. 1/4" Diameter Angular Weathered Rock Fragments
30						

BORING DIAGRAM



DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: Gus Pech / Air Rotary
SAMPLING METHOD: Auger Cuttings
LOGGED BY: TAK
DRAWN BY: TAK

BORING STARTED: 2/21/11
BORING COMPLETED: 2/21/11
TOTAL DEPTH: 55 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

(Continued Next Page)

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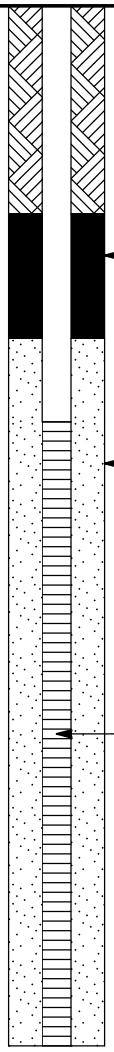
BORING NUMBER MW-14

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
30						Moist, Red, SILT *(continued)*
35						
40						
45						
50						
55						Bottom of borehole at 55.0 feet.
60						

BORING DIAGRAM



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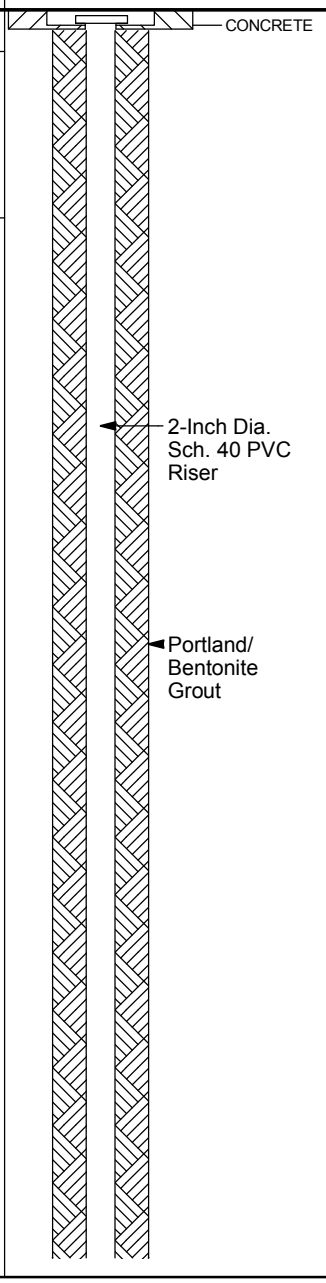
BORING NUMBER MW-15

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0						Concrete/Gravel
						Moist, Red, Fine SANDY SILT
5						Moist, Red, SILT
10						
15						
20						with approx. 1/4" Diameter Angular Weathered Rock Fragments
25						
30						

BORING DIAGRAM



DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: Gus Pech / Air Rotary
SAMPLING METHOD: Auger Cuttings
LOGGED BY: TAK
DRAWN BY: TAK

BORING STARTED: 2/21/11
BORING COMPLETED: 2/21/11
TOTAL DEPTH: 50 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

(Continued Next Page)

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BORING NUMBER MW-15

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
30						Moist, Red, SILT *(continued)*	Bentonite Seal	30
35							#2 Filter Sand	35
40						Wet, Red, SILT	2-Inch Dia. Sch. 40 PVC 0.010-Inch Slot Screen	40
45								45
50						Bottom of borehole at 50.0 feet.		50
55								55
60								60

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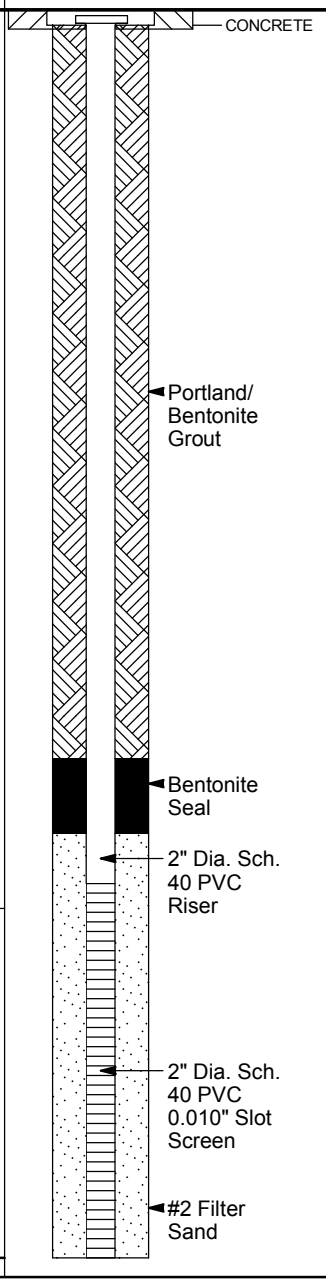
BORING NUMBER MW-16

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0						Dry to Slightly Moist, CLAYEY SILT
10						
20						
30						
						Dry to Slightly Moist, Purple and Red, SILT and Shale Conglomerate
40						
50						Bottom of borehole at 50.0 feet.

BORING DIAGRAM



DRILLING CONTRACTOR: Carolina Soil Investigations
DRILL RIG/ METHOD: Air Rotary
SAMPLING METHOD: Auger Cuttings
LOGGED BY: MAB
DRAWN BY: TAK

BORING STARTED: 5/2/12
BORING COMPLETED: 5/2/12
TOTAL DEPTH: 50 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

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BORING NUMBER MW-17

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0						Dry, Red, SILTY CLAY	CONCRETE	0
10								10
20							Portland/ Bentonite Grout	20
30							2" Dia. Sch. 40 PVC Riser	30
40								40
50								50

DRILLING CONTRACTOR: Carolina Soil Investigations
DRILL RIG/ METHOD: Air Rotary
SAMPLING METHOD: Auger Cuttings
LOGGED BY: MAB
DRAWN BY: TAK

BORING STARTED: 5/2/12
BORING COMPLETED: 5/3/12
TOTAL DEPTH: 75 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

(Continued Next Page)

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BORING NUMBER MW-17

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
50						Dry, Red, SILTY CLAY with Rock Fragments	Bentonite Seal	50
60						Moist, Red, SILTY CLAY	2" Dia. Sch. 40 PVC 0.010" Slot Screen	60
70							#2 Filter Sand	70
						Bottom of borehole at 75.0 feet.		
80								80
90								90
100								100

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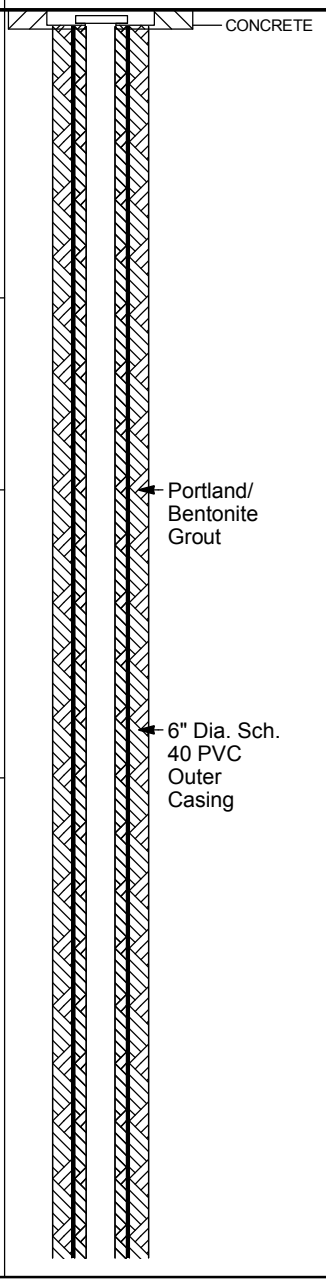
BORING NUMBER DMW-1

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0						Moist, Red-Brown, SILTY CLAY
10						Dry, Red-Brown, SILTY CLAY
20						Dry, Light Red-Light Brown, SILTY CLAY
30						Wet, Purple and Red, SILT
40						
50						

BORING DIAGRAM



DRILLING CONTRACTOR: Carolina Soil Investigations
DRILL RIG/ METHOD: Air Rotary
SAMPLING METHOD: Auger Cuttings
LOGGED BY: MAB
DRAWN BY: TAK

BORING STARTED: 5/1/12
BORING COMPLETED: 5/3/12
TOTAL DEPTH: 103 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

(Continued Next Page)

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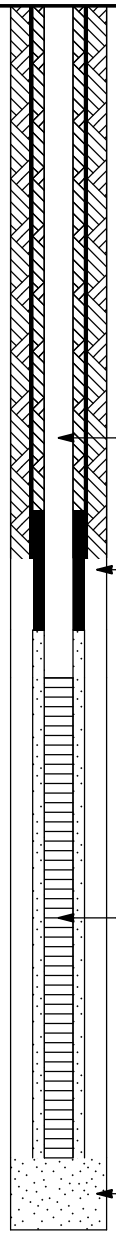
3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER DMW-1

PROJECT: Trion, Inc. Facility
JOB NUMBER: BAI-002
LOCATION: Sanford, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
						Wet, Purple and Red, SILT *(continued)*		
60								60
						Hard, Red, ROCK (Shale Conglomerate)		
70							2" Dia. Sch. 40 PVC Riser	70
							Bentonite Seal	
80								80
90							2" Dia. Sch. 40 PVC 0.010" Slot Screen	90
100							#2 Filter Sand	100
						Bottom of borehole at 103.0 feet.		



APPENDIX D
LABORATORY ANALYTICAL REPORTS

Case Narrative

03/06/2011

Hart & Hickman (Raleigh)
Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Lab Submittal Date: 02/23/2011
Prism Work Order: 1020650

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

President/Project Manager

Reviewed By

Data Qualifiers Key Reference:

BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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Sample Receipt Summary

03/06/2011

Prism Work Order: 1020650

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
DSB-20 (1-2)	1020650-01	Solid	02/21/11	02/23/11
DSB-21 (2-3')	1020650-02	Solid	02/21/11	02/23/11
DSB-22 (5-6')	1020650-03	Solid	02/21/11	02/23/11
TRIP BLANK	1020650-04	Water	02/21/11	02/23/11

Samples received in good condition at 0.3 degrees C unless otherwise noted.

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Solid

Client Sample ID: DSB-20 (1-2)
Prism Sample ID: 1020650-01
Prism Work Order: 1020650
Time Collected: 02/21/11 14:20
Time Submitted: 02/23/11 13:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**87.6**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/25/11 15:45**	**JAB**	**P1B0626**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/kg dry	2.3	0.30	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,1,1-Trichloroethane	BRL	ug/kg dry	2.3	0.32	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,1,2,2-Tetrachloroethane	BRL	ug/kg dry	2.3	0.29	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,1,2-Trichloroethane	BRL	ug/kg dry	2.3	0.28	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,1-Dichloroethane	BRL	ug/kg dry	2.3	0.21	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,1-Dichloroethylene	BRL	ug/kg dry	2.3	0.23	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,1-Dichloropropylene	BRL	ug/kg dry	2.3	0.24	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,2,3-Trichlorobenzene	BRL	ug/kg dry	4.5	0.44	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,2,3-Trichloropropane	BRL	ug/kg dry	2.3	0.25	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,2,4-Trichlorobenzene	BRL	ug/kg dry	4.5	0.48	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,2,4-Trimethylbenzene	BRL	ug/kg dry	4.5	0.45	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,2-Dibromo-3-chloropropane	BRL	ug/kg dry	2.3	0.30	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,2-Dibromoethane	BRL	ug/kg dry	2.3	0.29	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,2-Dichlorobenzene	BRL	ug/kg dry	4.5	0.35	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,2-Dichloroethane	BRL	ug/kg dry	2.3	0.23	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,2-Dichloropropane	BRL	ug/kg dry	2.3	0.24	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,3,5-Trimethylbenzene	BRL	ug/kg dry	4.5	0.34	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,3-Dichlorobenzene	BRL	ug/kg dry	4.5	0.40	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,3-Dichloropropane	BRL	ug/kg dry	2.3	0.22	1	*8260B	3/2/11 4:04	KLA	P1C0032
1,4-Dichlorobenzene	BRL	ug/kg dry	4.5	0.38	1	*8260B	3/2/11 4:04	KLA	P1C0032
2,2-Dichloropropane	BRL	ug/kg dry	2.3	0.39	1	*8260B	3/2/11 4:04	KLA	P1C0032
2-Chloroethyl Vinyl Ether	BRL	ug/kg dry	4.5	0.26	1	*8260B	3/2/11 4:04	KLA	P1C0032
2-Chlorotoluene	BRL	ug/kg dry	4.5	0.34	1	*8260B	3/2/11 4:04	KLA	P1C0032
4-Chlorotoluene	BRL	ug/kg dry	4.5	0.40	1	*8260B	3/2/11 4:04	KLA	P1C0032
4-Isopropyltoluene	BRL	ug/kg dry	6.8	0.44	1	*8260B	3/2/11 4:04	KLA	P1C0032
Acetone	**27**	**ug/kg dry**	**9.1**	**3.4**	**1**	***8260B**	**3/2/11 4:04**	**KLA**	**P1C0032**
Acrolein	BRL	ug/kg dry	45	0.36	1	*8260B	3/2/11 4:04	KLA	P1C0032
Acrylonitrile	BRL	ug/kg dry	45	0.59	1	*8260B	3/2/11 4:04	KLA	P1C0032
Benzene	BRL	ug/kg dry	1.4	0.22	1	*8260B	3/2/11 4:04	KLA	P1C0032
Bromobenzene	BRL	ug/kg dry	2.3	0.33	1	*8260B	3/2/11 4:04	KLA	P1C0032
Bromochloromethane	BRL	ug/kg dry	2.3	0.21	1	*8260B	3/2/11 4:04	KLA	P1C0032
Bromodichloromethane	BRL	ug/kg dry	2.3	0.22	1	*8260B	3/2/11 4:04	KLA	P1C0032
Bromoform	BRL	ug/kg dry	2.3	0.23	1	*8260B	3/2/11 4:04	KLA	P1C0032
Bromomethane	BRL	ug/kg dry	4.5	0.28	1	*8260B	3/2/11 4:04	KLA	P1C0032
Carbon disulfide	BRL	ug/kg dry	4.5	0.29	1	*8260B	3/2/11 4:04	KLA	P1C0032
Carbon Tetrachloride	BRL	ug/kg dry	2.3	0.23	1	*8260B	3/2/11 4:04	KLA	P1C0032
Chlorobenzene	BRL	ug/kg dry	2.3	0.33	1	*8260B	3/2/11 4:04	KLA	P1C0032
Chloroethane	BRL	ug/kg dry	4.5	0.29	1	*8260B	3/2/11 4:04	KLA	P1C0032
Chloroform	BRL	ug/kg dry	2.3	0.27	1	*8260B	3/2/11 4:04	KLA	P1C0032

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Solid

Client Sample ID: DSB-20 (1-2)
Prism Sample ID: 1020650-01
Prism Work Order: 1020650
Time Collected: 02/21/11 14:20
Time Submitted: 02/23/11 13:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chloromethane	BRL	ug/kg dry	4.5	0.24	1	*8260B	3/2/11 4:04	KLA	P1C0032
cis-1,2-Dichloroethylene	BRL	ug/kg dry	2.3	0.24	1	*8260B	3/2/11 4:04	KLA	P1C0032
cis-1,3-Dichloropropylene	BRL	ug/kg dry	2.3	0.24	1	*8260B	3/2/11 4:04	KLA	P1C0032
Dibromochloromethane	BRL	ug/kg dry	2.3	0.25	1	*8260B	3/2/11 4:04	KLA	P1C0032
Dibromomethane	BRL	ug/kg dry	2.3	0.22	1	*8260B	3/2/11 4:04	KLA	P1C0032
Dichlorodifluoromethane	BRL	ug/kg dry	4.5	0.27	1	*8260B	3/2/11 4:04	KLA	P1C0032
Ethylbenzene	BRL	ug/kg dry	2.3	0.32	1	*8260B	3/2/11 4:04	KLA	P1C0032
Hexachlorobutadiene	BRL	ug/kg dry	6.8	0.44	1	*8260B	3/2/11 4:04	KLA	P1C0032
Isopropyl Ether	BRL	ug/kg dry	2.3	0.22	1	*8260B	3/2/11 4:04	KLA	P1C0032
Isopropylbenzene (Cumene)	BRL	ug/kg dry	4.5	0.34	1	*8260B	3/2/11 4:04	KLA	P1C0032
m,p-Xylenes	BRL	ug/kg dry	4.5	0.62	1	*8260B	3/2/11 4:04	KLA	P1C0032
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/kg dry	23	1.3	1	*8260B	3/2/11 4:04	KLA	P1C0032
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/kg dry	9.1	2.1	1	*8260B	3/2/11 4:04	KLA	P1C0032
Methyl Isobutyl Ketone	BRL	ug/kg dry	4.5	0.44	1	*8260B	3/2/11 4:04	KLA	P1C0032
Methylene Chloride	BRL	ug/kg dry	4.5	0.19	1	*8260B	3/2/11 4:04	KLA	P1C0032
Methyl-tert-Butyl Ether	BRL	ug/kg dry	2.3	0.16	1	*8260B	3/2/11 4:04	KLA	P1C0032
Naphthalene	BRL	ug/kg dry	2.3	0.44	1	*8260B	3/2/11 4:04	KLA	P1C0032
n-Butylbenzene	BRL	ug/kg dry	6.8	0.40	1	*8260B	3/2/11 4:04	KLA	P1C0032
n-Propylbenzene	BRL	ug/kg dry	4.5	0.37	1	*8260B	3/2/11 4:04	KLA	P1C0032
o-Xylene	BRL	ug/kg dry	2.3	0.31	1	*8260B	3/2/11 4:04	KLA	P1C0032
sec-Butylbenzene	BRL	ug/kg dry	6.8	0.43	1	*8260B	3/2/11 4:04	KLA	P1C0032
Styrene	BRL	ug/kg dry	2.3	0.36	1	*8260B	3/2/11 4:04	KLA	P1C0032
tert-Butylbenzene	BRL	ug/kg dry	9.1	0.37	1	*8260B	3/2/11 4:04	KLA	P1C0032
Tetrachloroethylene	BRL	ug/kg dry	4.5	0.33	1	*8260B	3/2/11 4:04	KLA	P1C0032
Toluene	BRL	ug/kg dry	2.3	0.29	1	*8260B	3/2/11 4:04	KLA	P1C0032
trans-1,2-Dichloroethylene	BRL	ug/kg dry	2.3	0.34	1	*8260B	3/2/11 4:04	KLA	P1C0032
trans-1,3-Dichloropropylene	BRL	ug/kg dry	2.3	0.24	1	*8260B	3/2/11 4:04	KLA	P1C0032
Trichloroethylene	BRL	ug/kg dry	2.3	0.23	1	*8260B	3/2/11 4:04	KLA	P1C0032
Trichlorofluoromethane	BRL	ug/kg dry	2.3	0.26	1	*8260B	3/2/11 4:04	KLA	P1C0032
Vinyl acetate	BRL	ug/kg dry	4.5	0.33	1	*8260B	3/2/11 4:04	KLA	P1C0032
Vinyl chloride	BRL	ug/kg dry	4.5	0.26	1	*8260B	3/2/11 4:04	KLA	P1C0032

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*100 %*	*70-130*
Dibromofluoromethane	*105 %*	*84-123*
Toluene-d8	*99 %*	*76-129*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Solid

Client Sample ID: DSB-21 (2-3')
Prism Sample ID: 1020650-02
Prism Work Order: 1020650
Time Collected: 02/21/11 13:05
Time Submitted: 02/23/11 13:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**87.6**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/25/11 15:45**	**JAB**	**P1B0626**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/kg dry	4.8	0.64	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,1,1-Trichloroethane	BRL	ug/kg dry	4.8	0.68	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,1,2,2-Tetrachloroethane	BRL	ug/kg dry	4.8	0.61	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,1,2-Trichloroethane	BRL	ug/kg dry	4.8	0.59	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,1-Dichloroethane	BRL	ug/kg dry	4.8	0.45	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,1-Dichloroethylene	BRL	ug/kg dry	4.8	0.49	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,1-Dichloropropylene	BRL	ug/kg dry	4.8	0.50	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,2,3-Trichlorobenzene	BRL	ug/kg dry	9.6	0.92	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,2,3-Trichloropropane	BRL	ug/kg dry	4.8	0.53	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,2,4-Trichlorobenzene	BRL	ug/kg dry	9.6	1.0	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,2,4-Trimethylbenzene	BRL	ug/kg dry	9.6	0.94	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,2-Dibromo-3-chloropropane	BRL	ug/kg dry	4.8	0.64	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,2-Dibromoethane	BRL	ug/kg dry	4.8	0.61	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,2-Dichlorobenzene	BRL	ug/kg dry	9.6	0.74	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,2-Dichloroethane	BRL	ug/kg dry	4.8	0.48	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,2-Dichloropropane	BRL	ug/kg dry	4.8	0.51	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,3,5-Trimethylbenzene	BRL	ug/kg dry	9.6	0.73	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,3-Dichlorobenzene	BRL	ug/kg dry	9.6	0.84	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,3-Dichloropropane	BRL	ug/kg dry	4.8	0.46	1	*8260B	2/28/11 20:05	KLA	P1B0620
1,4-Dichlorobenzene	BRL	ug/kg dry	9.6	0.81	1	*8260B	2/28/11 20:05	KLA	P1B0620
2,2-Dichloropropane	BRL	ug/kg dry	4.8	0.81	1	*8260B	2/28/11 20:05	KLA	P1B0620
2-Chloroethyl Vinyl Ether	BRL	ug/kg dry	9.6	0.55	1	*8260B	2/28/11 20:05	KLA	P1B0620
2-Chlorotoluene	BRL	ug/kg dry	9.6	0.71	1	*8260B	2/28/11 20:05	KLA	P1B0620
4-Chlorotoluene	BRL	ug/kg dry	9.6	0.85	1	*8260B	2/28/11 20:05	KLA	P1B0620
4-Isopropyltoluene	BRL	ug/kg dry	14	0.94	1	*8260B	2/28/11 20:05	KLA	P1B0620
Acetone	**46**	**ug/kg dry**	**19**	**7.2**	**1**	***8260B**	**2/28/11 20:05**	**KLA**	**P1B0620**
Acrolein	BRL	ug/kg dry	96	0.76	1	*8260B	2/28/11 20:05	KLA	P1B0620
Acrylonitrile	BRL	ug/kg dry	96	1.2	1	*8260B	2/28/11 20:05	KLA	P1B0620
Benzene	BRL	ug/kg dry	2.9	0.46	1	*8260B	2/28/11 20:05	KLA	P1B0620
Bromobenzene	BRL	ug/kg dry	4.8	0.69	1	*8260B	2/28/11 20:05	KLA	P1B0620
Bromochloromethane	BRL	ug/kg dry	4.8	0.45	1	*8260B	2/28/11 20:05	KLA	P1B0620
Bromodichloromethane	BRL	ug/kg dry	4.8	0.47	1	*8260B	2/28/11 20:05	KLA	P1B0620
Bromoform	BRL	ug/kg dry	4.8	0.50	1	*8260B	2/28/11 20:05	KLA	P1B0620
Bromomethane	BRL	ug/kg dry	9.6	0.60	1	*8260B	2/28/11 20:05	KLA	P1B0620
Carbon disulfide	BRL	ug/kg dry	9.6	0.61	1	*8260B	2/28/11 20:05	KLA	P1B0620
Carbon Tetrachloride	BRL	ug/kg dry	4.8	0.48	1	*8260B	2/28/11 20:05	KLA	P1B0620
Chlorobenzene	BRL	ug/kg dry	4.8	0.70	1	*8260B	2/28/11 20:05	KLA	P1B0620
Chloroethane	BRL	ug/kg dry	9.6	0.60	1	*8260B	2/28/11 20:05	KLA	P1B0620
Chloroform	BRL	ug/kg dry	4.8	0.58	1	*8260B	2/28/11 20:05	KLA	P1B0620

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Solid

Client Sample ID: DSB-21 (2-3')
Prism Sample ID: 1020650-02
Prism Work Order: 1020650
Time Collected: 02/21/11 13:05
Time Submitted: 02/23/11 13:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chloromethane	BRL	ug/kg dry	9.6	0.51	1	*8260B	2/28/11 20:05	KLA	P1B0620
cis-1,2-Dichloroethylene	BRL	ug/kg dry	4.8	0.51	1	*8260B	2/28/11 20:05	KLA	P1B0620
cis-1,3-Dichloropropylene	BRL	ug/kg dry	4.8	0.50	1	*8260B	2/28/11 20:05	KLA	P1B0620
Dibromochloromethane	BRL	ug/kg dry	4.8	0.52	1	*8260B	2/28/11 20:05	KLA	P1B0620
Dibromomethane	BRL	ug/kg dry	4.8	0.47	1	*8260B	2/28/11 20:05	KLA	P1B0620
Dichlorodifluoromethane	BRL	ug/kg dry	9.6	0.56	1	*8260B	2/28/11 20:05	KLA	P1B0620
Ethylbenzene	**6.0**	**ug/kg dry**	**4.8**	**0.68**	**1**	***8260B**	**2/28/11 20:05**	**KLA**	**P1B0620**
Hexachlorobutadiene	BRL	ug/kg dry	14	0.93	1	*8260B	2/28/11 20:05	KLA	P1B0620
Isopropyl Ether	BRL	ug/kg dry	4.8	0.46	1	*8260B	2/28/11 20:05	KLA	P1B0620
Isopropylbenzene (Cumene)	BRL	ug/kg dry	9.6	0.73	1	*8260B	2/28/11 20:05	KLA	P1B0620
m,p-Xylenes	BRL	ug/kg dry	9.6	1.3	1	*8260B	2/28/11 20:05	KLA	P1B0620
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/kg dry	48	2.8	1	*8260B	2/28/11 20:05	KLA	P1B0620
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/kg dry	19	4.5	1	*8260B	2/28/11 20:05	KLA	P1B0620
Methyl Isobutyl Ketone	BRL	ug/kg dry	9.6	0.92	1	*8260B	2/28/11 20:05	KLA	P1B0620
Methylene Chloride	BRL	ug/kg dry	9.6	0.40	1	*8260B	2/28/11 20:05	KLA	P1B0620
Methyl-tert-Butyl Ether	BRL	ug/kg dry	4.8	0.33	1	*8260B	2/28/11 20:05	KLA	P1B0620
Naphthalene	BRL	ug/kg dry	4.8	0.92	1	*8260B	2/28/11 20:05	KLA	P1B0620
n-Butylbenzene	BRL	ug/kg dry	14	0.85	1	*8260B	2/28/11 20:05	KLA	P1B0620
n-Propylbenzene	BRL	ug/kg dry	9.6	0.78	1	*8260B	2/28/11 20:05	KLA	P1B0620
o-Xylene	BRL	ug/kg dry	4.8	0.65	1	*8260B	2/28/11 20:05	KLA	P1B0620
sec-Butylbenzene	BRL	ug/kg dry	14	0.92	1	*8260B	2/28/11 20:05	KLA	P1B0620
Styrene	BRL	ug/kg dry	4.8	0.77	1	*8260B	2/28/11 20:05	KLA	P1B0620
tert-Butylbenzene	BRL	ug/kg dry	19	0.78	1	*8260B	2/28/11 20:05	KLA	P1B0620
Tetrachloroethylene	BRL	ug/kg dry	9.6	0.70	1	*8260B	2/28/11 20:05	KLA	P1B0620
Toluene	BRL	ug/kg dry	4.8	0.61	1	*8260B	2/28/11 20:05	KLA	P1B0620
trans-1,2-Dichloroethylene	BRL	ug/kg dry	4.8	0.71	1	*8260B	2/28/11 20:05	KLA	P1B0620
trans-1,3-Dichloropropylene	BRL	ug/kg dry	4.8	0.50	1	*8260B	2/28/11 20:05	KLA	P1B0620
Trichloroethylene	BRL	ug/kg dry	4.8	0.49	1	*8260B	2/28/11 20:05	KLA	P1B0620
Trichlorofluoromethane	BRL	ug/kg dry	4.8	0.54	1	*8260B	2/28/11 20:05	KLA	P1B0620
Vinyl acetate	BRL	ug/kg dry	9.6	0.70	1	*8260B	2/28/11 20:05	KLA	P1B0620
Vinyl chloride	BRL	ug/kg dry	9.6	0.55	1	*8260B	2/28/11 20:05	KLA	P1B0620

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*101 %*	*70-130*
Dibromofluoromethane	*104 %*	*84-123*
Toluene-d8	*95 %*	*76-129*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Solid

Client Sample ID: DSB-22 (5-6')
Prism Sample ID: 1020650-03
Prism Work Order: 1020650
Time Collected: 02/21/11 14:55
Time Submitted: 02/23/11 13:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
General Chemistry Parameters									
% Solids	**89.3**	**% by Weight**	**0.100**	**0.100**	**1**	***SM2540 G**	**2/25/11 15:45**	**JAB**	**P1B0626**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/kg dry	4.4	0.59	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,1,1-Trichloroethane	BRL	ug/kg dry	4.4	0.62	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,1,2,2-Tetrachloroethane	BRL	ug/kg dry	4.4	0.56	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,1,2-Trichloroethane	BRL	ug/kg dry	4.4	0.54	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,1-Dichloroethane	BRL	ug/kg dry	4.4	0.41	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,1-Dichloroethylene	BRL	ug/kg dry	4.4	0.45	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,1-Dichloropropylene	BRL	ug/kg dry	4.4	0.46	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,2,3-Trichlorobenzene	BRL	ug/kg dry	8.8	0.84	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,2,3-Trichloropropane	BRL	ug/kg dry	4.4	0.48	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,2,4-Trichlorobenzene	BRL	ug/kg dry	8.8	0.93	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,2,4-Trimethylbenzene	BRL	ug/kg dry	8.8	0.87	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,2-Dibromo-3-chloropropane	BRL	ug/kg dry	4.4	0.58	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,2-Dibromoethane	BRL	ug/kg dry	4.4	0.56	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,2-Dichlorobenzene	BRL	ug/kg dry	8.8	0.68	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,2-Dichloroethane	BRL	ug/kg dry	4.4	0.44	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,2-Dichloropropane	BRL	ug/kg dry	4.4	0.46	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,3,5-Trimethylbenzene	BRL	ug/kg dry	8.8	0.67	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,3-Dichlorobenzene	BRL	ug/kg dry	8.8	0.77	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,3-Dichloropropane	BRL	ug/kg dry	4.4	0.42	1	*8260B	2/28/11 20:37	KLA	P1B0620
1,4-Dichlorobenzene	BRL	ug/kg dry	8.8	0.74	1	*8260B	2/28/11 20:37	KLA	P1B0620
2,2-Dichloropropane	BRL	ug/kg dry	4.4	0.75	1	*8260B	2/28/11 20:37	KLA	P1B0620
2-Chloroethyl Vinyl Ether	BRL	ug/kg dry	8.8	0.50	1	*8260B	2/28/11 20:37	KLA	P1B0620
2-Chlorotoluene	BRL	ug/kg dry	8.8	0.65	1	*8260B	2/28/11 20:37	KLA	P1B0620
4-Chlorotoluene	BRL	ug/kg dry	8.8	0.78	1	*8260B	2/28/11 20:37	KLA	P1B0620
4-Isopropyltoluene	BRL	ug/kg dry	13	0.86	1	*8260B	2/28/11 20:37	KLA	P1B0620
Acetone	BRL	ug/kg dry	18	6.6	1	*8260B	2/28/11 20:37	KLA	P1B0620
Acrolein	BRL	ug/kg dry	88	0.69	1	*8260B	2/28/11 20:37	KLA	P1B0620
Acrylonitrile	BRL	ug/kg dry	88	1.1	1	*8260B	2/28/11 20:37	KLA	P1B0620
Benzene	BRL	ug/kg dry	2.6	0.43	1	*8260B	2/28/11 20:37	KLA	P1B0620
Bromobenzene	BRL	ug/kg dry	4.4	0.63	1	*8260B	2/28/11 20:37	KLA	P1B0620
Bromochloromethane	BRL	ug/kg dry	4.4	0.41	1	*8260B	2/28/11 20:37	KLA	P1B0620
Bromodichloromethane	BRL	ug/kg dry	4.4	0.43	1	*8260B	2/28/11 20:37	KLA	P1B0620
Bromoform	BRL	ug/kg dry	4.4	0.46	1	*8260B	2/28/11 20:37	KLA	P1B0620
Bromomethane	BRL	ug/kg dry	8.8	0.55	1	*8260B	2/28/11 20:37	KLA	P1B0620
Carbon disulfide	BRL	ug/kg dry	8.8	0.56	1	*8260B	2/28/11 20:37	KLA	P1B0620
Carbon Tetrachloride	BRL	ug/kg dry	4.4	0.44	1	*8260B	2/28/11 20:37	KLA	P1B0620
Chlorobenzene	BRL	ug/kg dry	4.4	0.64	1	*8260B	2/28/11 20:37	KLA	P1B0620
Chloroethane	BRL	ug/kg dry	8.8	0.55	1	*8260B	2/28/11 20:37	KLA	P1B0620
Chloroform	BRL	ug/kg dry	4.4	0.53	1	*8260B	2/28/11 20:37	KLA	P1B0620

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Solid

Client Sample ID: DSB-22 (5-6')
Prism Sample ID: 1020650-03
Prism Work Order: 1020650
Time Collected: 02/21/11 14:55
Time Submitted: 02/23/11 13:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chloromethane	BRL	ug/kg dry	8.8	0.46	1	*8260B	2/28/11 20:37	KLA	P1B0620
cis-1,2-Dichloroethylene	BRL	ug/kg dry	4.4	0.46	1	*8260B	2/28/11 20:37	KLA	P1B0620
cis-1,3-Dichloropropylene	BRL	ug/kg dry	4.4	0.46	1	*8260B	2/28/11 20:37	KLA	P1B0620
Dibromochloromethane	BRL	ug/kg dry	4.4	0.48	1	*8260B	2/28/11 20:37	KLA	P1B0620
Dibromomethane	BRL	ug/kg dry	4.4	0.43	1	*8260B	2/28/11 20:37	KLA	P1B0620
Dichlorodifluoromethane	BRL	ug/kg dry	8.8	0.51	1	*8260B	2/28/11 20:37	KLA	P1B0620
Ethylbenzene	BRL	ug/kg dry	4.4	0.62	1	*8260B	2/28/11 20:37	KLA	P1B0620
Hexachlorobutadiene	BRL	ug/kg dry	13	0.85	1	*8260B	2/28/11 20:37	KLA	P1B0620
Isopropyl Ether	BRL	ug/kg dry	4.4	0.42	1	*8260B	2/28/11 20:37	KLA	P1B0620
Isopropylbenzene (Cumene)	BRL	ug/kg dry	8.8	0.67	1	*8260B	2/28/11 20:37	KLA	P1B0620
m,p-Xylenes	BRL	ug/kg dry	8.8	1.2	1	*8260B	2/28/11 20:37	KLA	P1B0620
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/kg dry	44	2.5	1	*8260B	2/28/11 20:37	KLA	P1B0620
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/kg dry	18	4.2	1	*8260B	2/28/11 20:37	KLA	P1B0620
Methyl Isobutyl Ketone	BRL	ug/kg dry	8.8	0.85	1	*8260B	2/28/11 20:37	KLA	P1B0620
Methylene Chloride	BRL	ug/kg dry	8.8	0.37	1	*8260B	2/28/11 20:37	KLA	P1B0620
Methyl-tert-Butyl Ether	BRL	ug/kg dry	4.4	0.30	1	*8260B	2/28/11 20:37	KLA	P1B0620
Naphthalene	BRL	ug/kg dry	4.4	0.85	1	*8260B	2/28/11 20:37	KLA	P1B0620
n-Butylbenzene	BRL	ug/kg dry	13	0.78	1	*8260B	2/28/11 20:37	KLA	P1B0620
n-Propylbenzene	BRL	ug/kg dry	8.8	0.71	1	*8260B	2/28/11 20:37	KLA	P1B0620
o-Xylene	BRL	ug/kg dry	4.4	0.59	1	*8260B	2/28/11 20:37	KLA	P1B0620
sec-Butylbenzene	BRL	ug/kg dry	13	0.84	1	*8260B	2/28/11 20:37	KLA	P1B0620
Styrene	BRL	ug/kg dry	4.4	0.70	1	*8260B	2/28/11 20:37	KLA	P1B0620
tert-Butylbenzene	BRL	ug/kg dry	18	0.71	1	*8260B	2/28/11 20:37	KLA	P1B0620
Tetrachloroethylene	BRL	ug/kg dry	8.8	0.64	1	*8260B	2/28/11 20:37	KLA	P1B0620
Toluene	BRL	ug/kg dry	4.4	0.56	1	*8260B	2/28/11 20:37	KLA	P1B0620
trans-1,2-Dichloroethylene	BRL	ug/kg dry	4.4	0.65	1	*8260B	2/28/11 20:37	KLA	P1B0620
trans-1,3-Dichloropropylene	BRL	ug/kg dry	4.4	0.46	1	*8260B	2/28/11 20:37	KLA	P1B0620
Trichloroethylene	BRL	ug/kg dry	4.4	0.45	1	*8260B	2/28/11 20:37	KLA	P1B0620
Trichlorofluoromethane	BRL	ug/kg dry	4.4	0.50	1	*8260B	2/28/11 20:37	KLA	P1B0620
Vinyl acetate	BRL	ug/kg dry	8.8	0.64	1	*8260B	2/28/11 20:37	KLA	P1B0620
Vinyl chloride	BRL	ug/kg dry	8.8	0.51	1	*8260B	2/28/11 20:37	KLA	P1B0620

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*98 %*	*70-130*
Dibromofluoromethane	*105 %*	*84-123*
Toluene-d8	*94 %*	*76-129*

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TRIP BLANK
Prism Sample ID: 1020650-04
Prism Work Order: 1020650
Time Collected: 02/21/11 00:00
Time Submitted: 02/23/11 13:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	1.0	0.15	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,1,1-Trichloroethane	BRL	ug/L	1.0	0.063	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,1,2,2-Tetrachloroethane	BRL	ug/L	1.0	0.071	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,1,2-Trichloroethane	BRL	ug/L	1.0	0.17	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,1-Dichloroethane	BRL	ug/L	1.0	0.096	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,1-Dichloroethylene	BRL	ug/L	1.0	0.078	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,1-Dichloropropylene	BRL	ug/L	1.0	0.061	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,2,4-Trimethylbenzene	BRL	ug/L	1.0	0.048	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,2-Dibromoethane	BRL	ug/L	1.0	0.14	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,2-Dichlorobenzene	BRL	ug/L	1.0	0.076	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,2-Dichloroethane	BRL	ug/L	1.0	0.14	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,2-Dichloropropane	BRL	ug/L	1.0	0.13	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,3,5-Trimethylbenzene	BRL	ug/L	1.0	0.057	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,3-Dichlorobenzene	BRL	ug/L	1.0	0.074	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,3-Dichloropropane	BRL	ug/L	1.0	0.11	1	*8260B	3/1/11 17:34	LMW	P1C0018
1,4-Dichlorobenzene	BRL	ug/L	1.0	0.068	1	*8260B	3/1/11 17:34	LMW	P1C0018
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/1/11 17:34	LMW	P1C0018
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/1/11 17:34	LMW	P1C0018
2-Chlorotoluene	BRL	ug/L	1.0	0.038	1	*8260B	3/1/11 17:34	LMW	P1C0018
4-Chlorotoluene	BRL	ug/L	1.0	0.053	1	*8260B	3/1/11 17:34	LMW	P1C0018
4-Isopropyltoluene	BRL	ug/L	1.0	0.065	1	*8260B	3/1/11 17:34	LMW	P1C0018
Acetone	BRL	ug/L	10	0.62	1	*8260B	3/1/11 17:34	LMW	P1C0018
Acrolein	BRL	ug/L	100	1.1	1	*8260B	3/1/11 17:34	LMW	P1C0018
Acrylonitrile	BRL	ug/L	100	0.86	1	*8260B	3/1/11 17:34	LMW	P1C0018
Benzene	BRL	ug/L	1.0	0.072	1	*8260B	3/1/11 17:34	LMW	P1C0018
Bromobenzene	BRL	ug/L	1.0	0.064	1	*8260B	3/1/11 17:34	LMW	P1C0018
Bromochloromethane	BRL	ug/L	1.0	0.13	1	*8260B	3/1/11 17:34	LMW	P1C0018
Bromodichloromethane	BRL	ug/L	1.0	0.062	1	*8260B	3/1/11 17:34	LMW	P1C0018
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/1/11 17:34	LMW	P1C0018
Bromomethane	BRL	ug/L	3.0	0.47	1	*8260B	3/1/11 17:34	LMW	P1C0018
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/1/11 17:34	LMW	P1C0018
Carbon Tetrachloride	BRL	ug/L	2.0	0.12	1	*8260B	3/1/11 17:34	LMW	P1C0018
Chlorobenzene	BRL	ug/L	1.0	0.061	1	*8260B	3/1/11 17:34	LMW	P1C0018
Chloroethane	BRL	ug/L	5.0	0.13	1	*8260B	3/1/11 17:34	LMW	P1C0018
Chloroform	BRL	ug/L	1.0	0.089	1	*8260B	3/1/11 17:34	LMW	P1C0018
Chloromethane	BRL	ug/L	2.0	0.11	1	*8260B	3/1/11 17:34	LMW	P1C0018
cis-1,2-Dichloroethylene	BRL	ug/L	1.0	0.076	1	*8260B	3/1/11 17:34	LMW	P1C0018
cis-1,3-Dichloropropylene	BRL	ug/L	1.0	0.10	1	*8260B	3/1/11 17:34	LMW	P1C0018

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TRIP BLANK
Prism Sample ID: 1020650-04
Prism Work Order: 1020650
Time Collected: 02/21/11 00:00
Time Submitted: 02/23/11 13:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	1.0	0.30	1	*8260B	3/1/11 17:34	LMW	P1C0018
Dibromomethane	BRL	ug/L	1.0	0.13	1	*8260B	3/1/11 17:34	LMW	P1C0018
Dichlorodifluoromethane	BRL	ug/L	2.0	0.11	1	*8260B	3/1/11 17:34	LMW	P1C0018
Ethylbenzene	BRL	ug/L	1.0	0.067	1	*8260B	3/1/11 17:34	LMW	P1C0018
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/1/11 17:34	LMW	P1C0018
Isopropyl Ether	BRL	ug/L	1.0	0.043	1	*8260B	3/1/11 17:34	LMW	P1C0018
Isopropylbenzene (Cumene)	BRL	ug/L	1.0	0.072	1	*8260B	3/1/11 17:34	LMW	P1C0018
m,p-Xylenes	BRL	ug/L	2.0	0.081	1	*8260B	3/1/11 17:34	LMW	P1C0018
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/1/11 17:34	LMW	P1C0018
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/1/11 17:34	LMW	P1C0018
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/1/11 17:34	LMW	P1C0018
Methylene Chloride	BRL	ug/L	2.0	0.44	1	*8260B	3/1/11 17:34	LMW	P1C0018
Methyl-tert-Butyl Ether	BRL	ug/L	1.0	0.070	1	*8260B	3/1/11 17:34	LMW	P1C0018
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/1/11 17:34	LMW	P1C0018
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/1/11 17:34	LMW	P1C0018
n-Propylbenzene	BRL	ug/L	1.0	0.060	1	*8260B	3/1/11 17:34	LMW	P1C0018
o-Xylene	BRL	ug/L	1.0	0.046	1	*8260B	3/1/11 17:34	LMW	P1C0018
sec-Butylbenzene	BRL	ug/L	1.0	0.087	1	*8260B	3/1/11 17:34	LMW	P1C0018
Styrene	BRL	ug/L	1.0	0.047	1	*8260B	3/1/11 17:34	LMW	P1C0018
tert-Butylbenzene	BRL	ug/L	1.0	0.080	1	*8260B	3/1/11 17:34	LMW	P1C0018
Tetrachloroethylene	BRL	ug/L	1.0	0.069	1	*8260B	3/1/11 17:34	LMW	P1C0018
Toluene	BRL	ug/L	1.0	0.042	1	*8260B	3/1/11 17:34	LMW	P1C0018
trans-1,2-Dichloroethylene	BRL	ug/L	2.0	0.12	1	*8260B	3/1/11 17:34	LMW	P1C0018
trans-1,3-Dichloropropylene	BRL	ug/L	1.0	0.043	1	*8260B	3/1/11 17:34	LMW	P1C0018
Trichloroethylene	BRL	ug/L	2.0	0.054	1	*8260B	3/1/11 17:34	LMW	P1C0018
Trichlorofluoromethane	BRL	ug/L	2.0	0.088	1	*8260B	3/1/11 17:34	LMW	P1C0018
Vinyl acetate	BRL	ug/L	20	0.10	1	*8260B	3/1/11 17:34	LMW	P1C0018
Vinyl chloride	BRL	ug/L	2.0	0.16	1	*8260B	3/1/11 17:34	LMW	P1C0018

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*91 %*	*80-124*
Dibromofluoromethane	*97 %*	*75-129*
Toluene-d8	*89 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1020650
Time Submitted: 2/23/11 1:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1B0620 - 5035										
Blank (P1B0620-BLK1)				Prepared & Analyzed: 02/28/11						
1,1,1,2-Tetrachloroethane	BRL	5.0	ug/kg wet							
1,1,1-Trichloroethane	BRL	5.0	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	5.0	ug/kg wet							
1,1,2-Trichloroethane	BRL	5.0	ug/kg wet							
1,1-Dichloroethane	BRL	5.0	ug/kg wet							
1,1-Dichloroethylene	BRL	5.0	ug/kg wet							
1,1-Dichloropropylene	BRL	5.0	ug/kg wet							
1,2,3-Trichlorobenzene	BRL	10	ug/kg wet							
1,2,3-Trichloropropane	BRL	5.0	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	10	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	10	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	5.0	ug/kg wet							
1,2-Dibromoethane	BRL	5.0	ug/kg wet							
1,2-Dichlorobenzene	BRL	10	ug/kg wet							
1,2-Dichloroethane	BRL	5.0	ug/kg wet							
1,2-Dichloropropane	BRL	5.0	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	10	ug/kg wet							
1,3-Dichlorobenzene	BRL	10	ug/kg wet							
1,3-Dichloropropane	BRL	5.0	ug/kg wet							
1,4-Dichlorobenzene	BRL	10	ug/kg wet							
2,2-Dichloropropane	BRL	5.0	ug/kg wet							
2-Chloroethyl Vinyl Ether	BRL	10	ug/kg wet							
2-Chlorotoluene	BRL	10	ug/kg wet							
4-Chlorotoluene	BRL	10	ug/kg wet							
4-Isopropyltoluene	BRL	15	ug/kg wet							
Acetone	BRL	20	ug/kg wet							
Acrolein	BRL	100	ug/kg wet							
Acrylonitrile	BRL	100	ug/kg wet							
Benzene	BRL	3.0	ug/kg wet							
Bromobenzene	BRL	5.0	ug/kg wet							
Bromochloromethane	BRL	5.0	ug/kg wet							
Bromodichloromethane	BRL	5.0	ug/kg wet							
Bromoform	BRL	5.0	ug/kg wet							
Bromomethane	BRL	10	ug/kg wet							
Carbon disulfide	BRL	10	ug/kg wet							
Carbon Tetrachloride	BRL	5.0	ug/kg wet							
Chlorobenzene	BRL	5.0	ug/kg wet							
Chloroethane	BRL	10	ug/kg wet							
Chloroform	BRL	5.0	ug/kg wet							
Chloromethane	BRL	10	ug/kg wet							
cis-1,2-Dichloroethylene	BRL	5.0	ug/kg wet							
cis-1,3-Dichloropropylene	BRL	5.0	ug/kg wet							
Dibromochloromethane	BRL	5.0	ug/kg wet							
Dibromomethane	BRL	5.0	ug/kg wet							
Dichlorodifluoromethane	BRL	10	ug/kg wet							
Ethylbenzene	BRL	5.0	ug/kg wet							

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Project: Trion, Inc. Facility

Prism Work Order: 1020650
Time Submitted: 2/23/11 1:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1B0620 - 5035										
Blank (P1B0620-BLK1)				Prepared & Analyzed: 02/28/11						
Hexachlorobutadiene	BRL	15	ug/kg wet							
Isopropyl Ether	BRL	5.0	ug/kg wet							
Isopropylbenzene (Cumene)	BRL	10	ug/kg wet							
m,p-Xylenes	BRL	10	ug/kg wet							
Methyl Butyl Ketone (2-Hexanone)	BRL	50	ug/kg wet							
Methyl Ethyl Ketone (2-Butanone)	BRL	20	ug/kg wet							
Methyl Isobutyl Ketone	BRL	10	ug/kg wet							
Methylene Chloride	BRL	10	ug/kg wet							
Methyl-tert-Butyl Ether	BRL	5.0	ug/kg wet							
Naphthalene	BRL	5.0	ug/kg wet							
n-Butylbenzene	BRL	15	ug/kg wet							
n-Propylbenzene	BRL	10	ug/kg wet							
o-Xylene	BRL	5.0	ug/kg wet							
sec-Butylbenzene	BRL	15	ug/kg wet							
Styrene	BRL	5.0	ug/kg wet							
tert-Butylbenzene	BRL	20	ug/kg wet							
Tetrachloroethylene	BRL	10	ug/kg wet							
Toluene	BRL	5.0	ug/kg wet							
trans-1,2-Dichloroethylene	BRL	5.0	ug/kg wet							
trans-1,3-Dichloropropylene	BRL	5.0	ug/kg wet							
Trichloroethylene	BRL	5.0	ug/kg wet							
Trichlorofluoromethane	BRL	5.0	ug/kg wet							
Vinyl acetate	BRL	10	ug/kg wet							
Vinyl chloride	BRL	10	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*49.3*		*ug/L*	*50.0*		*99*	*70-130*			
Surrogate: Dibromofluoromethane	*50.7*		*ug/L*	*50.0*		*101*	*84-123*			
Surrogate: Toluene-d8	*56.8*		*ug/L*	*50.0*		*114*	*76-129*			

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Prism Work Order: 1020650
Time Submitted: 2/23/11 1:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1B0620 - 5035										
LCS (P1B0620-BS1)				Prepared & Analyzed: 02/28/11						
1,1-Dichloroethylene	60.7	5.0	ug/kg wet	50.0		121	67-149			
Benzene	48.3	3.0	ug/kg wet	50.0		97	74-127			
Chlorobenzene	48.0	5.0	ug/kg wet	50.0		96	74-118			
Toluene	49.5	5.0	ug/kg wet	50.0		99	71-129			
Trichloroethylene	50.4	5.0	ug/kg wet	50.0		101	75-133			
Surrogate: 4-Bromofluorobenzene	*49.1*		*ug/L*	*50.0*		*98*	*70-130*			
Surrogate: Dibromofluoromethane	*49.3*		*ug/L*	*50.0*		*99*	*84-123*			
Surrogate: Toluene-d8	*46.7*		*ug/L*	*50.0*		*93*	*76-129*			
LCS Dup (P1B0620-BSD1)				Prepared & Analyzed: 02/28/11						
1,1-Dichloroethylene	47.5	5.0	ug/kg wet	50.0		95	67-149	24	200	
Benzene	49.5	3.0	ug/kg wet	50.0		99	74-127	2	200	
Chlorobenzene	48.7	5.0	ug/kg wet	50.0		97	74-118	1	200	
Toluene	49.9	5.0	ug/kg wet	50.0		100	71-129	0.8	200	
Trichloroethylene	49.7	5.0	ug/kg wet	50.0		99	75-133	1	200	
Surrogate: 4-Bromofluorobenzene	*48.8*		*ug/L*	*50.0*		*98*	*70-130*			
Surrogate: Dibromofluoromethane	*50.1*		*ug/L*	*50.0*		*100*	*84-123*			
Surrogate: Toluene-d8	*46.8*		*ug/L*	*50.0*		*94*	*76-129*			
Batch P1C0018 - 5030B										
Blank (P1C0018-BLK1)				Prepared & Analyzed: 03/01/11						
1,1,1,2-Tetrachloroethane	BRL	1.0	ug/L							
1,1,1-Trichloroethane	BRL	1.0	ug/L							
1,1,2,2-Tetrachloroethane	BRL	1.0	ug/L							
1,1,2-Trichloroethane	BRL	1.0	ug/L							
1,1-Dichloroethane	BRL	1.0	ug/L							
1,1-Dichloroethylene	BRL	1.0	ug/L							
1,1-Dichloropropylene	BRL	1.0	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	1.0	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	1.0	ug/L							
1,2-Dichlorobenzene	BRL	1.0	ug/L							
1,2-Dichloroethane	BRL	1.0	ug/L							
1,2-Dichloropropane	BRL	1.0	ug/L							
1,3,5-Trimethylbenzene	BRL	1.0	ug/L							
1,3-Dichlorobenzene	BRL	1.0	ug/L							
1,3-Dichloropropane	BRL	1.0	ug/L							
1,4-Dichlorobenzene	BRL	1.0	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	2.0	ug/L							
2-Chlorotoluene	BRL	1.0	ug/L							
4-Chlorotoluene	BRL	1.0	ug/L							
4-Isopropyltoluene	BRL	1.0	ug/L							
Acetone	BRL	10	ug/L							

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1020650
Time Submitted: 2/23/11 1:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C0018 - 5030B										
Blank (P1C0018-BLK1)				Prepared & Analyzed: 03/01/11						
Acrolein	BRL	100	ug/L							
Acrylonitrile	BRL	100	ug/L							
Benzene	BRL	1.0	ug/L							
Bromobenzene	BRL	1.0	ug/L							
Bromochloromethane	BRL	1.0	ug/L							
Bromodichloromethane	BRL	1.0	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	3.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	2.0	ug/L							
Chlorobenzene	BRL	1.0	ug/L							
Chloroethane	BRL	5.0	ug/L							
Chloroform	BRL	1.0	ug/L							
Chloromethane	BRL	2.0	ug/L							
cis-1,2-Dichloroethylene	BRL	1.0	ug/L							
cis-1,3-Dichloropropylene	BRL	1.0	ug/L							
Dibromochloromethane	BRL	1.0	ug/L							
Dibromomethane	BRL	1.0	ug/L							
Dichlorodifluoromethane	BRL	2.0	ug/L							
Ethylbenzene	BRL	1.0	ug/L							
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	1.0	ug/L							
Isopropylbenzene (Cumene)	BRL	1.0	ug/L							
m,p-Xylenes	BRL	2.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	2.0	ug/L							
Methyl-tert-Butyl Ether	BRL	1.0	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	1.0	ug/L							
o-Xylene	BRL	1.0	ug/L							
sec-Butylbenzene	BRL	1.0	ug/L							
Styrene	BRL	1.0	ug/L							
tert-Butylbenzene	BRL	1.0	ug/L							
Tetrachloroethylene	BRL	1.0	ug/L							
Toluene	BRL	1.0	ug/L							
trans-1,2-Dichloroethylene	BRL	2.0	ug/L							
trans-1,3-Dichloropropylene	BRL	1.0	ug/L							
Trichloroethylene	BRL	2.0	ug/L							
Trichlorofluoromethane	BRL	2.0	ug/L							
Vinyl acetate	BRL	20	ug/L							
Vinyl chloride	BRL	2.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*23.2*		*ug/L*	*25.0*		*93*	*80-124*			
Surrogate: Dibromofluoromethane	*24.7*		*ug/L*	*25.0*		*99*	*75-129*			

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Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1020650
Time Submitted: 2/23/11 1:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C0018 - 5030B										
Blank (P1C0018-BLK1)				Prepared & Analyzed: 03/01/11						
Surrogate: Toluene-d8	*22.2*		*ug/L*	*25.0*		*89*	*77-123*			
LCS (P1C0018-BS1)				Prepared & Analyzed: 03/01/11						
1,1-Dichloroethylene	65.5	1.0	ug/L	50.0		131	70-154			
Benzene	48.9	1.0	ug/L	50.0		98	77-128			
Chlorobenzene	48.3	1.0	ug/L	50.0		97	78-119			
Toluene	50.4	1.0	ug/L	50.0		101	76-131			
Trichloroethylene	49.3	2.0	ug/L	50.0		99	77-133			
Surrogate: 4-Bromofluorobenzene	*25.9*		*ug/L*	*25.0*		*104*	*80-124*			
Surrogate: Dibromofluoromethane	*24.2*		*ug/L*	*25.0*		*97*	*75-129*			
Surrogate: Toluene-d8	*24.4*		*ug/L*	*25.0*		*97*	*77-123*			
LCS Dup (P1C0018-BSD1)				Prepared & Analyzed: 03/01/11						
1,1-Dichloroethylene	62.1	1.0	ug/L	50.0		124	70-154	5	200	
Benzene	47.0	1.0	ug/L	50.0		94	77-128	4	200	
Chlorobenzene	46.7	1.0	ug/L	50.0		93	78-119	3	200	
Toluene	48.4	1.0	ug/L	50.0		97	76-131	4	200	
Trichloroethylene	47.9	2.0	ug/L	50.0		96	77-133	3	200	
Surrogate: 4-Bromofluorobenzene	*25.7*		*ug/L*	*25.0*		*103*	*80-124*			
Surrogate: Dibromofluoromethane	*24.6*		*ug/L*	*25.0*		*98*	*75-129*			
Surrogate: Toluene-d8	*24.6*		*ug/L*	*25.0*		*99*	*77-123*			
Batch P1C0032 - 5035										
Blank (P1C0032-BLK1)				Prepared: 03/01/11 Analyzed: 03/02/11						
1,1,1,2-Tetrachloroethane	BRL	5.0	ug/kg wet							
1,1,1-Trichloroethane	BRL	5.0	ug/kg wet							
1,1,2,2-Tetrachloroethane	BRL	5.0	ug/kg wet							
1,1,2-Trichloroethane	BRL	5.0	ug/kg wet							
1,1-Dichloroethane	BRL	5.0	ug/kg wet							
1,1-Dichloroethylene	BRL	5.0	ug/kg wet							
1,1-Dichloropropylene	BRL	5.0	ug/kg wet							
1,2,3-Trichlorobenzene	BRL	10	ug/kg wet							
1,2,3-Trichloropropane	BRL	5.0	ug/kg wet							
1,2,4-Trichlorobenzene	BRL	10	ug/kg wet							
1,2,4-Trimethylbenzene	BRL	10	ug/kg wet							
1,2-Dibromo-3-chloropropane	BRL	5.0	ug/kg wet							
1,2-Dibromoethane	BRL	5.0	ug/kg wet							
1,2-Dichlorobenzene	BRL	10	ug/kg wet							
1,2-Dichloroethane	BRL	5.0	ug/kg wet							
1,2-Dichloropropane	BRL	5.0	ug/kg wet							
1,3,5-Trimethylbenzene	BRL	10	ug/kg wet							
1,3-Dichlorobenzene	BRL	10	ug/kg wet							
1,3-Dichloropropane	BRL	5.0	ug/kg wet							
1,4-Dichlorobenzene	BRL	10	ug/kg wet							
2,2-Dichloropropane	BRL	5.0	ug/kg wet							
2-Chloroethyl Vinyl Ether	BRL	10	ug/kg wet							
2-Chlorotoluene	BRL	10	ug/kg wet							

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Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1020650
Time Submitted: 2/23/11 1:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C0032 - 5035										
Blank (P1C0032-BLK1)				Prepared: 03/01/11 Analyzed: 03/02/11						
4-Chlorotoluene	BRL	10	ug/kg wet							
4-Isopropyltoluene	BRL	15	ug/kg wet							
Acetone	BRL	20	ug/kg wet							
Acrolein	BRL	100	ug/kg wet							
Acrylonitrile	BRL	100	ug/kg wet							
Benzene	BRL	3.0	ug/kg wet							
Bromobenzene	BRL	5.0	ug/kg wet							
Bromochloromethane	BRL	5.0	ug/kg wet							
Bromodichloromethane	BRL	5.0	ug/kg wet							
Bromoform	BRL	5.0	ug/kg wet							
Bromomethane	BRL	10	ug/kg wet							
Carbon disulfide	BRL	10	ug/kg wet							
Carbon Tetrachloride	BRL	5.0	ug/kg wet							
Chlorobenzene	BRL	5.0	ug/kg wet							
Chloroethane	BRL	10	ug/kg wet							
Chloroform	BRL	5.0	ug/kg wet							
Chloromethane	BRL	10	ug/kg wet							
cis-1,2-Dichloroethylene	BRL	5.0	ug/kg wet							
cis-1,3-Dichloropropylene	BRL	5.0	ug/kg wet							
Dibromochloromethane	BRL	5.0	ug/kg wet							
Dibromomethane	BRL	5.0	ug/kg wet							
Dichlorodifluoromethane	BRL	10	ug/kg wet							
Ethylbenzene	BRL	5.0	ug/kg wet							
Hexachlorobutadiene	BRL	15	ug/kg wet							
Isopropyl Ether	BRL	5.0	ug/kg wet							
Isopropylbenzene (Cumene)	BRL	10	ug/kg wet							
m,p-Xylenes	BRL	10	ug/kg wet							
Methyl Butyl Ketone (2-Hexanone)	BRL	50	ug/kg wet							
Methyl Ethyl Ketone (2-Butanone)	BRL	20	ug/kg wet							
Methyl Isobutyl Ketone	BRL	10	ug/kg wet							
Methylene Chloride	BRL	10	ug/kg wet							
Methyl-tert-Butyl Ether	BRL	5.0	ug/kg wet							
Naphthalene	BRL	5.0	ug/kg wet							
n-Butylbenzene	BRL	15	ug/kg wet							
n-Propylbenzene	BRL	10	ug/kg wet							
o-Xylene	BRL	5.0	ug/kg wet							
sec-Butylbenzene	BRL	15	ug/kg wet							
Styrene	BRL	5.0	ug/kg wet							
tert-Butylbenzene	BRL	20	ug/kg wet							
Tetrachloroethylene	BRL	10	ug/kg wet							
Toluene	BRL	5.0	ug/kg wet							
trans-1,2-Dichloroethylene	BRL	5.0	ug/kg wet							
trans-1,3-Dichloropropylene	BRL	5.0	ug/kg wet							
Trichloroethylene	BRL	5.0	ug/kg wet							
Trichlorofluoromethane	BRL	5.0	ug/kg wet							
Vinyl acetate	BRL	10	ug/kg wet							

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1020650
Time Submitted: 2/23/11 1:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C0032 - 5035										
Blank (P1C0032-BLK1)				Prepared: 03/01/11		Analyzed: 03/02/11				
Vinyl chloride	BRL	10	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*50.6*		*ug/L*	*50.0*		*101*	*70-130*			
Surrogate: Dibromofluoromethane	*51.6*		*ug/L*	*50.0*		*103*	*84-123*			
Surrogate: Toluene-d8	*50.4*		*ug/L*	*50.0*		*101*	*76-129*			
LCS (P1C0032-BS1)				Prepared: 03/01/11		Analyzed: 03/02/11				
1,1-Dichloroethylene	50.8	5.0	ug/kg wet	50.0		102	67-149			
Benzene	46.6	3.0	ug/kg wet	50.0		93	74-127			
Chlorobenzene	44.8	5.0	ug/kg wet	50.0		90	74-118			
Toluene	46.2	5.0	ug/kg wet	50.0		92	71-129			
Trichloroethylene	46.5	5.0	ug/kg wet	50.0		93	75-133			
Surrogate: 4-Bromofluorobenzene	*48.8*		*ug/L*	*50.0*		*98*	*70-130*			
Surrogate: Dibromofluoromethane	*50.3*		*ug/L*	*50.0*		*101*	*84-123*			
Surrogate: Toluene-d8	*48.9*		*ug/L*	*50.0*		*98*	*76-129*			
LCS Dup (P1C0032-BSD1)				Prepared: 03/01/11		Analyzed: 03/02/11				
1,1-Dichloroethylene	49.4	5.0	ug/kg wet	50.0		99	67-149	3	200	
Benzene	47.1	3.0	ug/kg wet	50.0		94	74-127	1	200	
Chlorobenzene	45.5	5.0	ug/kg wet	50.0		91	74-118	1	200	
Toluene	45.9	5.0	ug/kg wet	50.0		92	71-129	0.6	200	
Trichloroethylene	46.8	5.0	ug/kg wet	50.0		94	75-133	0.6	200	
Surrogate: 4-Bromofluorobenzene	*48.0*		*ug/L*	*50.0*		*96*	*70-130*			
Surrogate: Dibromofluoromethane	*50.0*		*ug/L*	*50.0*		*100*	*84-123*			
Surrogate: Toluene-d8	*49.6*		*ug/L*	*50.0*		*99*	*76-129*			

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1020650
Time Submitted: 2/23/11 1:45:00PM

General Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1B0626 - NO PREP										
Blank (P1B0626-BLK1)				Prepared & Analyzed: 02/25/11						
% Solids	99.9	0.100	% by Weight							
Blank (P1B0626-BLKE)				Prepared & Analyzed: 02/25/11						
% Solids	BRL	0.100	% by Weight							

Sample Extraction Data

NO PREP

Lab Number	Batch	Initial	Final	Date
1020650-01	P1B0626	30 g	30 mL	02/25/11
1020650-02	P1B0626	30 g	30 mL	02/25/11
1020650-03	P1B0626	30 g	30 mL	02/25/11

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date
1020650-04	P1C0018	10 mL	10 mL	03/01/11

Prep Method: 5035

Lab Number	Batch	Initial	Final	Date
1020650-01	P1C0032	12.57 g	5 mL	03/01/11
1020650-02	P1B0620	5.94 g	5 mL	02/28/11
1020650-03	P1B0620	6.36 g	5 mL	02/28/11

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CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6364 • Fax: 704/525-0409

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING: _____

Client Company Name: Hart & Hickman
Report To/Contact Name: Leo Moretz, Timothy Klotz
Reporting Address: 3334 Hillsborough St. Raleigh, NC
Phone: 919-847-4241 Fax (Yes) (No): _____
Email (Yes) (No) Email Address lmoretz@hartthickman.com tklotz@hartthickman.com
EDD Type: PDF____ Excel____ Other_____
Site Location Name: Trion, Inc. Facility
Site Location Physical Address: Sanford, NC

Project Name: Trion, Inc. Facility
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: H&H
Address: same

Purchase Order No./Billing Reference BAI-001
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☑ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	X		
Received ON WET ICE? Temp 0.3	X		
PROPER PRESERVATIVES indicated?	X		
Received WITHIN HOLDING TIMES?	X		
CUSTODY SEALS INTACT?			X
VOLATILES rec'd W/OUT HEADSPACE?	X		
PROPER CONTAINERS used?	X		

2/24

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC____ USACE____ FL____ NC X
SC____ OTHER_____ N/A_____
Water Chlorinated: YES___ NO X
Sample Iced Upon Collection: YES X NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSES REQUESTED: VOCs by 8260						REMARKS	PRISM LAB ID NO.
DSB-20 (1-2)	2-21-11	1420	Soil	VOA	4	40mL	Sodium Bisul. Methanol	X							01
DSB-21 (2-3')	2-21-11	1305	Soil	VOA	4	40mL	↓	X							02
DSB-22 (5-6')	2-21-11	1455	Soil	VOA	4	40mL	↓	X							03
Trip Blank	—	—	water	VOA	2	40mL	HCl	X							04

Sampler's Signature [signature] Sampled By (Print Name) Timothy Klotz Affiliation H&H

PRESS DOWN FIRMLY - 3 COPIES

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
[signature]	Alex Lossite	02231	1000
Alex Lossite	[signature]	2-23-11	13:15
[signature]	[signature]	2-23-11	1345

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☑ Prism Field Service ☐ Other _____
COC Group No. 1020650

Additional Comments:

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
☐	☐	☐	☐	☐	☐	☐	☐	☐

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL

Case Narrative

03/16/2011

Hart & Hickman (Raleigh)
Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Lab Submittal Date: 03/03/2011
Prism Work Order: 1030119

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

President/Project Manager

Reviewed By

Data Qualifiers Key Reference:

BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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Sample Receipt Summary

03/16/2011

Prism Work Order: 1030119

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
TMW-1	1030119-01	Water	03/01/11	03/03/11
TMW-2	1030119-02	Water	03/02/11	03/03/11
TMW-3	1030119-03	Water	03/01/11	03/03/11
TMW-4	1030119-04	Water	03/02/11	03/03/11
MW-6	1030119-05	Water	03/02/11	03/03/11
MW-7	1030119-06	Water	03/02/11	03/03/11
MW-8	1030119-07	Water	03/01/11	03/03/11
MW-9	1030119-08	Water	03/02/11	03/03/11
MW-10	1030119-09	Water	03/01/11	03/03/11
MW-11	1030119-10	Water	03/01/11	03/03/11
MW-12	1030119-11	Water	03/01/11	03/03/11
MW-13	1030119-12	Water	03/02/11	03/03/11
MW-14	1030119-13	Water	03/02/11	03/03/11
MW-15	1030119-14	Water	03/02/11	03/03/11
MW-DUP	1030119-15	Water	03/02/11	03/03/11
TRIP BLANK	1030119-16	Water	03/02/11	03/03/11

Samples received in good condition at 1.2 degrees C unless otherwise noted.

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PRISM LABORATORIES, INC. Full-Service Analytical & Environmental Solutions

Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-1
Prism Sample ID: 1030119-01
Prism Work Order: 1030119
Time Collected: 03/01/11 09:00
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000018	1	*7470A	3/11/11 13:03	LTB	P1C0240
Antimony	BRL	mg/L	0.010	0.0012	1	*6010C	3/10/11 13:39	DWR	P1C0198
Arsenic	BRL	mg/L	0.010	0.0019	1	*6010C	3/10/11 13:39	DWR	P1C0198
Beryllium	BRL	mg/L	0.0020	0.00026	1	*6010C	3/15/11 11:06	DWR	P1C0198
Cadmium	BRL	mg/L	0.0010	0.00015	1	*6010C	3/10/11 13:39	DWR	P1C0198
Chromium	**0.0073**	**mg/L**	**0.0050**	**0.00051**	**1**	***6010C**	**3/10/11 13:39**	**DWR**	**P1C0198**
Copper	**0.017**	**mg/L**	**0.010**	**0.0011**	**1**	***6010C**	**3/10/11 13:39**	**DWR**	**P1C0198**
Lead	BRL	mg/L	0.0050	0.00057	1	*6010C	3/10/11 13:39	DWR	P1C0198
Manganese	**0.29**	**mg/L**	**0.010**	**0.00066**	**1**	***6010C**	**3/10/11 13:39**	**DWR**	**P1C0198**
Nickel	BRL	mg/L	0.010	0.0022	1	*6010C	3/10/11 13:39	DWR	P1C0198
Selenium	BRL	mg/L	0.020	0.0028	1	*6010C	3/10/11 13:39	DWR	P1C0198
Silver	BRL	mg/L	0.0050	0.00036	1	*6010C	3/10/11 13:39	DWR	P1C0198
Thallium	BRL	mg/L	0.010	0.0016	1	*6010C	3/10/11 13:39	DWR	P1C0198
Zinc	**0.15**	**mg/L**	**0.030**	**0.0026**	**1**	***6010C**	**3/10/11 13:39**	**DWR**	**P1C0198**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 14:52	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 14:52	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 14:52	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 14:52	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 14:52	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 14:52	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 14:52	LMW	P1C0193
Acetone	**6.1**	**ug/L**	**5.0**	**0.62**	**1**	***8260B**	**3/9/11 14:52**	**LMW**	**P1C0193**
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 14:52	LMW	P1C0193

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Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-1
Prism Sample ID: 1030119-01
Prism Work Order: 1030119
Time Collected: 03/01/11 09:00
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 14:52	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 14:52	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 14:52	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 14:52	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 14:52	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 14:52	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 14:52	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 14:52	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 14:52	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 14:52	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 14:52	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 14:52	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 14:52	LMW	P1C0193
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 14:52	LMW	P1C0193
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 14:52	LMW	P1C0193
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 14:52	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 14:52	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 14:52	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 14:52	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 14:52	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 14:52	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 14:52	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 14:52	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 14:52	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 14:52	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 14:52	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 14:52	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 14:52	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 14:52	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 14:52	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 14:52	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 14:52	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 14:52	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 14:52	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 14:52	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 14:52	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/9/11 14:52	LMW	P1C0193
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 14:52	LMW	P1C0193
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 14:52	LMW	P1C0193
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	3/9/11 14:52	LMW	P1C0193
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/9/11 14:52	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 14:52	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 14:52	LMW	P1C0193

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-1
Prism Sample ID: 1030119-01
Prism Work Order: 1030119
Time Collected: 03/01/11 09:00
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
TIC: Tentatively Identified Compounds	Not Detected	ug/L			1	*8260B	3/9/11 14:52	LMW	P1C0193

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*93 %*	*80-124*
Dibromofluoromethane	*107 %*	*75-129*
Toluene-d8	*93 %*	*77-123*

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Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-2
Prism Sample ID: 1030119-02
Prism Work Order: 1030119
Time Collected: 03/02/11 10:55
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000018	1	*7470A	3/11/11 13:22	LTB	P1C0240
Antimony	BRL	mg/L	0.010	0.0012	1	*6010C	3/10/11 14:05	DWR	P1C0198
Arsenic	BRL	mg/L	0.010	0.0019	1	*6010C	3/10/11 14:05	DWR	P1C0198
Beryllium	BRL	mg/L	0.0020	0.00026	1	*6010C	3/15/11 11:31	DWR	P1C0198
Cadmium	BRL	mg/L	0.0010	0.00015	1	*6010C	3/10/11 14:05	DWR	P1C0198
Chromium	BRL	mg/L	0.0050	0.00051	1	*6010C	3/10/11 14:05	DWR	P1C0198
Copper	**0.021**	**mg/L**	**0.010**	**0.0011**	**1**	***6010C**	**3/10/11 14:05**	**DWR**	**P1C0198**
Lead	BRL	mg/L	0.0050	0.00057	1	*6010C	3/10/11 14:05	DWR	P1C0198
Manganese	**0.077**	**mg/L**	**0.010**	**0.00066**	**1**	***6010C**	**3/10/11 14:05**	**DWR**	**P1C0198**
Nickel	BRL	mg/L	0.010	0.0022	1	*6010C	3/10/11 14:05	DWR	P1C0198
Selenium	BRL	mg/L	0.020	0.0028	1	*6010C	3/10/11 14:05	DWR	P1C0198
Silver	BRL	mg/L	0.0050	0.00036	1	*6010C	3/10/11 14:05	DWR	P1C0198
Thallium	BRL	mg/L	0.010	0.0016	1	*6010C	3/10/11 14:05	DWR	P1C0198
Zinc	**0.14**	**mg/L**	**0.030**	**0.0026**	**1**	***6010C**	**3/10/11 14:05**	**DWR**	**P1C0198**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 20:38	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 20:38	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 20:38	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 20:38	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 20:38	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 20:38	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 20:38	LMW	P1C0193
Acetone	**13**	**ug/L**	**5.0**	**0.62**	**1**	***8260B**	**3/9/11 20:38**	**LMW**	**P1C0193**
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 20:38	LMW	P1C0193

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Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-2
Prism Sample ID: 1030119-02
Prism Work Order: 1030119
Time Collected: 03/02/11 10:55
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 20:38	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 20:38	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 20:38	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 20:38	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 20:38	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 20:38	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 20:38	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 20:38	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 20:38	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 20:38	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 20:38	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 20:38	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 20:38	LMW	P1C0193
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 20:38	LMW	P1C0193
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 20:38	LMW	P1C0193
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 20:38	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 20:38	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 20:38	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 20:38	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 20:38	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 20:38	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 20:38	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 20:38	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 20:38	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 20:38	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 20:38	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 20:38	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 20:38	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 20:38	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 20:38	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 20:38	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 20:38	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 20:38	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 20:38	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 20:38	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 20:38	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/9/11 20:38	LMW	P1C0193
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 20:38	LMW	P1C0193
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 20:38	LMW	P1C0193
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	3/9/11 20:38	LMW	P1C0193
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/9/11 20:38	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 20:38	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 20:38	LMW	P1C0193
TIC: Isopropyl Alcohol	**75**	**ug/L**			**1**	***8260B**	**3/9/11 20:38**	**LMW**	**P1C0193**

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-2
Prism Sample ID: 1030119-02
Prism Work Order: 1030119
Time Collected: 03/02/11 10:55
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*93 %*	*80-124*
Dibromofluoromethane	*115 %*	*75-129*
Toluene-d8	*92 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-3
Prism Sample ID: 1030119-03
Prism Work Order: 1030119
Time Collected: 03/01/11 10:05
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000018	1	*7470A	3/11/11 13:26	LTB	P1C0240
Antimony	BRL	mg/L	0.010	0.0012	1	*6010C	3/10/11 14:11	DWR	P1C0198
Arsenic	BRL	mg/L	0.010	0.0019	1	*6010C	3/10/11 14:11	DWR	P1C0198
Beryllium	BRL	mg/L	0.0020	0.00026	1	*6010C	3/15/11 11:37	DWR	P1C0198
Cadmium	BRL	mg/L	0.0010	0.00015	1	*6010C	3/10/11 14:11	DWR	P1C0198
Chromium	BRL	mg/L	0.0050	0.00051	1	*6010C	3/10/11 14:11	DWR	P1C0198
Copper	BRL	mg/L	0.010	0.0011	1	*6010C	3/10/11 14:11	DWR	P1C0198
Lead	BRL	mg/L	0.0050	0.00057	1	*6010C	3/10/11 14:11	DWR	P1C0198
Manganese	**0.075**	**mg/L**	**0.010**	**0.00066**	**1**	***6010C**	**3/10/11 14:11**	**DWR**	**P1C0198**
Nickel	BRL	mg/L	0.010	0.0022	1	*6010C	3/10/11 14:11	DWR	P1C0198
Selenium	BRL	mg/L	0.020	0.0028	1	*6010C	3/10/11 14:11	DWR	P1C0198
Silver	BRL	mg/L	0.0050	0.00036	1	*6010C	3/10/11 14:11	DWR	P1C0198
Thallium	BRL	mg/L	0.010	0.0016	1	*6010C	3/10/11 14:11	DWR	P1C0198
Zinc	**0.12**	**mg/L**	**0.030**	**0.0026**	**1**	***6010C**	**3/10/11 14:11**	**DWR**	**P1C0198**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 19:45	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 19:45	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 19:45	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 19:45	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 19:45	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 19:45	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 19:45	LMW	P1C0193
Acetone	BRL	ug/L	5.0	0.62	1	*8260B	3/9/11 19:45	LMW	P1C0193
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 19:45	LMW	P1C0193

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Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-3
Prism Sample ID: 1030119-03
Prism Work Order: 1030119
Time Collected: 03/01/11 10:05
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 19:45	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 19:45	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 19:45	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 19:45	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 19:45	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 19:45	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 19:45	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 19:45	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 19:45	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 19:45	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 19:45	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 19:45	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 19:45	LMW	P1C0193
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 19:45	LMW	P1C0193
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 19:45	LMW	P1C0193
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 19:45	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 19:45	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 19:45	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 19:45	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 19:45	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 19:45	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 19:45	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 19:45	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 19:45	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 19:45	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 19:45	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 19:45	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 19:45	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 19:45	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 19:45	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 19:45	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 19:45	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 19:45	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 19:45	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 19:45	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 19:45	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/9/11 19:45	LMW	P1C0193
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 19:45	LMW	P1C0193
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 19:45	LMW	P1C0193
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	3/9/11 19:45	LMW	P1C0193
Trichlorofluoromethane	**0.94**	**ug/L**	**0.50**	**0.088**	**1**	***8260B**	**3/9/11 19:45**	**LMW**	**P1C0193**
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 19:45	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 19:45	LMW	P1C0193

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-3
Prism Sample ID: 1030119-03
Prism Work Order: 1030119
Time Collected: 03/01/11 10:05
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
TIC: Tentatively Identified Compounds	Not Detected	ug/L			1	*8260B	3/9/11 19:45	LMW	P1C0193

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*91 %*	*80-124*
Dibromofluoromethane	*113 %*	*75-129*
Toluene-d8	*93 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-4
Prism Sample ID: 1030119-04
Prism Work Order: 1030119
Time Collected: 03/02/11 13:55
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000018	1	*7470A	3/11/11 13:30	LTB	P1C0240
Antimony	BRL	mg/L	0.010	0.0012	1	*6010C	3/10/11 14:19	DWR	P1C0198
Arsenic	BRL	mg/L	0.010	0.0019	1	*6010C	3/10/11 14:19	DWR	P1C0198
Beryllium	BRL	mg/L	0.0020	0.00026	1	*6010C	3/15/11 11:45	DWR	P1C0198
Cadmium	BRL	mg/L	0.0010	0.00015	1	*6010C	3/10/11 14:19	DWR	P1C0198
Chromium	BRL	mg/L	0.0050	0.00051	1	*6010C	3/10/11 14:19	DWR	P1C0198
Copper	BRL	mg/L	0.010	0.0011	1	*6010C	3/10/11 14:19	DWR	P1C0198
Lead	BRL	mg/L	0.0050	0.00057	1	*6010C	3/10/11 14:19	DWR	P1C0198
Manganese	**0.093**	**mg/L**	**0.010**	**0.00066**	**1**	***6010C**	**3/10/11 14:19**	**DWR**	**P1C0198**
Nickel	**0.029**	**mg/L**	**0.010**	**0.0022**	**1**	***6010C**	**3/10/11 14:19**	**DWR**	**P1C0198**
Selenium	BRL	mg/L	0.020	0.0028	1	*6010C	3/10/11 14:19	DWR	P1C0198
Silver	BRL	mg/L	0.0050	0.00036	1	*6010C	3/10/11 14:19	DWR	P1C0198
Thallium	BRL	mg/L	0.010	0.0016	1	*6010C	3/10/11 14:19	DWR	P1C0198
Zinc	**0.038**	**mg/L**	**0.030**	**0.0026**	**1**	***6010C**	**3/10/11 14:19**	**DWR**	**P1C0198**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 16:12	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 16:12	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 16:12	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 16:12	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 16:12	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 16:12	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 16:12	LMW	P1C0193
Acetone	BRL	ug/L	5.0	0.62	1	*8260B	3/9/11 16:12	LMW	P1C0193
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 16:12	LMW	P1C0193

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Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-4
Prism Sample ID: 1030119-04
Prism Work Order: 1030119
Time Collected: 03/02/11 13:55
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 16:12	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 16:12	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 16:12	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 16:12	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 16:12	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 16:12	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 16:12	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 16:12	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 16:12	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 16:12	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 16:12	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 16:12	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 16:12	LMW	P1C0193
cis-1,2-Dichloroethylene	**49**	**ug/L**	**0.50**	**0.076**	**1**	***8260B**	**3/9/11 16:12**	**LMW**	**P1C0193**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 16:12	LMW	P1C0193
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 16:12	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 16:12	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 16:12	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 16:12	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 16:12	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 16:12	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 16:12	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 16:12	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 16:12	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 16:12	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 16:12	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 16:12	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 16:12	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 16:12	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 16:12	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 16:12	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 16:12	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 16:12	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 16:12	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 16:12	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 16:12	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/9/11 16:12	LMW	P1C0193
trans-1,2-Dichloroethylene	**3.6**	**ug/L**	**0.50**	**0.12**	**1**	***8260B**	**3/9/11 16:12**	**LMW**	**P1C0193**
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 16:12	LMW	P1C0193
Trichloroethylene	**10**	**ug/L**	**0.50**	**0.054**	**1**	***8260B**	**3/9/11 16:12**	**LMW**	**P1C0193**
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/9/11 16:12	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 16:12	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 16:12	LMW	P1C0193

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-4
Prism Sample ID: 1030119-04
Prism Work Order: 1030119
Time Collected: 03/02/11 13:55
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
TIC: Tentatively Identified Compounds	Not Detected	ug/L			1	*8260B	3/9/11 16:12	LMW	P1C0193

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*94 %*	*80-124*
Dibromofluoromethane	*109 %*	*75-129*
Toluene-d8	*91 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-6
Prism Sample ID: 1030119-05
Prism Work Order: 1030119
Time Collected: 03/02/11 14:40
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000018	1	*7470A	3/11/11 13:41	LTB	P1C0240
Antimony	BRL	mg/L	0.010	0.0012	1	*6010C	3/10/11 14:28	DWR	P1C0198
Arsenic	BRL	mg/L	0.010	0.0019	1	*6010C	3/10/11 14:28	DWR	P1C0198
Beryllium	BRL	mg/L	0.0020	0.00026	1	*6010C	3/15/11 11:54	DWR	P1C0198
Cadmium	BRL	mg/L	0.0010	0.00015	1	*6010C	3/10/11 14:28	DWR	P1C0198
Chromium	BRL	mg/L	0.0050	0.00051	1	*6010C	3/10/11 14:28	DWR	P1C0198
Copper	BRL	mg/L	0.010	0.0011	1	*6010C	3/10/11 14:28	DWR	P1C0198
Lead	BRL	mg/L	0.0050	0.00057	1	*6010C	3/10/11 14:28	DWR	P1C0198
Manganese	**0.24**	**mg/L**	**0.010**	**0.00066**	**1**	***6010C**	**3/10/11 14:28**	**DWR**	**P1C0198**
Nickel	**0.016**	**mg/L**	**0.010**	**0.0022**	**1**	***6010C**	**3/10/11 14:28**	**DWR**	**P1C0198**
Selenium	BRL	mg/L	0.020	0.0028	1	*6010C	3/10/11 14:28	DWR	P1C0198
Silver	BRL	mg/L	0.0050	0.00036	1	*6010C	3/10/11 14:28	DWR	P1C0198
Thallium	BRL	mg/L	0.010	0.0016	1	*6010C	3/10/11 14:28	DWR	P1C0198
Zinc	**0.044**	**mg/L**	**0.030**	**0.0026**	**1**	***6010C**	**3/10/11 14:28**	**DWR**	**P1C0198**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 21:31	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 21:31	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 21:31	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 21:31	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 21:31	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 21:31	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 21:31	LMW	P1C0193
Acetone	**16**	**ug/L**	**5.0**	**0.62**	**1**	***8260B**	**3/9/11 21:31**	**LMW**	**P1C0193**
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 21:31	LMW	P1C0193

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-6
Prism Sample ID: 1030119-05
Prism Work Order: 1030119
Time Collected: 03/02/11 14:40
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 21:31	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 21:31	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 21:31	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 21:31	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 21:31	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 21:31	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 21:31	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 21:31	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 21:31	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 21:31	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 21:31	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 21:31	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 21:31	LMW	P1C0193
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 21:31	LMW	P1C0193
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 21:31	LMW	P1C0193
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 21:31	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 21:31	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 21:31	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 21:31	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 21:31	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 21:31	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 21:31	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 21:31	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 21:31	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 21:31	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 21:31	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 21:31	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 21:31	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 21:31	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 21:31	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 21:31	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 21:31	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 21:31	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 21:31	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 21:31	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 21:31	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/9/11 21:31	LMW	P1C0193
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 21:31	LMW	P1C0193
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 21:31	LMW	P1C0193
Trichloroethylene	**1.2**	**ug/L**	**0.50**	**0.054**	**1**	***8260B**	**3/9/11 21:31**	**LMW**	**P1C0193**
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/9/11 21:31	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 21:31	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 21:31	LMW	P1C0193

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-6
Prism Sample ID: 1030119-05
Prism Work Order: 1030119
Time Collected: 03/02/11 14:40
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
TIC: Isopropyl Alcohol	**9.4**	**ug/L**			**1**	***8260B**	**3/9/11 21:31**	**LMW**	**P1C0193**

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*92 %*	*80-124*
Dibromofluoromethane	*111 %*	*75-129*
Toluene-d8	*94 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-7
Prism Sample ID: 1030119-06
Prism Work Order: 1030119
Time Collected: 03/02/11 13:15
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000018	1	*7470A	3/11/11 13:45	LTB	P1C0240
Antimony	BRL	mg/L	0.010	0.0012	1	*6010C	3/10/11 14:37	DWR	P1C0198
Arsenic	BRL	mg/L	0.010	0.0019	1	*6010C	3/10/11 14:37	DWR	P1C0198
Beryllium	BRL	mg/L	0.0020	0.00026	1	*6010C	3/15/11 12:02	DWR	P1C0198
Cadmium	BRL	mg/L	0.0010	0.00015	1	*6010C	3/10/11 14:37	DWR	P1C0198
Chromium	BRL	mg/L	0.0050	0.00051	1	*6010C	3/10/11 14:37	DWR	P1C0198
Copper	BRL	mg/L	0.010	0.0011	1	*6010C	3/10/11 14:37	DWR	P1C0198
Lead	BRL	mg/L	0.0050	0.00057	1	*6010C	3/10/11 14:37	DWR	P1C0198
Manganese	**0.14**	**mg/L**	**0.010**	**0.00066**	**1**	***6010C**	**3/10/11 14:37**	**DWR**	**P1C0198**
Nickel	BRL	mg/L	0.010	0.0022	1	*6010C	3/10/11 14:37	DWR	P1C0198
Selenium	BRL	mg/L	0.020	0.0028	1	*6010C	3/10/11 14:37	DWR	P1C0198
Silver	BRL	mg/L	0.0050	0.00036	1	*6010C	3/10/11 14:37	DWR	P1C0198
Thallium	BRL	mg/L	0.010	0.0016	1	*6010C	3/10/11 14:37	DWR	P1C0198
Zinc	BRL	mg/L	0.030	0.0026	1	*6010C	3/10/11 14:37	DWR	P1C0198
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 15:19	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 15:19	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 15:19	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 15:19	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 15:19	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 15:19	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 15:19	LMW	P1C0193
Acetone	BRL	ug/L	5.0	0.62	1	*8260B	3/9/11 15:19	LMW	P1C0193
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 15:19	LMW	P1C0193

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-7
Prism Sample ID: 1030119-06
Prism Work Order: 1030119
Time Collected: 03/02/11 13:15
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 15:19	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 15:19	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 15:19	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 15:19	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 15:19	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 15:19	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 15:19	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 15:19	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 15:19	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 15:19	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 15:19	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 15:19	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 15:19	LMW	P1C0193
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 15:19	LMW	P1C0193
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 15:19	LMW	P1C0193
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 15:19	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 15:19	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 15:19	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 15:19	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 15:19	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 15:19	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 15:19	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 15:19	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 15:19	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 15:19	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 15:19	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 15:19	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 15:19	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 15:19	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 15:19	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 15:19	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 15:19	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 15:19	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 15:19	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 15:19	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 15:19	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/9/11 15:19	LMW	P1C0193
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 15:19	LMW	P1C0193
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 15:19	LMW	P1C0193
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	3/9/11 15:19	LMW	P1C0193
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/9/11 15:19	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 15:19	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 15:19	LMW	P1C0193

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-7
Prism Sample ID: 1030119-06
Prism Work Order: 1030119
Time Collected: 03/02/11 13:15
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
TIC: Tentatively Identified Compounds	Not Detected	ug/L			1	*8260B	3/9/11 15:19	LMW	P1C0193

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*93 %*	*80-124*
Dibromofluoromethane	*111 %*	*75-129*
Toluene-d8	*92 %*	*77-123*

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-8
Prism Sample ID: 1030119-07
Prism Work Order: 1030119
Time Collected: 03/01/11 13:40
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000018	1	*7470A	3/11/11 13:49	LTB	P1C0240
Antimony	BRL	mg/L	0.010	0.0012	1	*6010C	3/10/11 14:45	DWR	P1C0198
Arsenic	BRL	mg/L	0.010	0.0019	1	*6010C	3/10/11 14:45	DWR	P1C0198
Beryllium	BRL	mg/L	0.0020	0.00026	1	*6010C	3/15/11 12:11	DWR	P1C0198
Cadmium	BRL	mg/L	0.0010	0.00015	1	*6010C	3/10/11 14:45	DWR	P1C0198
Chromium	BRL	mg/L	0.0050	0.00051	1	*6010C	3/10/11 14:45	DWR	P1C0198
Copper	BRL	mg/L	0.010	0.0011	1	*6010C	3/10/11 14:45	DWR	P1C0198
Lead	BRL	mg/L	0.0050	0.00057	1	*6010C	3/10/11 14:45	DWR	P1C0198
Manganese	**0.020**	**mg/L**	**0.010**	**0.00066**	**1**	***6010C**	**3/10/11 14:45**	**DWR**	**P1C0198**
Nickel	BRL	mg/L	0.010	0.0022	1	*6010C	3/10/11 14:45	DWR	P1C0198
Selenium	BRL	mg/L	0.020	0.0028	1	*6010C	3/10/11 14:45	DWR	P1C0198
Silver	BRL	mg/L	0.0050	0.00036	1	*6010C	3/10/11 14:45	DWR	P1C0198
Thallium	BRL	mg/L	0.010	0.0016	1	*6010C	3/10/11 14:45	DWR	P1C0198
Zinc	**0.036**	**mg/L**	**0.030**	**0.0026**	**1**	***6010C**	**3/10/11 14:45**	**DWR**	**P1C0198**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 17:05	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 17:05	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 17:05	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 17:05	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 17:05	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 17:05	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 17:05	LMW	P1C0193
Acetone	BRL	ug/L	5.0	0.62	1	*8260B	3/9/11 17:05	LMW	P1C0193
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 17:05	LMW	P1C0193

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-8
Prism Sample ID: 1030119-07
Prism Work Order: 1030119
Time Collected: 03/01/11 13:40
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 17:05	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 17:05	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 17:05	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 17:05	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 17:05	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 17:05	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 17:05	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 17:05	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 17:05	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 17:05	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 17:05	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 17:05	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 17:05	LMW	P1C0193
cis-1,2-Dichloroethylene	**160**	**ug/L**	**5.0**	**0.76**	**10**	***8260B**	**3/10/11 7:05**	**LMW**	**P1C0193**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 17:05	LMW	P1C0193
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 17:05	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 17:05	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 17:05	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 17:05	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 17:05	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 17:05	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 17:05	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 17:05	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 17:05	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 17:05	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 17:05	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 17:05	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 17:05	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 17:05	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 17:05	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 17:05	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 17:05	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 17:05	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 17:05	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 17:05	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 17:05	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/9/11 17:05	LMW	P1C0193
trans-1,2-Dichloroethylene	**12**	**ug/L**	**0.50**	**0.12**	**1**	***8260B**	**3/9/11 17:05**	**LMW**	**P1C0193**
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 17:05	LMW	P1C0193
Trichloroethylene	**61**	**ug/L**	**0.50**	**0.054**	**1**	***8260B**	**3/9/11 17:05**	**LMW**	**P1C0193**
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/9/11 17:05	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 17:05	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 17:05	LMW	P1C0193

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-8
Prism Sample ID: 1030119-07
Prism Work Order: 1030119
Time Collected: 03/01/11 13:40
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
TIC: Tentatively Identified Compounds	Not Detected	ug/L			1	*8260B	3/9/11 17:05	LMW	P1C0193

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*94 %*	*80-124*
Dibromofluoromethane	*106 %*	*75-129*
Toluene-d8	*93 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-9
Prism Sample ID: 1030119-08
Prism Work Order: 1030119
Time Collected: 03/02/11 11:40
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000018	1	*7470A	3/11/11 13:52	LTB	P1C0240
Antimony	BRL	mg/L	0.010	0.0012	1	*6010C	3/10/11 15:06	DWR	P1C0198
Arsenic	BRL	mg/L	0.010	0.0019	1	*6010C	3/10/11 15:06	DWR	P1C0198
Beryllium	BRL	mg/L	0.0020	0.00026	1	*6010C	3/10/11 15:06	DWR	P1C0198
Cadmium	BRL	mg/L	0.0010	0.00015	1	*6010C	3/10/11 15:06	DWR	P1C0198
Chromium	BRL	mg/L	0.0050	0.00051	1	*6010C	3/10/11 15:06	DWR	P1C0198
Copper	BRL	mg/L	0.010	0.0011	1	*6010C	3/10/11 15:06	DWR	P1C0198
Lead	BRL	mg/L	0.0050	0.00057	1	*6010C	3/10/11 15:06	DWR	P1C0198
Manganese	**0.074**	**mg/L**	**0.010**	**0.00066**	**1**	***6010C**	**3/10/11 15:06**	**DWR**	**P1C0198**
Nickel	BRL	mg/L	0.010	0.0022	1	*6010C	3/10/11 15:06	DWR	P1C0198
Selenium	BRL	mg/L	0.020	0.0028	1	*6010C	3/10/11 15:06	DWR	P1C0198
Silver	BRL	mg/L	0.0050	0.00036	1	*6010C	3/10/11 15:06	DWR	P1C0198
Thallium	BRL	mg/L	0.010	0.0016	1	*6010C	3/10/11 15:06	DWR	P1C0198
Zinc	BRL	mg/L	0.030	0.0026	1	*6010C	3/10/11 15:06	DWR	P1C0198
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 22:25	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 22:25	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 22:25	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 22:25	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 22:25	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 22:25	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 22:25	LMW	P1C0193
Acetone	**15**	**ug/L**	**5.0**	**0.62**	**1**	***8260B**	**3/9/11 22:25**	**LMW**	**P1C0193**
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 22:25	LMW	P1C0193

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Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-9
Prism Sample ID: 1030119-08
Prism Work Order: 1030119
Time Collected: 03/02/11 11:40
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 22:25	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 22:25	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 22:25	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 22:25	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 22:25	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 22:25	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 22:25	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 22:25	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 22:25	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 22:25	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 22:25	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 22:25	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 22:25	LMW	P1C0193
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 22:25	LMW	P1C0193
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 22:25	LMW	P1C0193
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 22:25	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 22:25	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 22:25	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 22:25	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 22:25	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 22:25	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 22:25	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 22:25	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 22:25	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 22:25	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 22:25	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 22:25	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 22:25	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 22:25	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 22:25	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 22:25	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 22:25	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 22:25	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 22:25	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 22:25	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 22:25	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/9/11 22:25	LMW	P1C0193
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 22:25	LMW	P1C0193
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 22:25	LMW	P1C0193
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	3/9/11 22:25	LMW	P1C0193
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/9/11 22:25	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 22:25	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 22:25	LMW	P1C0193
TIC: Isopropyl Alcohol	**49**	**ug/L**			**1**	***8260B**	**3/9/11 22:25**	**LMW**	**P1C0193**

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-9
Prism Sample ID: 1030119-08
Prism Work Order: 1030119
Time Collected: 03/02/11 11:40
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*93 %*	*80-124*
Dibromofluoromethane	*111 %*	*75-129*
Toluene-d8	*91 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-10
Prism Sample ID: 1030119-09
Prism Work Order: 1030119
Time Collected: 03/01/11 12:15
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000018	1	*7470A	3/11/11 13:56	LTB	P1C0240
Antimony	BRL	mg/L	0.010	0.0012	1	*6010C	3/10/11 15:15	DWR	P1C0198
Arsenic	BRL	mg/L	0.010	0.0019	1	*6010C	3/10/11 15:15	DWR	P1C0198
Beryllium	BRL	mg/L	0.0020	0.00026	1	*6010C	3/10/11 15:15	DWR	P1C0198
Cadmium	BRL	mg/L	0.0010	0.00015	1	*6010C	3/10/11 15:15	DWR	P1C0198
Chromium	BRL	mg/L	0.0050	0.00051	1	*6010C	3/10/11 15:15	DWR	P1C0198
Copper	BRL	mg/L	0.010	0.0011	1	*6010C	3/10/11 15:15	DWR	P1C0198
Lead	BRL	mg/L	0.0050	0.00057	1	*6010C	3/10/11 15:15	DWR	P1C0198
Manganese	**0.076**	**mg/L**	**0.010**	**0.00066**	**1**	***6010C**	**3/10/11 15:15**	**DWR**	**P1C0198**
Nickel	BRL	mg/L	0.010	0.0022	1	*6010C	3/10/11 15:15	DWR	P1C0198
Selenium	BRL	mg/L	0.020	0.0028	1	*6010C	3/10/11 15:15	DWR	P1C0198
Silver	BRL	mg/L	0.0050	0.00036	1	*6010C	3/10/11 15:15	DWR	P1C0198
Thallium	BRL	mg/L	0.010	0.0016	1	*6010C	3/10/11 15:15	DWR	P1C0198
Zinc	**0.077**	**mg/L**	**0.030**	**0.0026**	**1**	***6010C**	**3/10/11 15:15**	**DWR**	**P1C0198**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 19:18	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 19:18	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 19:18	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 19:18	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 19:18	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 19:18	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 19:18	LMW	P1C0193
Acetone	BRL	ug/L	5.0	0.62	1	*8260B	3/9/11 19:18	LMW	P1C0193
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 19:18	LMW	P1C0193

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Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-10
Prism Sample ID: 1030119-09
Prism Work Order: 1030119
Time Collected: 03/01/11 12:15
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 19:18	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 19:18	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 19:18	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 19:18	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 19:18	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 19:18	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 19:18	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 19:18	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 19:18	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 19:18	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 19:18	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 19:18	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 19:18	LMW	P1C0193
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 19:18	LMW	P1C0193
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 19:18	LMW	P1C0193
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 19:18	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 19:18	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 19:18	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 19:18	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 19:18	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 19:18	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 19:18	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 19:18	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 19:18	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 19:18	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 19:18	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 19:18	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 19:18	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 19:18	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 19:18	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 19:18	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 19:18	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 19:18	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 19:18	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 19:18	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 19:18	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/9/11 19:18	LMW	P1C0193
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 19:18	LMW	P1C0193
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 19:18	LMW	P1C0193
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	3/9/11 19:18	LMW	P1C0193
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/9/11 19:18	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 19:18	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 19:18	LMW	P1C0193
TIC: Isopropyl Alcohol	**10**	**ug/L**			**1**	***8260B**	**3/9/11 19:18**	**LMW**	**P1C0193**

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-10
Prism Sample ID: 1030119-09
Prism Work Order: 1030119
Time Collected: 03/01/11 12:15
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*93 %*	*80-124*
Dibromofluoromethane	*108 %*	*75-129*
Toluene-d8	*92 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-11
Prism Sample ID: 1030119-10
Prism Work Order: 1030119
Time Collected: 03/01/11 11:20
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000018	1	*7470A	3/11/11 14:00	LTB	P1C0240
Antimony	BRL	mg/L	0.010	0.0012	1	*6010C	3/10/11 15:23	DWR	P1C0198
Arsenic	BRL	mg/L	0.010	0.0019	1	*6010C	3/10/11 15:23	DWR	P1C0198
Beryllium	BRL	mg/L	0.0020	0.00026	1	*6010C	3/10/11 15:23	DWR	P1C0198
Cadmium	BRL	mg/L	0.0010	0.00015	1	*6010C	3/10/11 15:23	DWR	P1C0198
Chromium	BRL	mg/L	0.0050	0.00051	1	*6010C	3/10/11 15:23	DWR	P1C0198
Copper	**0.014**	**mg/L**	**0.010**	**0.0011**	**1**	***6010C**	**3/10/11 15:23**	**DWR**	**P1C0198**
Lead	BRL	mg/L	0.0050	0.00057	1	*6010C	3/10/11 15:23	DWR	P1C0198
Manganese	**0.11**	**mg/L**	**0.010**	**0.00066**	**1**	***6010C**	**3/10/11 15:23**	**DWR**	**P1C0198**
Nickel	BRL	mg/L	0.010	0.0022	1	*6010C	3/10/11 15:23	DWR	P1C0198
Selenium	BRL	mg/L	0.020	0.0028	1	*6010C	3/10/11 15:23	DWR	P1C0198
Silver	BRL	mg/L	0.0050	0.00036	1	*6010C	3/10/11 15:23	DWR	P1C0198
Thallium	BRL	mg/L	0.010	0.0016	1	*6010C	3/10/11 15:23	DWR	P1C0198
Zinc	**0.33**	**mg/L**	**0.030**	**0.0026**	**1**	***6010C**	**3/10/11 15:23**	**DWR**	**P1C0198**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 16:39	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 16:39	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 16:39	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 16:39	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 16:39	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 16:39	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 16:39	LMW	P1C0193
Acetone	BRL	ug/L	5.0	0.62	1	*8260B	3/9/11 16:39	LMW	P1C0193
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 16:39	LMW	P1C0193

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Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-11
Prism Sample ID: 1030119-10
Prism Work Order: 1030119
Time Collected: 03/01/11 11:20
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 16:39	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 16:39	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 16:39	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 16:39	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 16:39	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 16:39	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 16:39	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 16:39	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 16:39	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 16:39	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 16:39	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 16:39	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 16:39	LMW	P1C0193
cis-1,2-Dichloroethylene	**51**	**ug/L**	**0.50**	**0.076**	**1**	***8260B**	**3/9/11 16:39**	**LMW**	**P1C0193**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 16:39	LMW	P1C0193
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 16:39	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 16:39	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 16:39	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 16:39	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 16:39	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 16:39	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 16:39	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 16:39	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 16:39	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 16:39	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 16:39	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 16:39	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 16:39	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 16:39	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 16:39	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 16:39	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 16:39	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 16:39	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 16:39	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 16:39	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 16:39	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/9/11 16:39	LMW	P1C0193
trans-1,2-Dichloroethylene	**2.6**	**ug/L**	**0.50**	**0.12**	**1**	***8260B**	**3/9/11 16:39**	**LMW**	**P1C0193**
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 16:39	LMW	P1C0193
Trichloroethylene	**1.8**	**ug/L**	**0.50**	**0.054**	**1**	***8260B**	**3/9/11 16:39**	**LMW**	**P1C0193**
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/9/11 16:39	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 16:39	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 16:39	LMW	P1C0193

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-11
Prism Sample ID: 1030119-10
Prism Work Order: 1030119
Time Collected: 03/01/11 11:20
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
TIC: Unkown (01)	**7.1**	**ug/L**			**1**	***8260B**	**3/9/11 16:39**	**LMW**	**P1C0193**
TIC: Unkown (02)	**6.3**	**ug/L**			**1**	***8260B**	**3/9/11 16:39**	**LMW**	**P1C0193**

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*95 %*	*80-124*
Dibromofluoromethane	*113 %*	*75-129*
Toluene-d8	*92 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-12
Prism Sample ID: 1030119-11
Prism Work Order: 1030119
Time Collected: 03/01/11 10:40
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000018	1	*7470A	3/11/11 14:04	LTB	P1C0240
Antimony	BRL	mg/L	0.010	0.0012	1	*6010C	3/10/11 15:32	DWR	P1C0198
Arsenic	BRL	mg/L	0.010	0.0019	1	*6010C	3/10/11 15:32	DWR	P1C0198
Beryllium	BRL	mg/L	0.0020	0.00026	1	*6010C	3/10/11 15:32	DWR	P1C0198
Cadmium	BRL	mg/L	0.0010	0.00015	1	*6010C	3/10/11 15:32	DWR	P1C0198
Chromium	BRL	mg/L	0.0050	0.00051	1	*6010C	3/10/11 15:32	DWR	P1C0198
Copper	BRL	mg/L	0.010	0.0011	1	*6010C	3/10/11 15:32	DWR	P1C0198
Lead	BRL	mg/L	0.0050	0.00057	1	*6010C	3/10/11 15:32	DWR	P1C0198
Manganese	**0.33**	**mg/L**	**0.010**	**0.00066**	**1**	***6010C**	**3/10/11 15:32**	**DWR**	**P1C0198**
Nickel	BRL	mg/L	0.010	0.0022	1	*6010C	3/10/11 15:32	DWR	P1C0198
Selenium	BRL	mg/L	0.020	0.0028	1	*6010C	3/10/11 15:32	DWR	P1C0198
Silver	BRL	mg/L	0.0050	0.00036	1	*6010C	3/10/11 15:32	DWR	P1C0198
Thallium	BRL	mg/L	0.010	0.0016	1	*6010C	3/10/11 15:32	DWR	P1C0198
Zinc	**0.036**	**mg/L**	**0.030**	**0.0026**	**1**	***6010C**	**3/10/11 15:32**	**DWR**	**P1C0198**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/10/11 2:25	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/10/11 2:25	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/10/11 2:25	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/10/11 2:25	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/10/11 2:25	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/10/11 2:25	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/10/11 2:25	LMW	P1C0193
Acetone	**7.2**	**ug/L**	**5.0**	**0.62**	**1**	***8260B**	**3/10/11 2:25**	**LMW**	**P1C0193**
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/10/11 2:25	LMW	P1C0193

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-12
Prism Sample ID: 1030119-11
Prism Work Order: 1030119
Time Collected: 03/01/11 10:40
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/10/11 2:25	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/10/11 2:25	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/10/11 2:25	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/10/11 2:25	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/10/11 2:25	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/10/11 2:25	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/10/11 2:25	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/10/11 2:25	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/10/11 2:25	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/10/11 2:25	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/10/11 2:25	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/10/11 2:25	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/10/11 2:25	LMW	P1C0193
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	3/10/11 2:25	LMW	P1C0193
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/10/11 2:25	LMW	P1C0193
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/10/11 2:25	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/10/11 2:25	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/10/11 2:25	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/10/11 2:25	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/10/11 2:25	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/10/11 2:25	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/10/11 2:25	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/10/11 2:25	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/10/11 2:25	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/10/11 2:25	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/10/11 2:25	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/10/11 2:25	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/10/11 2:25	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/10/11 2:25	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/10/11 2:25	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/10/11 2:25	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/10/11 2:25	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/10/11 2:25	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/10/11 2:25	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/10/11 2:25	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/10/11 2:25	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/10/11 2:25	LMW	P1C0193
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	3/10/11 2:25	LMW	P1C0193
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/10/11 2:25	LMW	P1C0193
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	3/10/11 2:25	LMW	P1C0193
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/10/11 2:25	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/10/11 2:25	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/10/11 2:25	LMW	P1C0193

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Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-12
Prism Sample ID: 1030119-11
Prism Work Order: 1030119
Time Collected: 03/01/11 10:40
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
TIC: Tentatively Identified Compounds	Not Detected	ug/L			1	*8260B	3/10/11 2:25	LMW	P1C0193

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*97 %*	*80-124*
Dibromofluoromethane	*110 %*	*75-129*
Toluene-d8	*92 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-13
Prism Sample ID: 1030119-12
Prism Work Order: 1030119
Time Collected: 03/02/11 08:15
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000018	1	*7470A	3/11/11 14:08	LTB	P1C0240
Antimony	BRL	mg/L	0.010	0.0012	1	*6010C	3/10/11 15:41	DWR	P1C0198
Arsenic	BRL	mg/L	0.010	0.0019	1	*6010C	3/10/11 15:41	DWR	P1C0198
Beryllium	BRL	mg/L	0.0020	0.00026	1	*6010C	3/10/11 15:41	DWR	P1C0198
Cadmium	BRL	mg/L	0.0010	0.00015	1	*6010C	3/10/11 15:41	DWR	P1C0198
Chromium	**0.0060**	**mg/L**	**0.0050**	**0.00051**	**1**	***6010C**	**3/10/11 15:41**	**DWR**	**P1C0198**
Copper	**0.013**	**mg/L**	**0.010**	**0.0011**	**1**	***6010C**	**3/10/11 15:41**	**DWR**	**P1C0198**
Lead	BRL	mg/L	0.0050	0.00057	1	*6010C	3/10/11 15:41	DWR	P1C0198
Manganese	**0.27**	**mg/L**	**0.010**	**0.00066**	**1**	***6010C**	**3/10/11 15:41**	**DWR**	**P1C0198**
Nickel	BRL	mg/L	0.010	0.0022	1	*6010C	3/10/11 15:41	DWR	P1C0198
Selenium	BRL	mg/L	0.020	0.0028	1	*6010C	3/10/11 15:41	DWR	P1C0198
Silver	BRL	mg/L	0.0050	0.00036	1	*6010C	3/10/11 15:41	DWR	P1C0198
Thallium	BRL	mg/L	0.010	0.0016	1	*6010C	3/10/11 15:41	DWR	P1C0198
Zinc	**0.098**	**mg/L**	**0.030**	**0.0026**	**1**	***6010C**	**3/10/11 15:41**	**DWR**	**P1C0198**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 20:11	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 20:11	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 20:11	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 20:11	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 20:11	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 20:11	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 20:11	LMW	P1C0193
Acetone	BRL	ug/L	5.0	0.62	1	*8260B	3/9/11 20:11	LMW	P1C0193
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 20:11	LMW	P1C0193

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Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-13
Prism Sample ID: 1030119-12
Prism Work Order: 1030119
Time Collected: 03/02/11 08:15
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 20:11	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 20:11	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 20:11	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 20:11	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 20:11	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 20:11	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 20:11	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 20:11	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 20:11	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 20:11	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 20:11	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 20:11	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 20:11	LMW	P1C0193
cis-1,2-Dichloroethylene	**37**	**ug/L**	**0.50**	**0.076**	**1**	***8260B**	**3/9/11 20:11**	**LMW**	**P1C0193**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 20:11	LMW	P1C0193
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 20:11	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 20:11	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 20:11	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 20:11	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 20:11	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 20:11	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 20:11	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 20:11	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 20:11	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 20:11	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 20:11	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 20:11	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 20:11	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 20:11	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 20:11	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 20:11	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 20:11	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 20:11	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 20:11	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 20:11	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 20:11	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/9/11 20:11	LMW	P1C0193
trans-1,2-Dichloroethylene	**1.8**	**ug/L**	**0.50**	**0.12**	**1**	***8260B**	**3/9/11 20:11**	**LMW**	**P1C0193**
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 20:11	LMW	P1C0193
Trichloroethylene	**30**	**ug/L**	**0.50**	**0.054**	**1**	***8260B**	**3/9/11 20:11**	**LMW**	**P1C0193**
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/9/11 20:11	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 20:11	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 20:11	LMW	P1C0193

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-13
Prism Sample ID: 1030119-12
Prism Work Order: 1030119
Time Collected: 03/02/11 08:15
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
TIC: Tentatively Identified Compounds	Not Detected	ug/L			1	*8260B	3/9/11 20:11	LMW	P1C0193

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*93 %*	*80-124*
Dibromofluoromethane	*107 %*	*75-129*
Toluene-d8	*94 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-14
Prism Sample ID: 1030119-13
Prism Work Order: 1030119
Time Collected: 03/02/11 10:10
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000018	1	*7470A	3/11/11 14:12	LTB	P1C0240
Antimony	BRL	mg/L	0.010	0.0012	1	*6010C	3/10/11 15:50	DWR	P1C0198
Arsenic	BRL	mg/L	0.010	0.0019	1	*6010C	3/10/11 15:50	DWR	P1C0198
Beryllium	BRL	mg/L	0.0020	0.00026	1	*6010C	3/10/11 15:50	DWR	P1C0198
Cadmium	BRL	mg/L	0.0010	0.00015	1	*6010C	3/10/11 15:50	DWR	P1C0198
Chromium	**0.030**	**mg/L**	**0.0050**	**0.00051**	**1**	***6010C**	**3/10/11 15:50**	**DWR**	**P1C0198**
Copper	BRL	mg/L	0.010	0.0011	1	*6010C	3/10/11 15:50	DWR	P1C0198
Lead	BRL	mg/L	0.0050	0.00057	1	*6010C	3/10/11 15:50	DWR	P1C0198
Manganese	**0.15**	**mg/L**	**0.010**	**0.00066**	**1**	***6010C**	**3/10/11 15:50**	**DWR**	**P1C0198**
Nickel	BRL	mg/L	0.010	0.0022	1	*6010C	3/10/11 15:50	DWR	P1C0198
Selenium	BRL	mg/L	0.020	0.0028	1	*6010C	3/10/11 15:50	DWR	P1C0198
Silver	BRL	mg/L	0.0050	0.00036	1	*6010C	3/10/11 15:50	DWR	P1C0198
Thallium	BRL	mg/L	0.010	0.0016	1	*6010C	3/10/11 15:50	DWR	P1C0198
Zinc	BRL	mg/L	0.030	0.0026	1	*6010C	3/10/11 15:50	DWR	P1C0198
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 21:58	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 21:58	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 21:58	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 21:58	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 21:58	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 21:58	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 21:58	LMW	P1C0193
Acetone	BRL	ug/L	5.0	0.62	1	*8260B	3/9/11 21:58	LMW	P1C0193
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 21:58	LMW	P1C0193

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Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-14
Prism Sample ID: 1030119-13
Prism Work Order: 1030119
Time Collected: 03/02/11 10:10
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 21:58	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 21:58	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 21:58	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 21:58	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 21:58	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 21:58	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 21:58	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 21:58	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 21:58	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 21:58	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 21:58	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 21:58	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 21:58	LMW	P1C0193
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 21:58	LMW	P1C0193
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 21:58	LMW	P1C0193
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 21:58	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 21:58	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 21:58	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 21:58	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 21:58	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 21:58	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 21:58	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 21:58	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 21:58	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 21:58	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 21:58	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 21:58	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 21:58	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 21:58	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 21:58	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 21:58	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 21:58	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 21:58	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 21:58	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 21:58	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 21:58	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/9/11 21:58	LMW	P1C0193
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 21:58	LMW	P1C0193
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 21:58	LMW	P1C0193
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	3/9/11 21:58	LMW	P1C0193
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/9/11 21:58	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 21:58	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 21:58	LMW	P1C0193

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-14
Prism Sample ID: 1030119-13
Prism Work Order: 1030119
Time Collected: 03/02/11 10:10
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
TIC: Tentatively Identified Compounds	Not Detected	ug/L			1	*8260B	3/9/11 21:58	LMW	P1C0193

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*92 %*	*80-124*
Dibromofluoromethane	*115 %*	*75-129*
Toluene-d8	*91 %*	*77-123*

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Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-15
Prism Sample ID: 1030119-14
Prism Work Order: 1030119
Time Collected: 03/02/11 09:00
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000018	1	*7470A	3/11/11 14:23	LTB	P1C0240
Antimony	BRL	mg/L	0.010	0.0012	1	*6010C	3/10/11 15:59	DWR	P1C0198
Arsenic	BRL	mg/L	0.010	0.0019	1	*6010C	3/10/11 15:59	DWR	P1C0198
Beryllium	BRL	mg/L	0.0020	0.00026	1	*6010C	3/10/11 15:59	DWR	P1C0198
Cadmium	BRL	mg/L	0.0010	0.00015	1	*6010C	3/10/11 15:59	DWR	P1C0198
Chromium	**0.046**	**mg/L**	**0.0050**	**0.00051**	**1**	***6010C**	**3/10/11 15:59**	**DWR**	**P1C0198**
Copper	BRL	mg/L	0.010	0.0011	1	*6010C	3/10/11 15:59	DWR	P1C0198
Lead	BRL	mg/L	0.0050	0.00057	1	*6010C	3/10/11 15:59	DWR	P1C0198
Manganese	**0.11**	**mg/L**	**0.010**	**0.00066**	**1**	***6010C**	**3/10/11 15:59**	**DWR**	**P1C0198**
Nickel	BRL	mg/L	0.010	0.0022	1	*6010C	3/10/11 15:59	DWR	P1C0198
Selenium	BRL	mg/L	0.020	0.0028	1	*6010C	3/10/11 15:59	DWR	P1C0198
Silver	BRL	mg/L	0.0050	0.00036	1	*6010C	3/10/11 15:59	DWR	P1C0198
Thallium	BRL	mg/L	0.010	0.0016	1	*6010C	3/10/11 15:59	DWR	P1C0198
Zinc	**0.046**	**mg/L**	**0.030**	**0.0026**	**1**	***6010C**	**3/10/11 15:59**	**DWR**	**P1C0198**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 15:46	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 15:46	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 15:46	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 15:46	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 15:46	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 15:46	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 15:46	LMW	P1C0193
Acetone	BRL	ug/L	5.0	0.62	1	*8260B	3/9/11 15:46	LMW	P1C0193
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 15:46	LMW	P1C0193

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Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-15
Prism Sample ID: 1030119-14
Prism Work Order: 1030119
Time Collected: 03/02/11 09:00
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 15:46	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 15:46	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 15:46	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 15:46	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 15:46	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 15:46	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 15:46	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 15:46	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 15:46	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 15:46	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 15:46	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 15:46	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 15:46	LMW	P1C0193
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 15:46	LMW	P1C0193
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 15:46	LMW	P1C0193
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 15:46	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 15:46	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 15:46	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 15:46	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 15:46	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 15:46	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 15:46	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 15:46	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 15:46	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 15:46	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 15:46	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 15:46	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 15:46	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 15:46	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 15:46	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 15:46	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 15:46	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 15:46	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 15:46	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 15:46	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 15:46	LMW	P1C0193
Toluene	**0.66**	**ug/L**	**0.50**	**0.042**	**1**	***8260B**	**3/9/11 15:46**	**LMW**	**P1C0193**
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 15:46	LMW	P1C0193
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 15:46	LMW	P1C0193
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	3/9/11 15:46	LMW	P1C0193
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/9/11 15:46	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 15:46	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 15:46	LMW	P1C0193

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Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-15
Prism Sample ID: 1030119-14
Prism Work Order: 1030119
Time Collected: 03/02/11 09:00
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
TIC: Isopropyl Alcohol	**12**	**ug/L**			**1**	***8260B**	**3/9/11 15:46**	**LMW**	**P1C0193**

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*94 %*	*80-124*
Dibromofluoromethane	*108 %*	*75-129*
Toluene-d8	*92 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-DUP
Prism Sample ID: 1030119-15
Prism Work Order: 1030119
Time Collected: 03/02/11 00:00
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 21:05	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 21:05	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 21:05	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 21:05	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 21:05	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 21:05	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 21:05	LMW	P1C0193
Acetone	BRL	ug/L	5.0	0.62	1	*8260B	3/9/11 21:05	LMW	P1C0193
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 21:05	LMW	P1C0193
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 21:05	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 21:05	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 21:05	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 21:05	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 21:05	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 21:05	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 21:05	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 21:05	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 21:05	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 21:05	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 21:05	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 21:05	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 21:05	LMW	P1C0193
cis-1,2-Dichloroethylene	**54**	**ug/L**	**0.50**	**0.076**	**1**	***8260B**	**3/9/11 21:05**	**LMW**	**P1C0193**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 21:05	LMW	P1C0193

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-DUP
Prism Sample ID: 1030119-15
Prism Work Order: 1030119
Time Collected: 03/02/11 00:00
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 21:05	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 21:05	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 21:05	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 21:05	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 21:05	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 21:05	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 21:05	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 21:05	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 21:05	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 21:05	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 21:05	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 21:05	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 21:05	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 21:05	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 21:05	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 21:05	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 21:05	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 21:05	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 21:05	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 21:05	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 21:05	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/9/11 21:05	LMW	P1C0193
trans-1,2-Dichloroethylene	**3.4**	**ug/L**	**0.50**	**0.12**	**1**	***8260B**	**3/9/11 21:05**	**LMW**	**P1C0193**
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 21:05	LMW	P1C0193
Trichloroethylene	**11**	**ug/L**	**0.50**	**0.054**	**1**	***8260B**	**3/9/11 21:05**	**LMW**	**P1C0193**
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/9/11 21:05	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 21:05	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 21:05	LMW	P1C0193
TIC: Tentatively Identified Compounds	Not Detected	ug/L			1	*8260B	3/9/11 21:05	LMW	P1C0193

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*94 %*	*80-124*
Dibromofluoromethane	*109 %*	*75-129*
Toluene-d8	*92 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TRIP BLANK
Prism Sample ID: 1030119-16
Prism Work Order: 1030119
Time Collected: 03/02/11 00:00
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 13:59	LMW	P1C0193
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	3/9/11 13:59	LMW	P1C0193
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	3/9/11 13:59	LMW	P1C0193
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	3/9/11 13:59	LMW	P1C0193
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	3/9/11 13:59	LMW	P1C0193
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	3/9/11 13:59	LMW	P1C0193
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	3/9/11 13:59	LMW	P1C0193
Acetone	BRL	ug/L	5.0	0.62	1	*8260B	3/9/11 13:59	LMW	P1C0193
Acrolein	BRL	ug/L	20	1.1	1	*8260B	3/9/11 13:59	LMW	P1C0193
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	3/9/11 13:59	LMW	P1C0193
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 13:59	LMW	P1C0193
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	3/9/11 13:59	LMW	P1C0193
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 13:59	LMW	P1C0193
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	3/9/11 13:59	LMW	P1C0193
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	3/9/11 13:59	LMW	P1C0193
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	3/9/11 13:59	LMW	P1C0193
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	3/9/11 13:59	LMW	P1C0193
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 13:59	LMW	P1C0193
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	3/9/11 13:59	LMW	P1C0193
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 13:59	LMW	P1C0193
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	3/9/11 13:59	LMW	P1C0193
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	3/9/11 13:59	LMW	P1C0193
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	3/9/11 13:59	LMW	P1C0193
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	3/9/11 13:59	LMW	P1C0193

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Laboratory Report

03/16/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TRIP BLANK
Prism Sample ID: 1030119-16
Prism Work Order: 1030119
Time Collected: 03/02/11 00:00
Time Submitted: 03/03/11 14:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	3/9/11 13:59	LMW	P1C0193
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	3/9/11 13:59	LMW	P1C0193
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 13:59	LMW	P1C0193
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	3/9/11 13:59	LMW	P1C0193
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	3/9/11 13:59	LMW	P1C0193
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 13:59	LMW	P1C0193
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	3/9/11 13:59	LMW	P1C0193
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	3/9/11 13:59	LMW	P1C0193
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	3/9/11 13:59	LMW	P1C0193
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	3/9/11 13:59	LMW	P1C0193
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	3/9/11 13:59	LMW	P1C0193
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	3/9/11 13:59	LMW	P1C0193
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	3/9/11 13:59	LMW	P1C0193
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	3/9/11 13:59	LMW	P1C0193
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	3/9/11 13:59	LMW	P1C0193
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	3/9/11 13:59	LMW	P1C0193
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	3/9/11 13:59	LMW	P1C0193
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	3/9/11 13:59	LMW	P1C0193
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	3/9/11 13:59	LMW	P1C0193
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	3/9/11 13:59	LMW	P1C0193
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	3/9/11 13:59	LMW	P1C0193
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	3/9/11 13:59	LMW	P1C0193
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	3/9/11 13:59	LMW	P1C0193
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	3/9/11 13:59	LMW	P1C0193
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	3/9/11 13:59	LMW	P1C0193
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	3/9/11 13:59	LMW	P1C0193
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	3/9/11 13:59	LMW	P1C0193
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	3/9/11 13:59	LMW	P1C0193
TIC: Tentatively Identified Compounds	Not Detected	ug/L			1	*8260B	3/9/11 13:59	LMW	P1C0193

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*94 %*	*80-124*
Dibromofluoromethane	*105 %*	*75-129*
Toluene-d8	*93 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1030119
Time Submitted: 3/3/11 2:20:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C0193 - 5030B										
Blank (P1C0193-BLK1)				Prepared & Analyzed: 03/09/11						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	2.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							

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Prism Work Order: 1030119
Time Submitted: 3/3/11 2:20:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C0193 - 5030B										
Blank (P1C0193-BLK1)				Prepared & Analyzed: 03/09/11						
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Surrogate: 4-Bromofluorobenzene	*23.6*		*ug/L*	*25.0*		*95*	*80-124*			
Surrogate: Dibromofluoromethane	*27.2*		*ug/L*	*25.0*		*109*	*75-129*			
Surrogate: Toluene-d8	*23.2*		*ug/L*	*25.0*		*93*	*77-123*			

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Prism Work Order: 1030119
Time Submitted: 3/3/11 2:20:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C0193 - 5030B										
LCS (P1C0193-BS1)				Prepared & Analyzed: 03/09/11						
1,1-Dichloroethylene	59.2	0.50	ug/L	50.0		118	70-154			
Benzene	48.0	0.50	ug/L	50.0		96	77-128			
Chlorobenzene	49.4	0.50	ug/L	50.0		99	78-119			
Toluene	50.7	0.50	ug/L	50.0		101	76-131			
Trichloroethylene	49.3	0.50	ug/L	50.0		99	77-133			
Surrogate: 4-Bromofluorobenzene	*26.3*		*ug/L*	*25.0*		*105*	*80-124*			
Surrogate: Dibromofluoromethane	*26.0*		*ug/L*	*25.0*		*104*	*75-129*			
Surrogate: Toluene-d8	*25.7*		*ug/L*	*25.0*		*103*	*77-123*			
LCS Dup (P1C0193-BSD1)				Prepared & Analyzed: 03/09/11						
1,1-Dichloroethylene	61.6	0.50	ug/L	50.0		123	70-154	4	200	
Benzene	49.7	0.50	ug/L	50.0		99	77-128	3	200	
Chlorobenzene	51.9	0.50	ug/L	50.0		104	78-119	5	200	
Toluene	52.2	0.50	ug/L	50.0		104	76-131	3	200	
Trichloroethylene	51.1	0.50	ug/L	50.0		102	77-133	4	200	
Surrogate: 4-Bromofluorobenzene	*25.9*		*ug/L*	*25.0*		*104*	*80-124*			
Surrogate: Dibromofluoromethane	*25.7*		*ug/L*	*25.0*		*103*	*75-129*			
Surrogate: Toluene-d8	*25.2*		*ug/L*	*25.0*		*101*	*77-123*			
Matrix Spike (P1C0193-MS1)		**Source: 1030119-06**		Prepared & Analyzed: 03/09/11						
1,1-Dichloroethylene	566	5.0	ug/L	500	BRL	113	65-162			
Benzene	476	5.0	ug/L	500	BRL	95	73-131			
Chlorobenzene	490	5.0	ug/L	500	BRL	98	76-119			
Toluene	497	5.0	ug/L	500	BRL	99	72-135			
Trichloroethylene	476	5.0	ug/L	500	BRL	95	72-133			
Surrogate: 4-Bromofluorobenzene	*26.1*		*ug/L*	*25.0*		*104*	*80-124*			
Surrogate: Dibromofluoromethane	*25.9*		*ug/L*	*25.0*		*104*	*75-129*			
Surrogate: Toluene-d8	*26.1*		*ug/L*	*25.0*		*104*	*77-123*			

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1030119
Time Submitted: 3/3/11 2:20:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C0193 - 5030B										
Matrix Spike Dup (P1C0193-MSD1)		**Source: 1030119-06**		Prepared & Analyzed: 03/09/11						
1,1-Dichloroethylene	538	5.0	ug/L	500	BRL	108	65-162	5	20	
Benzene	457	5.0	ug/L	500	BRL	91	73-131	4	17	
Chlorobenzene	474	5.0	ug/L	500	BRL	95	76-119	3	20	
Toluene	478	5.0	ug/L	500	BRL	96	72-135	4	18	
Trichloroethylene	449	5.0	ug/L	500	BRL	90	72-133	6	17	
Surrogate: 4-Bromofluorobenzene	*26.1*		*ug/L*	*25.0*		*104*	*80-124*			
Surrogate: Dibromofluoromethane	*26.6*		*ug/L*	*25.0*		*106*	*75-129*			
Surrogate: Toluene-d8	*25.9*		*ug/L*	*25.0*		*104*	*77-123*			

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Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1030119
Time Submitted: 3/3/11 2:20:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C0198 - 3010A										
Blank (P1C0198-BLK1)				Prepared: 03/09/11	Analyzed: 03/10/11					
Antimony	BRL	0.010	mg/L							
Arsenic	BRL	0.010	mg/L							
Beryllium	BRL	0.0020	mg/L							
Cadmium	BRL	0.0010	mg/L							
Chromium	BRL	0.0050	mg/L							
Copper	BRL	0.010	mg/L							
Lead	BRL	0.0050	mg/L							
Manganese	BRL	0.010	mg/L							
Nickel	BRL	0.010	mg/L							
Selenium	BRL	0.020	mg/L							
Silver	BRL	0.0050	mg/L							
Thallium	BRL	0.010	mg/L							
Zinc	BRL	0.030	mg/L							
LCS (P1C0198-BS1)				Prepared: 03/09/11	Analyzed: 03/10/11					
Antimony	0.254	0.010	mg/L	0.250		101	80-120			
Arsenic	0.258	0.010	mg/L	0.250		103	80-120			
Beryllium	0.261	0.0020	mg/L	0.250		104	80-120			
Cadmium	0.257	0.0010	mg/L	0.250		103	80-120			
Chromium	0.258	0.0050	mg/L	0.250		103	80-120			
Copper	0.259	0.010	mg/L	0.250		103	80-120			
Lead	0.262	0.0050	mg/L	0.250		105	80-120			
Manganese	0.266	0.010	mg/L	0.250		106	80-120			
Nickel	0.259	0.010	mg/L	0.250		104	80-120			
Selenium	0.265	0.020	mg/L	0.250		106	80-120			
Silver	0.259	0.0050	mg/L	0.250		104	80-120			
Thallium	0.264	0.010	mg/L	0.250		106	80-120			
Zinc	0.265	0.030	mg/L	0.250		106	80-120			

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Project: Trion, Inc. Facility

Prism Work Order: 1030119
Time Submitted: 3/3/11 2:20:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C0198 - 3010A										
Matrix Spike (P1C0198-MS1)		**Source: 1030119-01**		Prepared: 03/09/11	Analyzed: 03/10/11					
Antimony	0.241	0.010	mg/L	0.250	BRL	96	75-125			
Arsenic	0.265	0.010	mg/L	0.250	0.00542	104	75-125			
Beryllium	0.256	0.0020	mg/L	0.250	BRL	103	75-125			
Cadmium	0.251	0.0010	mg/L	0.250	BRL	100	75-125			
Chromium	0.259	0.0050	mg/L	0.250	0.00725	101	75-125			
Copper	0.278	0.010	mg/L	0.250	0.0170	104	75-125			
Lead	0.252	0.0050	mg/L	0.250	0.00228	100	75-125			
Manganese	0.550	0.010	mg/L	0.250	0.285	106	75-125			
Nickel	0.256	0.010	mg/L	0.250	0.00509	100	75-125			
Selenium	0.265	0.020	mg/L	0.250	BRL	106	75-125			
Silver	0.259	0.0050	mg/L	0.250	BRL	103	75-125			
Thallium	0.254	0.010	mg/L	0.250	BRL	102	75-125			
Zinc	0.419	0.030	mg/L	0.250	0.154	106	75-125			
Matrix Spike Dup (P1C0198-MSD1)		**Source: 1030119-01**		Prepared: 03/09/11	Analyzed: 03/10/11					
Antimony	0.244	0.010	mg/L	0.250	BRL	97	75-125	1	20	
Arsenic	0.263	0.010	mg/L	0.250	0.00542	103	75-125	0.5	20	
Beryllium	0.258	0.0020	mg/L	0.250	BRL	103	75-125	0.9	20	
Cadmium	0.250	0.0010	mg/L	0.250	BRL	100	75-125	0.6	20	
Chromium	0.261	0.0050	mg/L	0.250	0.00725	102	75-125	1	20	
Copper	0.277	0.010	mg/L	0.250	0.0170	104	75-125	0.6	20	
Lead	0.254	0.0050	mg/L	0.250	0.00228	101	75-125	0.8	20	
Manganese	0.552	0.010	mg/L	0.250	0.285	107	75-125	0.4	20	
Nickel	0.256	0.010	mg/L	0.250	0.00509	100	75-125	0.06	20	
Selenium	0.262	0.020	mg/L	0.250	BRL	105	75-125	1	20	
Silver	0.258	0.0050	mg/L	0.250	BRL	103	75-125	0.4	20	
Thallium	0.255	0.010	mg/L	0.250	BRL	102	75-125	0.2	20	
Zinc	0.419	0.030	mg/L	0.250	0.154	106	75-125	0.08	20	

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Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1030119
Time Submitted: 3/3/11 2:20:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C0240 - 7470A										
Blank (P1C0240-BLK1)				Prepared: 03/10/11		Analyzed: 03/11/11				
Mercury	BRL	0.00020	mg/L							
LCS (P1C0240-BS1)				Prepared: 03/10/11		Analyzed: 03/11/11				
Mercury	0.00875	0.00020	mg/L	0.00938		93	80-120			
Matrix Spike (P1C0240-MS1)		**Source: 1030119-01**		Prepared: 03/10/11		Analyzed: 03/11/11				
Mercury	0.00859	0.00020	mg/L	0.00938	BRL	92	80-120			
Matrix Spike Dup (P1C0240-MSD1)		**Source: 1030119-01**		Prepared: 03/10/11		Analyzed: 03/11/11				
Mercury	0.00865	0.00020	mg/L	0.00938	BRL	92	80-120	0.6	20	

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Sample Extraction Data

Prep Method: 3010A

Lab Number	Batch	Initial	Final	Date
1030119-01	P1C0198	50 mL	50 mL	03/09/11
1030119-01	P1C0198	50 mL	50 mL	03/09/11
1030119-02	P1C0198	50 mL	50 mL	03/09/11
1030119-02	P1C0198	50 mL	50 mL	03/09/11
1030119-03	P1C0198	50 mL	50 mL	03/09/11
1030119-03	P1C0198	50 mL	50 mL	03/09/11
1030119-04	P1C0198	50 mL	50 mL	03/09/11
1030119-04	P1C0198	50 mL	50 mL	03/09/11
1030119-05	P1C0198	50 mL	50 mL	03/09/11
1030119-05	P1C0198	50 mL	50 mL	03/09/11
1030119-06	P1C0198	50 mL	50 mL	03/09/11
1030119-06	P1C0198	50 mL	50 mL	03/09/11
1030119-07	P1C0198	50 mL	50 mL	03/09/11
1030119-07	P1C0198	50 mL	50 mL	03/09/11
1030119-08	P1C0198	50 mL	50 mL	03/09/11
1030119-09	P1C0198	50 mL	50 mL	03/09/11
1030119-10	P1C0198	50 mL	50 mL	03/09/11
1030119-11	P1C0198	50 mL	50 mL	03/09/11
1030119-12	P1C0198	50 mL	50 mL	03/09/11
1030119-13	P1C0198	50 mL	50 mL	03/09/11
1030119-14	P1C0198	50 mL	50 mL	03/09/11

Prep Method: 7470A

Lab Number	Batch	Initial	Final	Date
1030119-01	P1C0240	20 mL	30 mL	03/10/11
1030119-02	P1C0240	20 mL	30 mL	03/10/11
1030119-03	P1C0240	20 mL	30 mL	03/10/11
1030119-04	P1C0240	20 mL	30 mL	03/10/11
1030119-05	P1C0240	20 mL	30 mL	03/10/11
1030119-06	P1C0240	20 mL	30 mL	03/10/11
1030119-07	P1C0240	20 mL	30 mL	03/10/11
1030119-08	P1C0240	20 mL	30 mL	03/10/11
1030119-09	P1C0240	20 mL	30 mL	03/10/11
1030119-10	P1C0240	20 mL	30 mL	03/10/11
1030119-11	P1C0240	20 mL	30 mL	03/10/11
1030119-12	P1C0240	20 mL	30 mL	03/10/11
1030119-13	P1C0240	20 mL	30 mL	03/10/11
1030119-14	P1C0240	20 mL	30 mL	03/10/11

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date
1030119-01	P1C0193	10 mL	10 mL	03/09/11
1030119-02	P1C0193	10 mL	10 mL	03/09/11
1030119-03	P1C0193	10 mL	10 mL	03/09/11
1030119-04	P1C0193	10 mL	10 mL	03/09/11
1030119-05	P1C0193	10 mL	10 mL	03/09/11
1030119-06	P1C0193	10 mL	10 mL	03/09/11
1030119-07	P1C0193	10 mL	10 mL	03/09/11
1030119-07	P1C0193	10 mL	10 mL	03/09/11
1030119-08	P1C0193	10 mL	10 mL	03/09/11
1030119-09	P1C0193	10 mL	10 mL	03/09/11
1030119-10	P1C0193	10 mL	10 mL	03/09/11
1030119-11	P1C0193	10 mL	10 mL	03/09/11
1030119-12	P1C0193	10 mL	10 mL	03/09/11
1030119-13	P1C0193	10 mL	10 mL	03/09/11

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Sample Extraction Data

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date
1030119-14	P1C0193	10 mL	10 mL	03/09/11
1030119-15	P1C0193	10 mL	10 mL	03/09/11
1030119-16	P1C0193	10 mL	10 mL	03/09/11

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PAGE 1 OF 2 QUOTE # TO ENSURE PROPER BILLING: _____

Project Name: Trion, Inc. Facility
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: H+H
Address: same

Client Company Name: Hart + Hickman
Report To/Contact Name: Leo Moretz, Tim Klotz
Reporting Address: 3334 Hillsborough St. Raleigh, NC 27607
Phone: 919-847-4241 Fax (Yes) (No): _____
Email (Yes) (No) Email Address lmoretz@harthickman.com
EDD Type: PDF____ Excel ___ Other tklotz@harthickman.com
Site Location Name: Trion, Inc. Facility
Site Location Physical Address: Sanford, NC

Purchase Order No./Billing Reference BAI-ØØ2
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☒ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	X		
Received ON WET ICE? Temp 1.2	X		
PROPER PRESERVATIVES indicated?	X		
Received WITHIN HOLDING TIMES?	X		
CUSTODY SEALS INTACT?			X
VOLATILES rec'd W/OUT HEADSPACE?	X	X	
PROPER CONTAINERS used?	X		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC____ USACE____ FL____ NC ✓ SC____ OTHER _____ N/A _____
Water Chlorinated: YES___ NO___
Sample Iced Upon Collection: YES ✓ NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	VOCs by 8260 + TICs per Work Plan	Total Metals 6010	PRIORITY POLL. + Mn				REMARKS	PRISM LAB ID NO.
TMW-1	3-1-11	900	water	VOA, P	4	40, 125mL	HCl, HNO_3	X	X					1 VOA Rec'd w/Headspace	01
TMW-2	3-2-11	1055	water	VOA, P	4	40, 125mL	HCl, HNO_3	X	X						02
TMW-3	3-1-11	1005	water	VOA, P	4	40, 125mL	HCl, HNO3	X	X						03
TMW-4	3-2-11	1355	water	VOA, P	4	40, 125mL	HCl, HNO_3	X	X						04
MW-6	3-2-11	1440	water	VOA, P	4	40, 125mL	HCl, HNO_3	X	X					1 VOA Rec'd w/Headspace	05
MW-7	3-2-11	1315	water	VOA, P	4	40, 125mL	HCl, HNO_3	X	X						06
MW-8	3-1-11	1340	water	VOA, P	4	40, 125mL	HCl, HNO_3	X	X						07
MW-9	3-2-11	1140	water	VOA, P	4	40, 125mL	HCl, HNO_3	X	X						08
MW-10	3-1-11	1215	water	VOA, P	4	40, 125mL	HCl, HNO_3	X	X						09
MW-11	3-1-11	1120	water	VOA, P	4	40, 125mL	HCl, HNO_3	X	X						10

Sampler's Signature [signature] Sampled By (Print Name) Timothy Klotz Affiliation H+H

PRESS DOWN FIRMLY - 3 COPIES

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature) [signature]	Received By: (Signature) [signature]	030311	1145
Relinquished By: (Signature) [signature]	Received By: (Signature) [signature]	3/3/11	12:40
Relinquished By: (Signature) [signature] 3/3/11 14:20	Received For Prism Laboratories By: [signature]	3/3/11	14:20

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☒ Prism Field Service ☐ Other _____
COC Group No. 1030119

Additional Comments:

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
☐ _____	☐	☐	☐	☐	☐	☐	☐	☐

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL

CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions
449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6364 • Fax: 704/525-0409

PAGE 2 OF 2 QUOTE # TO ENSURE PROPER BILLING: _____

Client Company Name: Hart & Hickman
Report To/Contact Name: Leo Moretz
Reporting Address: 3334 Hillsborough St. Raleigh NC
Phone: 919-847-4241 Fax (Yes) (No): _____
Email (Yes) (No) Email Address: lmoretz@harthickman.com
EDD Type: PDF____ Excel____ Other_____
Site Location Name: Trion, Inc. Facility
Site Location Physical Address: Sanford, NC

Project Name: Trion, Inc. Facility
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: H+H
Address: Same

Purchase Order No./Billing Reference: BAI-002
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☒ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	X		
Received ON WET ICE? Temp 1.2	X		
PROPER PRESERVATIVES indicated?	X		
Received WITHIN HOLDING TIMES?	X		
CUSTODY SEALS INTACT?			X
VOLATILES rec'd W/OUT HEADSPACE?	X	X	
PROPER CONTAINERS used?	X		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC____ USACE____ FL____ NC ✓
SC____ OTHER_____ N/A_____
Water Chlorinated: YES___ NO___
Sample Iced Upon Collection: YES ___/NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	VOCs by 8260 X710	Total Metals 6010					REMARKS	PRISM LAB ID NO.
MW-12	3-1-11	1040	water	VOA, P	4	40, 125mL	HCl, HNO_3	X	X						11
MW-13	3-2-11	815	water	VOA, P	4	40, 125mL	HCl, HNO_3	X	X						12
MW-14	3-2-11	1010	water	VOA, P	4	40, 125mL	HCl, HNO_3	X	X						13
MW-15	3-2-11	900	water	VOA, P	4	40, 125mL	HCl, HNO_3	X	X						14
MW-DUP	—	—	water	VOA	3	40, ~~125~~ TAK	HCl	X							15
Trip Blank	—	—	water	VOA	2	40mL	HCl	X							16

Sampler's Signature: [signature] Sampled By (Print Name): Timothy Klotz Affiliation: H+H

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Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
[signature]	Alex Lassiter	030311	1145
Alex Lassiter	[signature]	3/3/11	1240
[signature] 3/3/11 1420	Received For Prism Laboratories By: [signature]	3/3/11	14:20

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☒ Prism Field Service ☐ Other _____

COC Group No. 1030119

Additional Comments: 61

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
☐ _____	☐	☐	☐	☐	☐	☐	☐ _____	☐ _____

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL

Case Narrative

05/27/2011

Hart & Hickman (Raleigh)
Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Lab Submittal Date: 05/13/2011
Prism Work Order: 1050433

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

President/Project Manager

Reviewed By

Data Qualifiers Key Reference:

BL	MB greater than one half of the RL, but the sample concentrations are less than the RL.
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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Sample Receipt Summary

05/27/2011

Prism Work Order: 1050433

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
TMW-5	1050433-01	Water	05/12/11	05/13/11
MW-13	1050433-02	Water	05/12/11	05/13/11
Trip Blank	1050433-03	Water	05/12/11	05/13/11

Samples received in good condition at 2.4 degrees C unless otherwise noted.

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

PRISM LABORATORIES, INC. Full-Service Analytical & Environmental Solutions

Laboratory Report

05/27/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-5
Prism Sample ID: 1050433-01
Prism Work Order: 1050433
Time Collected: 05/12/11 08:20
Time Submitted: 05/13/11 15:50

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Total Metals									
Mercury	BRL	mg/L	0.00020	0.000014	1	*7470A	5/19/11 13:11	LTB	P1E0414
Antimony	BRL	mg/L	0.010	0.00060	1	*6010C	5/19/11 0:24	DWR	P1E0339
Arsenic	BRL	mg/L	0.010	0.0020	1	*6010C	5/19/11 0:24	DWR	P1E0339
Beryllium	BRL	mg/L	0.0020	0.00015	1	*6010C	5/20/11 12:03	DWR	P1E0339
Cadmium	BRL	mg/L	0.0010	0.000086	1	*6010C	5/19/11 0:24	DWR	P1E0339
Chromium	BRL	mg/L	0.0050	0.00017	1	*6010C	5/19/11 0:24	DWR	P1E0339
Copper	**0.039**	**mg/L**	**0.010**	**0.00068**	**1**	***6010C**	**5/19/11 0:24**	**DWR**	**P1E0339**
Lead	BRL	mg/L	0.0050	0.00077	1	*6010C	5/19/11 0:24	DWR	P1E0339
Manganese	**0.26**	**mg/L**	**0.010**	**0.00057**	**1**	***6010C**	**5/19/11 0:24**	**DWR**	**P1E0339**
Nickel	BRL	mg/L	0.010	0.00035	1	*6010C	5/19/11 0:24	DWR	P1E0339
Selenium	BRL	mg/L	0.020	0.0023	1	*6010C	5/19/11 0:24	DWR	P1E0339
Silver	BRL	mg/L	0.0050	0.00034	1	*6010C	5/19/11 0:24	DWR	P1E0339
Thallium	BRL	mg/L	0.010	0.00081	1	*6010C	5/19/11 0:24	DWR	P1E0339
Zinc	**0.13**	**mg/L**	**0.030**	**0.00083**	**1**	***6010C**	**5/19/11 0:24**	**DWR**	**P1E0339**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/20/11 23:12	MGB	P1E0482
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/20/11 23:12	MGB	P1E0482
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/20/11 23:12	MGB	P1E0482
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/20/11 23:12	MGB	P1E0482
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/20/11 23:12	MGB	P1E0482
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/20/11 23:12	MGB	P1E0482
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	5/20/11 23:12	MGB	P1E0482
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	5/20/11 23:12	MGB	P1E0482
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/20/11 23:12	MGB	P1E0482
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	5/20/11 23:12	MGB	P1E0482
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	5/20/11 23:12	MGB	P1E0482
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/20/11 23:12	MGB	P1E0482
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/20/11 23:12	MGB	P1E0482
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/20/11 23:12	MGB	P1E0482
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/20/11 23:12	MGB	P1E0482
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/20/11 23:12	MGB	P1E0482
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	5/20/11 23:12	MGB	P1E0482
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	5/20/11 23:12	MGB	P1E0482
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	5/20/11 23:12	MGB	P1E0482
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/20/11 23:12	MGB	P1E0482
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	5/20/11 23:12	MGB	P1E0482
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	5/20/11 23:12	MGB	P1E0482
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	5/20/11 23:12	MGB	P1E0482
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	5/20/11 23:12	MGB	P1E0482
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	5/20/11 23:12	MGB	P1E0482
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/20/11 23:12	MGB	P1E0482
Acrolein	BRL	ug/L	20	1.1	1	8260B	5/20/11 23:12	MGB	P1E0482

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Laboratory Report

05/27/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-5
Prism Sample ID: 1050433-01
Prism Work Order: 1050433
Time Collected: 05/12/11 08:20
Time Submitted: 05/13/11 15:50

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/20/11 23:12	MGB	P1E0482
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/20/11 23:12	MGB	P1E0482
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	5/20/11 23:12	MGB	P1E0482
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/20/11 23:12	MGB	P1E0482
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/20/11 23:12	MGB	P1E0482
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/20/11 23:12	MGB	P1E0482
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/20/11 23:12	MGB	P1E0482
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/20/11 23:12	MGB	P1E0482
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/20/11 23:12	MGB	P1E0482
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/20/11 23:12	MGB	P1E0482
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/20/11 23:12	MGB	P1E0482
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/20/11 23:12	MGB	P1E0482
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/20/11 23:12	MGB	P1E0482
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/20/11 23:12	MGB	P1E0482
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/20/11 23:12	MGB	P1E0482
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/20/11 23:12	MGB	P1E0482
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/20/11 23:12	MGB	P1E0482
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	5/20/11 23:12	MGB	P1E0482
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/20/11 23:12	MGB	P1E0482
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	5/20/11 23:12	MGB	P1E0482
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	5/20/11 23:12	MGB	P1E0482
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	5/20/11 23:12	MGB	P1E0482
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/20/11 23:12	MGB	P1E0482
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/20/11 23:12	MGB	P1E0482
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/20/11 23:12	MGB	P1E0482
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/20/11 23:12	MGB	P1E0482
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/20/11 23:12	MGB	P1E0482
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	5/20/11 23:12	MGB	P1E0482
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	5/20/11 23:12	MGB	P1E0482
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	5/20/11 23:12	MGB	P1E0482
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	5/20/11 23:12	MGB	P1E0482
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/20/11 23:12	MGB	P1E0482
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	5/20/11 23:12	MGB	P1E0482
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/20/11 23:12	MGB	P1E0482
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	5/20/11 23:12	MGB	P1E0482
Tetrachloroethylene	**0.57**	**ug/L**	**0.50**	**0.069**	**1**	**8260B**	**5/20/11 23:12**	**MGB**	**P1E0482**
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/20/11 23:12	MGB	P1E0482
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/20/11 23:12	MGB	P1E0482
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/20/11 23:12	MGB	P1E0482
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/20/11 23:12	MGB	P1E0482
Trichlorofluoromethane	**2.2**	**ug/L**	**0.50**	**0.088**	**1**	**8260B**	**5/20/11 23:12**	**MGB**	**P1E0482**
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/20/11 23:12	MGB	P1E0482
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/20/11 23:12	MGB	P1E0482

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: TMW-5
Prism Sample ID: 1050433-01
Prism Work Order: 1050433
Time Collected: 05/12/11 08:20
Time Submitted: 05/13/11 15:50

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
TIC: Tentatively Identified Compounds	Not Detected	ug/L			1	8260B	5/20/11 23:12	MGB	P1E0482

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*102 %*	*80-124*
Dibromofluoromethane	*102 %*	*75-129*
Toluene-d8	*95 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-13
Prism Sample ID: 1050433-02
Prism Work Order: 1050433
Time Collected: 05/12/11 09:15
Time Submitted: 05/13/11 15:50

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/20/11 23:38	MGB	P1E0482
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/20/11 23:38	MGB	P1E0482
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/20/11 23:38	MGB	P1E0482
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/20/11 23:38	MGB	P1E0482
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/20/11 23:38	MGB	P1E0482
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/20/11 23:38	MGB	P1E0482
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	5/20/11 23:38	MGB	P1E0482
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	5/20/11 23:38	MGB	P1E0482
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/20/11 23:38	MGB	P1E0482
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	5/20/11 23:38	MGB	P1E0482
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	5/20/11 23:38	MGB	P1E0482
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/20/11 23:38	MGB	P1E0482
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/20/11 23:38	MGB	P1E0482
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/20/11 23:38	MGB	P1E0482
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/20/11 23:38	MGB	P1E0482
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/20/11 23:38	MGB	P1E0482
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	5/20/11 23:38	MGB	P1E0482
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	5/20/11 23:38	MGB	P1E0482
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	5/20/11 23:38	MGB	P1E0482
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/20/11 23:38	MGB	P1E0482
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	5/20/11 23:38	MGB	P1E0482
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	5/20/11 23:38	MGB	P1E0482
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	5/20/11 23:38	MGB	P1E0482
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	5/20/11 23:38	MGB	P1E0482
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	5/20/11 23:38	MGB	P1E0482
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/20/11 23:38	MGB	P1E0482
Acrolein	BRL	ug/L	20	1.1	1	8260B	5/20/11 23:38	MGB	P1E0482
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/20/11 23:38	MGB	P1E0482
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/20/11 23:38	MGB	P1E0482
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	5/20/11 23:38	MGB	P1E0482
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/20/11 23:38	MGB	P1E0482
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/20/11 23:38	MGB	P1E0482
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/20/11 23:38	MGB	P1E0482
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/20/11 23:38	MGB	P1E0482
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/20/11 23:38	MGB	P1E0482
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/20/11 23:38	MGB	P1E0482
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/20/11 23:38	MGB	P1E0482
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/20/11 23:38	MGB	P1E0482
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/20/11 23:38	MGB	P1E0482
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/20/11 23:38	MGB	P1E0482
cis-1,2-Dichloroethylene	**39**	**ug/L**	**0.50**	**0.076**	**1**	**8260B**	**5/20/11 23:38**	**MGB**	**P1E0482**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/20/11 23:38	MGB	P1E0482

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Laboratory Report

05/27/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: MW-13
Prism Sample ID: 1050433-02
Prism Work Order: 1050433
Time Collected: 05/12/11 09:15
Time Submitted: 05/13/11 15:50

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/20/11 23:38	MGB	P1E0482
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/20/11 23:38	MGB	P1E0482
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	5/20/11 23:38	MGB	P1E0482
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/20/11 23:38	MGB	P1E0482
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	5/20/11 23:38	MGB	P1E0482
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	5/20/11 23:38	MGB	P1E0482
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	5/20/11 23:38	MGB	P1E0482
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/20/11 23:38	MGB	P1E0482
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/20/11 23:38	MGB	P1E0482
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/20/11 23:38	MGB	P1E0482
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/20/11 23:38	MGB	P1E0482
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/20/11 23:38	MGB	P1E0482
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	5/20/11 23:38	MGB	P1E0482
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	5/20/11 23:38	MGB	P1E0482
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	5/20/11 23:38	MGB	P1E0482
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	5/20/11 23:38	MGB	P1E0482
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/20/11 23:38	MGB	P1E0482
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	5/20/11 23:38	MGB	P1E0482
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/20/11 23:38	MGB	P1E0482
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	5/20/11 23:38	MGB	P1E0482
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/20/11 23:38	MGB	P1E0482
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/20/11 23:38	MGB	P1E0482
trans-1,2-Dichloroethylene	**1.8**	**ug/L**	**0.50**	**0.12**	**1**	**8260B**	**5/20/11 23:38**	**MGB**	**P1E0482**
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/20/11 23:38	MGB	P1E0482
Trichloroethylene	**34**	**ug/L**	**0.50**	**0.054**	**1**	**8260B**	**5/20/11 23:38**	**MGB**	**P1E0482**
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/20/11 23:38	MGB	P1E0482
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/20/11 23:38	MGB	P1E0482
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/20/11 23:38	MGB	P1E0482
TIC: Tentatively Identified Compounds	Not Detected	ug/L			1	8260B	5/20/11 23:38	MGB	P1E0482

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*101 %*	*80-124*
Dibromofluoromethane	*98 %*	*75-129*
Toluene-d8	*93 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: Trip Blank
Prism Sample ID: 1050433-03
Prism Work Order: 1050433
Time Collected: 05/12/11 09:15
Time Submitted: 05/13/11 15:50

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	5/20/11 18:55	MGB	P1E0482
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	5/20/11 18:55	MGB	P1E0482
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	5/20/11 18:55	MGB	P1E0482
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	5/20/11 18:55	MGB	P1E0482
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	5/20/11 18:55	MGB	P1E0482
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	5/20/11 18:55	MGB	P1E0482
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	5/20/11 18:55	MGB	P1E0482
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	5/20/11 18:55	MGB	P1E0482
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	5/20/11 18:55	MGB	P1E0482
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	5/20/11 18:55	MGB	P1E0482
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	5/20/11 18:55	MGB	P1E0482
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	5/20/11 18:55	MGB	P1E0482
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	5/20/11 18:55	MGB	P1E0482
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	5/20/11 18:55	MGB	P1E0482
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	5/20/11 18:55	MGB	P1E0482
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	5/20/11 18:55	MGB	P1E0482
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	5/20/11 18:55	MGB	P1E0482
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	5/20/11 18:55	MGB	P1E0482
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	5/20/11 18:55	MGB	P1E0482
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	5/20/11 18:55	MGB	P1E0482
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	5/20/11 18:55	MGB	P1E0482
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	5/20/11 18:55	MGB	P1E0482
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	5/20/11 18:55	MGB	P1E0482
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	5/20/11 18:55	MGB	P1E0482
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	5/20/11 18:55	MGB	P1E0482
Acetone	BRL	ug/L	5.0	0.62	1	8260B	5/20/11 18:55	MGB	P1E0482
Acrolein	BRL	ug/L	20	1.1	1	8260B	5/20/11 18:55	MGB	P1E0482
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	5/20/11 18:55	MGB	P1E0482
Benzene	BRL	ug/L	0.50	0.072	1	8260B	5/20/11 18:55	MGB	P1E0482
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	5/20/11 18:55	MGB	P1E0482
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	5/20/11 18:55	MGB	P1E0482
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	5/20/11 18:55	MGB	P1E0482
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	5/20/11 18:55	MGB	P1E0482
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	5/20/11 18:55	MGB	P1E0482
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	5/20/11 18:55	MGB	P1E0482
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	5/20/11 18:55	MGB	P1E0482
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	5/20/11 18:55	MGB	P1E0482
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	5/20/11 18:55	MGB	P1E0482
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	5/20/11 18:55	MGB	P1E0482
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	5/20/11 18:55	MGB	P1E0482
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	5/20/11 18:55	MGB	P1E0482
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	5/20/11 18:55	MGB	P1E0482

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Laboratory Report

05/27/2011

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Sample Matrix: Water

Client Sample ID: Trip Blank
Prism Sample ID: 1050433-03
Prism Work Order: 1050433
Time Collected: 05/12/11 09:15
Time Submitted: 05/13/11 15:50

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	5/20/11 18:55	MGB	P1E0482
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	5/20/11 18:55	MGB	P1E0482
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	5/20/11 18:55	MGB	P1E0482
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	5/20/11 18:55	MGB	P1E0482
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	5/20/11 18:55	MGB	P1E0482
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	5/20/11 18:55	MGB	P1E0482
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	5/20/11 18:55	MGB	P1E0482
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	5/20/11 18:55	MGB	P1E0482
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	5/20/11 18:55	MGB	P1E0482
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	5/20/11 18:55	MGB	P1E0482
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	5/20/11 18:55	MGB	P1E0482
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	5/20/11 18:55	MGB	P1E0482
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	5/20/11 18:55	MGB	P1E0482
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	5/20/11 18:55	MGB	P1E0482
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	5/20/11 18:55	MGB	P1E0482
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	5/20/11 18:55	MGB	P1E0482
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	5/20/11 18:55	MGB	P1E0482
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	5/20/11 18:55	MGB	P1E0482
Styrene	BRL	ug/L	0.50	0.047	1	8260B	5/20/11 18:55	MGB	P1E0482
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	5/20/11 18:55	MGB	P1E0482
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	5/20/11 18:55	MGB	P1E0482
Toluene	BRL	ug/L	0.50	0.042	1	8260B	5/20/11 18:55	MGB	P1E0482
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	5/20/11 18:55	MGB	P1E0482
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	5/20/11 18:55	MGB	P1E0482
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	5/20/11 18:55	MGB	P1E0482
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	5/20/11 18:55	MGB	P1E0482
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	5/20/11 18:55	MGB	P1E0482
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	5/20/11 18:55	MGB	P1E0482
TIC: Tentatively Identified Compounds	Not Detected	ug/L			1	8260B	5/20/11 18:55	MGB	P1E0482

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*102 %*	*80-124*
Dibromofluoromethane	*99 %*	*75-129*
Toluene-d8	*94 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1050433
Time Submitted: 5/13/2011 3:50:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E0482 - 5030B										
Blank (P1E0482-BLK1)				Prepared & Analyzed: 05/20/11						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	2.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1050433
Time Submitted: 5/13/2011 3:50:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E0482 - 5030B										
Blank (P1E0482-BLK1)				Prepared & Analyzed: 05/20/11						
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Tentatively Identified Compounds	Not Detected		ug/L							
Surrogate: 4-Bromofluorobenzene	*24.8*		*ug/L*	*25.0*		*99*	*80-124*			
Surrogate: Dibromofluoromethane	*24.8*		*ug/L*	*25.0*		*99*	*75-129*			
Surrogate: Toluene-d8	*23.5*		*ug/L*	*25.0*		*94*	*77-123*			

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Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1050433
Time Submitted: 5/13/2011 3:50:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E0482 - 5030B										
LCS (P1E0482-BS1)				Prepared & Analyzed: 05/20/11						
1,1-Dichloroethylene	20.4	0.50	ug/L	20.0		102	70-154			
Benzene	21.4	0.50	ug/L	20.0		107	77-128			
Chlorobenzene	20.8	0.50	ug/L	20.0		104	78-119			
Toluene	21.4	0.50	ug/L	20.0		107	76-131			
Trichloroethylene	22.0	0.50	ug/L	20.0		110	77-133			
Surrogate: 4-Bromofluorobenzene	*24.0*		*ug/L*	*25.0*		*96*	*80-124*			
Surrogate: Dibromofluoromethane	*24.3*		*ug/L*	*25.0*		*97*	*75-129*			
Surrogate: Toluene-d8	*23.9*		*ug/L*	*25.0*		*95*	*77-123*			
LCS Dup (P1E0482-BSD1)				Prepared & Analyzed: 05/20/11						
1,1-Dichloroethylene	19.8	0.50	ug/L	20.0		99	70-154	3	200	
Benzene	20.7	0.50	ug/L	20.0		103	77-128	4	200	
Chlorobenzene	20.0	0.50	ug/L	20.0		100	78-119	4	200	
Toluene	20.9	0.50	ug/L	20.0		104	76-131	3	200	
Trichloroethylene	20.8	0.50	ug/L	20.0		104	77-133	5	200	
Surrogate: 4-Bromofluorobenzene	*24.0*		*ug/L*	*25.0*		*96*	*80-124*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/L*	*25.0*		*100*	*75-129*			
Surrogate: Toluene-d8	*24.3*		*ug/L*	*25.0*		*97*	*77-123*			

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1050433
Time Submitted: 5/13/2011 3:50:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E0339 - 3010A										
Blank (P1E0339-BLK1)				Prepared: 05/17/11	Analyzed: 05/19/11					
Antimony	BRL	0.010	mg/L							
Arsenic	BRL	0.010	mg/L							
Beryllium	BRL	0.0020	mg/L							
Cadmium	BRL	0.0010	mg/L							
Chromium	BRL	0.0050	mg/L							
Copper	BRL	0.010	mg/L							
Lead	BRL	0.0050	mg/L							
Manganese	BRL	0.010	mg/L							
Nickel	BRL	0.010	mg/L							
Selenium	BRL	0.020	mg/L							
Silver	BRL	0.0050	mg/L							
Thallium	BRL	0.010	mg/L							BL
Zinc	BRL	0.030	mg/L							
LCS (P1E0339-BS1)				Prepared: 05/17/11	Analyzed: 05/19/11					
Antimony	0.238	0.010	mg/L	0.250		95	80-120			
Arsenic	0.237	0.010	mg/L	0.250		95	80-120			
Beryllium	0.242	0.0020	mg/L	0.250		97	80-120			
Cadmium	0.236	0.0010	mg/L	0.250		94	80-120			
Chromium	0.242	0.0050	mg/L	0.250		97	80-120			
Copper	0.246	0.010	mg/L	0.250		98	80-120			
Lead	0.248	0.0050	mg/L	0.250		99	80-120			
Manganese	0.253	0.010	mg/L	0.250		101	80-120			
Nickel	0.240	0.010	mg/L	0.250		96	80-120			
Selenium	0.240	0.020	mg/L	0.250		96	80-120			
Silver	0.241	0.0050	mg/L	0.250		96	80-120			
Thallium	0.239	0.010	mg/L	0.250		95	80-120			
Zinc	0.245	0.030	mg/L	0.250		98	80-120			

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1050433
Time Submitted: 5/13/2011 3:50:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E0339 - 3010A										
Matrix Spike (P1E0339-MS1)		**Source: 1050433-01**		Prepared: 05/17/11	Analyzed: 05/19/11					
Antimony	0.234	0.010	mg/L	0.250	BRL	94	75-125			
Arsenic	0.243	0.010	mg/L	0.250	BRL	97	75-125			
Beryllium	0.249	0.0020	mg/L	0.250	0.000457	100	75-125			
Cadmium	0.237	0.0010	mg/L	0.250	BRL	95	75-125			
Chromium	0.248	0.0050	mg/L	0.250	0.00212	99	75-125			
Copper	0.294	0.010	mg/L	0.250	0.0388	102	75-125			
Lead	0.251	0.0050	mg/L	0.250	0.00314	99	75-125			
Manganese	0.522	0.010	mg/L	0.250	0.263	104	75-125			
Nickel	0.245	0.010	mg/L	0.250	0.00263	97	75-125			
Selenium	0.248	0.020	mg/L	0.250	BRL	99	75-125			
Silver	0.246	0.0050	mg/L	0.250	BRL	98	75-125			
Thallium	0.240	0.010	mg/L	0.250	0.00634	93	75-125			
Zinc	0.370	0.030	mg/L	0.250	0.125	98	75-125			
Matrix Spike Dup (P1E0339-MSD1)		**Source: 1050433-01**		Prepared: 05/17/11	Analyzed: 05/19/11					
Antimony	0.234	0.010	mg/L	0.250	BRL	94	75-125	0.2	20	
Arsenic	0.260	0.010	mg/L	0.250	BRL	104	75-125	7	20	
Beryllium	0.256	0.0020	mg/L	0.250	0.000457	102	75-125	3	20	
Cadmium	0.255	0.0010	mg/L	0.250	BRL	102	75-125	7	20	
Chromium	0.254	0.0050	mg/L	0.250	0.00212	101	75-125	2	20	
Copper	0.282	0.010	mg/L	0.250	0.0388	97	75-125	4	20	
Lead	0.264	0.0050	mg/L	0.250	0.00314	104	75-125	5	20	
Manganese	0.523	0.010	mg/L	0.250	0.263	104	75-125	0.2	20	
Nickel	0.254	0.010	mg/L	0.250	0.00263	100	75-125	4	20	
Selenium	0.263	0.020	mg/L	0.250	BRL	105	75-125	6	20	
Silver	0.242	0.0050	mg/L	0.250	BRL	97	75-125	2	20	
Thallium	0.248	0.010	mg/L	0.250	0.00634	97	75-125	3	20	
Zinc	0.381	0.030	mg/L	0.250	0.125	102	75-125	3	20	

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Prism Work Order: 1050433
Time Submitted: 5/13/2011 3:50:00PM

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E0414 - 7470A										
Blank (P1E0414-BLK1)				Prepared & Analyzed: 05/19/11						
Mercury	BRL	0.00020	mg/L							
LCS (P1E0414-BS1)				Prepared & Analyzed: 05/19/11						
Mercury	0.00970	0.00020	mg/L	0.00938		103	80-120			
Matrix Spike (P1E0414-MS1)		**Source: 1050433-01**		Prepared & Analyzed: 05/19/11						
Mercury	0.00855	0.00020	mg/L	0.00938	0.0000368	91	80-120			
Matrix Spike Dup (P1E0414-MSD1)		**Source: 1050433-01**		Prepared & Analyzed: 05/19/11						
Mercury	0.00866	0.00020	mg/L	0.00938	0.0000368	92	80-120	1	20	

Sample Extraction Data

Prep Method: 3010A

Lab Number	Batch	Initial	Final	Date/Time
1050433-01	P1E0339	50 mL	50 mL	05/17/11 8:20
1050433-01	P1E0339	50 mL	50 mL	05/17/11 8:20

Prep Method: 7470A

Lab Number	Batch	Initial	Final	Date/Time
1050433-01	P1E0414	20 mL	30 mL	05/19/11 8:30

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date/Time
1050433-01	P1E0482	10 mL	10 mL	05/20/11 12:00
1050433-02	P1E0482	10 mL	10 mL	05/20/11 12:00
1050433-03	P1E0482	10 mL	10 mL	05/20/11 12:00

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING: _____

Project Name: Trion, Inc. Facility

Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)

*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements

Invoice To: H&H

Address: same

Client Company Name: Hart & Hickman

Report To/Contact Name: Leo Moretz, Tim Klotz

Reporting Address: 3334 Hillsborough St. Raleigh NC 27607

Phone: 919-847-4241 Fax (Yes) (No): _____

Email (Yes) (No) Email Address lmoretz@harthickman.com tklotz@harthickman.com

EDD Type: PDF____ Excel____ Other____

Site Location Name: Trion, Inc Facility

Site Location Physical Address: Sanford, NC

Purchase Order No./Billing Reference BA1-002

Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days

"Working Days" ☐ 6-9 Days ☒ Standard 10 days ☐ Rush Work Must Be Pre-Approved

Samples received after 15:00 will be processed next business day.

Turnaround time is based on business days, excluding weekends and holidays.

(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	X		
Received ON WET ICE? Temp 2.4	X		
PROPER PRESERVATIVES indicated?	X		
Received WITHIN HOLDING TIMES?	X		
CUSTODY SEALS INTACT?			X
VOLATILES rec'd W/OUT HEADSPACE?	X		~~X~~ MA
PROPER CONTAINERS used?	X		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL

Certification: NELAC____ USACE____ FL____ NC ✓ SC____ OTHER____ N/A____

Water Chlorinated: YES___ NO___

Sample Iced Upon Collection: YES ✓ NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	VOCs by 8260	Total Metals by 6010					REMARKS	PRISM LAB ID NO.
TMW-5	5-12-11	820	water	VOA, P	4	40mL, 125mL	HCl, HNO_3	X	X						-01
MW-13	5-12-11	915	Water	VOA	3	40mL	HCl	X							-02
Trip Blank	—	—	Water	VOA	2	40mL	HCl	X							-03

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature [signature] Sampled By (Print Name) Timothy Klotz Affiliation H&H

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature) [signature]	Received By: (Signature) [signature]	05/12/11	1605
Relinquished By: (Signature) [signature]	Received By: (Signature) [signature]	5-13-11	1255
Relinquished By: (Signature) [signature] 5-13-11 1550	Received For Prism Laboratories By: [signature]	5/13/11	1550

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

☐ Fed Ex ☐ UPS ☐ Hand-delivered ☒ Prism Field Service ☐ Other _____

COC Group No. 1050433

Additional Comments: Primary Pollutants, Mn, TICs (as per REC Program)

PRISM USE ONLY

Site Arrival Time:

Site Departure Time:

Field Tech Fee:

Mileage:

CODES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC ☐	☐ NC ☐ SC ☐	☐ NC ☐ SC ☐	☐ NC ☐ SC ☐	☐ NC ☐ SC ☐	☐ NC ☐ SC ☐	☐ NC ☐ SC ☐	☐ NC ☐ SC ☐

CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL

Case Narrative

05/31/2012

Hart & Hickman (Raleigh)
Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility
Project No.: BAI-002
Lab Submittal Date: 05/18/2012
Prism Work Order: 2050513

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

President/Project Manager

Reviewed By

Data Qualifiers Key Reference:

D	RPD value outside of the control limits.
SR	Surrogate recovery outside the QC limits.
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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Sample Receipt Summary

05/31/2012

Prism Work Order: 2050513

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
DMW-1	2050513-01	Water	05/18/12	05/18/12
MW-16	2050513-02	Water	05/18/12	05/18/12
MW-17	2050513-03	Water	05/18/12	05/18/12
MW-DUP	2050513-04	Water	05/18/12	05/18/12
Field Blank	2050513-05	Water	05/18/12	05/18/12

Samples received in good condition at 6.1 degrees C unless otherwise noted.

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Summary of Detections

05/31/2012

Prism Work Order: 2050513

Prism ID	Client ID	Parameter	Method	Result	Units
2050513-01	DMW-1	Chromium	*6010C	50	ug/L
2050513-01	DMW-1	Manganese	*6010C	52	ug/L
2050513-01	DMW-1	Acetone	*8260B	7.5	ug/L
2050513-02	MW-16	Manganese	*6010C	150	ug/L
2050513-02	MW-16	Acetone	*8260B	41	ug/L
2050513-03	MW-17	Manganese	*6010C	200	ug/L
2050513-03	MW-17	cis-1,2-Dichloroethylene	*8260B	8.1	ug/L
2050513-03	MW-17	Trichloroethylene	*8260B	4.9	ug/L
2050513-04	MW-DUP	Manganese	*6010C	150	ug/L
2050513-04	MW-DUP	Acetone	*8260B	34	ug/L

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Laboratory Report

05/31/2012

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No.: BAI-002
Sample Matrix: Water

Client Sample ID: DMW-1
Prism Sample ID: 2050513-01
Prism Work Order: 2050513
Time Collected: 05/18/12 10:40
Time Submitted: 05/18/12 15:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Chromium	**50**	**ug/L**	**5.0**	**0.70**	**1**	***6010C**	**5/21/12 18:17**	**BGM**	**P2E0393**
Manganese	**52**	**ug/L**	**10**	**0.95**	**1**	***6010C**	**5/21/12 18:17**	**BGM**	**P2E0393**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	5/24/12 19:17	CGP	P2E0520
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	5/24/12 19:17	CGP	P2E0520
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	5/24/12 19:17	CGP	P2E0520
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	5/24/12 19:17	CGP	P2E0520
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	5/24/12 19:17	CGP	P2E0520
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	5/24/12 19:17	CGP	P2E0520
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	5/24/12 19:17	CGP	P2E0520
Acetone	**7.5**	**ug/L**	**5.0**	**0.62**	**1**	***8260B**	**5/24/12 19:17**	**CGP**	**P2E0520**
Acrolein	BRL	ug/L	20	1.1	1	*8260B	5/24/12 19:17	CGP	P2E0520
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	5/24/12 19:17	CGP	P2E0520
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	5/24/12 19:17	CGP	P2E0520
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	5/24/12 19:17	CGP	P2E0520
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 19:17	CGP	P2E0520
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	5/24/12 19:17	CGP	P2E0520
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	5/24/12 19:17	CGP	P2E0520
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	5/24/12 19:17	CGP	P2E0520
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	5/24/12 19:17	CGP	P2E0520
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	5/24/12 19:17	CGP	P2E0520
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	5/24/12 19:17	CGP	P2E0520
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 19:17	CGP	P2E0520
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	5/24/12 19:17	CGP	P2E0520

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Laboratory Report

05/31/2012

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No.: BAI-002
Sample Matrix: Water

Client Sample ID: DMW-1
Prism Sample ID: 2050513-01
Prism Work Order: 2050513
Time Collected: 05/18/12 10:40
Time Submitted: 05/18/12 15:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	5/24/12 19:17	CGP	P2E0520
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	5/24/12 19:17	CGP	P2E0520
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	5/24/12 19:17	CGP	P2E0520
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	5/24/12 19:17	CGP	P2E0520
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 19:17	CGP	P2E0520
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	5/24/12 19:17	CGP	P2E0520
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	5/24/12 19:17	CGP	P2E0520
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	5/24/12 19:17	CGP	P2E0520
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	5/24/12 19:17	CGP	P2E0520
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	5/24/12 19:17	CGP	P2E0520
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	5/24/12 19:17	CGP	P2E0520
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	5/24/12 19:17	CGP	P2E0520
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	5/24/12 19:17	CGP	P2E0520
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	5/24/12 19:17	CGP	P2E0520
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	5/24/12 19:17	CGP	P2E0520
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	5/24/12 19:17	CGP	P2E0520
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	5/24/12 19:17	CGP	P2E0520
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	5/24/12 19:17	CGP	P2E0520
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	5/24/12 19:17	CGP	P2E0520
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	5/24/12 19:17	CGP	P2E0520
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	5/24/12 19:17	CGP	P2E0520
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	5/24/12 19:17	CGP	P2E0520
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	5/24/12 19:17	CGP	P2E0520
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	5/24/12 19:17	CGP	P2E0520
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	5/24/12 19:17	CGP	P2E0520
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	5/24/12 19:17	CGP	P2E0520
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	5/24/12 19:17	CGP	P2E0520
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	5/24/12 19:17	CGP	P2E0520
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	5/24/12 19:17	CGP	P2E0520
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	5/24/12 19:17	CGP	P2E0520
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	5/24/12 19:17	CGP	P2E0520

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*98 %*	*80-124*
Dibromofluoromethane	*101 %*	*75-129*
Toluene-d8	*111 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No.: BAI-002
Sample Matrix: Water

Client Sample ID: MW-16
Prism Sample ID: 2050513-02
Prism Work Order: 2050513
Time Collected: 05/18/12 11:45
Time Submitted: 05/18/12 15:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Chromium	BRL	ug/L	5.0	0.70	1	*6010C	5/21/12 18:10	BGM	P2E0393
Manganese	**150**	**ug/L**	**10**	**0.95**	**1**	***6010C**	**5/21/12 18:10**	**BGM**	**P2E0393**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	5/24/12 19:42	CGP	P2E0520
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	5/24/12 19:42	CGP	P2E0520
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	5/24/12 19:42	CGP	P2E0520
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	5/24/12 19:42	CGP	P2E0520
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	5/24/12 19:42	CGP	P2E0520
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	5/24/12 19:42	CGP	P2E0520
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	5/24/12 19:42	CGP	P2E0520
Acetone	**41**	**ug/L**	**5.0**	**0.62**	**1**	***8260B**	**5/24/12 19:42**	**CGP**	**P2E0520**
Acrolein	BRL	ug/L	20	1.1	1	*8260B	5/24/12 19:42	CGP	P2E0520
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	5/24/12 19:42	CGP	P2E0520
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	5/24/12 19:42	CGP	P2E0520
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	5/24/12 19:42	CGP	P2E0520
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 19:42	CGP	P2E0520
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	5/24/12 19:42	CGP	P2E0520
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	5/24/12 19:42	CGP	P2E0520
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	5/24/12 19:42	CGP	P2E0520
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	5/24/12 19:42	CGP	P2E0520
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	5/24/12 19:42	CGP	P2E0520
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	5/24/12 19:42	CGP	P2E0520
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 19:42	CGP	P2E0520
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	5/24/12 19:42	CGP	P2E0520

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Laboratory Report

05/31/2012

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No.: BAI-002
Sample Matrix: Water

Client Sample ID: MW-16
Prism Sample ID: 2050513-02
Prism Work Order: 2050513
Time Collected: 05/18/12 11:45
Time Submitted: 05/18/12 15:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	5/24/12 19:42	CGP	P2E0520
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	5/24/12 19:42	CGP	P2E0520
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	5/24/12 19:42	CGP	P2E0520
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	5/24/12 19:42	CGP	P2E0520
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 19:42	CGP	P2E0520
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	5/24/12 19:42	CGP	P2E0520
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	5/24/12 19:42	CGP	P2E0520
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	5/24/12 19:42	CGP	P2E0520
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	5/24/12 19:42	CGP	P2E0520
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	5/24/12 19:42	CGP	P2E0520
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	5/24/12 19:42	CGP	P2E0520
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	5/24/12 19:42	CGP	P2E0520
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	5/24/12 19:42	CGP	P2E0520
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	5/24/12 19:42	CGP	P2E0520
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	5/24/12 19:42	CGP	P2E0520
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	5/24/12 19:42	CGP	P2E0520
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	5/24/12 19:42	CGP	P2E0520
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	5/24/12 19:42	CGP	P2E0520
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	5/24/12 19:42	CGP	P2E0520
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	5/24/12 19:42	CGP	P2E0520
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	5/24/12 19:42	CGP	P2E0520
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	5/24/12 19:42	CGP	P2E0520
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	5/24/12 19:42	CGP	P2E0520
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	5/24/12 19:42	CGP	P2E0520
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	5/24/12 19:42	CGP	P2E0520
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	5/24/12 19:42	CGP	P2E0520
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	5/24/12 19:42	CGP	P2E0520
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	5/24/12 19:42	CGP	P2E0520
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	5/24/12 19:42	CGP	P2E0520
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	5/24/12 19:42	CGP	P2E0520
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	5/24/12 19:42	CGP	P2E0520

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*97 %*	*80-124*
Dibromofluoromethane	*102 %*	*75-129*
Toluene-d8	*111 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No.: BAI-002
Sample Matrix: Water

Client Sample ID: MW-17
Prism Sample ID: 2050513-03
Prism Work Order: 2050513
Time Collected: 05/18/12 12:45
Time Submitted: 05/18/12 15:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Chromium	BRL	ug/L	5.0	0.70	1	*6010C	5/21/12 17:40	BGM	P2E0393
Manganese	**200**	**ug/L**	**10**	**0.95**	**1**	***6010C**	**5/21/12 17:40**	**BGM**	**P2E0393**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	5/24/12 20:08	CGP	P2E0520
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	5/24/12 20:08	CGP	P2E0520
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	5/24/12 20:08	CGP	P2E0520
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	5/24/12 20:08	CGP	P2E0520
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	5/24/12 20:08	CGP	P2E0520
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	5/24/12 20:08	CGP	P2E0520
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	5/24/12 20:08	CGP	P2E0520
Acetone	BRL	ug/L	5.0	0.62	1	*8260B	5/24/12 20:08	CGP	P2E0520
Acrolein	BRL	ug/L	20	1.1	1	*8260B	5/24/12 20:08	CGP	P2E0520
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	5/24/12 20:08	CGP	P2E0520
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	5/24/12 20:08	CGP	P2E0520
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	5/24/12 20:08	CGP	P2E0520
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 20:08	CGP	P2E0520
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	5/24/12 20:08	CGP	P2E0520
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	5/24/12 20:08	CGP	P2E0520
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	5/24/12 20:08	CGP	P2E0520
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	5/24/12 20:08	CGP	P2E0520
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	5/24/12 20:08	CGP	P2E0520
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	5/24/12 20:08	CGP	P2E0520
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 20:08	CGP	P2E0520
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	5/24/12 20:08	CGP	P2E0520

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Laboratory Report

05/31/2012

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No.: BAI-002
Sample Matrix: Water

Client Sample ID: MW-17
Prism Sample ID: 2050513-03
Prism Work Order: 2050513
Time Collected: 05/18/12 12:45
Time Submitted: 05/18/12 15:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	5/24/12 20:08	CGP	P2E0520
cis-1,2-Dichloroethylene	**8.1**	**ug/L**	**0.50**	**0.076**	**1**	***8260B**	**5/24/12 20:08**	**CGP**	**P2E0520**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	5/24/12 20:08	CGP	P2E0520
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	5/24/12 20:08	CGP	P2E0520
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 20:08	CGP	P2E0520
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	5/24/12 20:08	CGP	P2E0520
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	5/24/12 20:08	CGP	P2E0520
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	5/24/12 20:08	CGP	P2E0520
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	5/24/12 20:08	CGP	P2E0520
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	5/24/12 20:08	CGP	P2E0520
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	5/24/12 20:08	CGP	P2E0520
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	5/24/12 20:08	CGP	P2E0520
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	5/24/12 20:08	CGP	P2E0520
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	5/24/12 20:08	CGP	P2E0520
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	5/24/12 20:08	CGP	P2E0520
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	5/24/12 20:08	CGP	P2E0520
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	5/24/12 20:08	CGP	P2E0520
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	5/24/12 20:08	CGP	P2E0520
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	5/24/12 20:08	CGP	P2E0520
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	5/24/12 20:08	CGP	P2E0520
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	5/24/12 20:08	CGP	P2E0520
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	5/24/12 20:08	CGP	P2E0520
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	5/24/12 20:08	CGP	P2E0520
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	5/24/12 20:08	CGP	P2E0520
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	5/24/12 20:08	CGP	P2E0520
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	5/24/12 20:08	CGP	P2E0520
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	5/24/12 20:08	CGP	P2E0520
Trichloroethylene	**4.9**	**ug/L**	**0.50**	**0.054**	**1**	***8260B**	**5/24/12 20:08**	**CGP**	**P2E0520**
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	5/24/12 20:08	CGP	P2E0520
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	5/24/12 20:08	CGP	P2E0520
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	5/24/12 20:08	CGP	P2E0520

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*98 %*	*80-124*
Dibromofluoromethane	*100 %*	*75-129*
Toluene-d8	*111 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No.: BAI-002
Sample Matrix: Water

Client Sample ID: MW-DUP
Prism Sample ID: 2050513-04
Prism Work Order: 2050513
Time Collected: 05/18/12 00:00
Time Submitted: 05/18/12 15:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
3030C Metals									
Chromium	BRL	ug/L	5.0	0.70	1	*6010C	5/21/12 18:02	BGM	P2E0393
Manganese	**150**	**ug/L**	**10**	**0.95**	**1**	***6010C**	**5/21/12 18:02**	**BGM**	**P2E0393**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	5/24/12 20:34	CGP	P2E0520
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	5/24/12 20:34	CGP	P2E0520
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	5/24/12 20:34	CGP	P2E0520
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	5/24/12 20:34	CGP	P2E0520
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	5/24/12 20:34	CGP	P2E0520
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	5/24/12 20:34	CGP	P2E0520
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	5/24/12 20:34	CGP	P2E0520
Acetone	**34**	**ug/L**	**5.0**	**0.62**	**1**	***8260B**	**5/24/12 20:34**	**CGP**	**P2E0520**
Acrolein	BRL	ug/L	20	1.1	1	*8260B	5/24/12 20:34	CGP	P2E0520
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	5/24/12 20:34	CGP	P2E0520
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	5/24/12 20:34	CGP	P2E0520
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	5/24/12 20:34	CGP	P2E0520
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 20:34	CGP	P2E0520
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	5/24/12 20:34	CGP	P2E0520
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	5/24/12 20:34	CGP	P2E0520
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	5/24/12 20:34	CGP	P2E0520
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	5/24/12 20:34	CGP	P2E0520
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	5/24/12 20:34	CGP	P2E0520
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	5/24/12 20:34	CGP	P2E0520
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 20:34	CGP	P2E0520
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	5/24/12 20:34	CGP	P2E0520

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Laboratory Report

05/31/2012

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No.: BAI-002
Sample Matrix: Water

Client Sample ID: MW-DUP
Prism Sample ID: 2050513-04
Prism Work Order: 2050513
Time Collected: 05/18/12 00:00
Time Submitted: 05/18/12 15:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	5/24/12 20:34	CGP	P2E0520
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	5/24/12 20:34	CGP	P2E0520
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	5/24/12 20:34	CGP	P2E0520
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	5/24/12 20:34	CGP	P2E0520
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 20:34	CGP	P2E0520
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	5/24/12 20:34	CGP	P2E0520
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	5/24/12 20:34	CGP	P2E0520
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	5/24/12 20:34	CGP	P2E0520
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	5/24/12 20:34	CGP	P2E0520
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	5/24/12 20:34	CGP	P2E0520
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	5/24/12 20:34	CGP	P2E0520
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	5/24/12 20:34	CGP	P2E0520
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	5/24/12 20:34	CGP	P2E0520
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	5/24/12 20:34	CGP	P2E0520
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	5/24/12 20:34	CGP	P2E0520
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	5/24/12 20:34	CGP	P2E0520
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	5/24/12 20:34	CGP	P2E0520
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	5/24/12 20:34	CGP	P2E0520
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	5/24/12 20:34	CGP	P2E0520
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	5/24/12 20:34	CGP	P2E0520
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	5/24/12 20:34	CGP	P2E0520
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	5/24/12 20:34	CGP	P2E0520
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	5/24/12 20:34	CGP	P2E0520
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	5/24/12 20:34	CGP	P2E0520
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	5/24/12 20:34	CGP	P2E0520
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	5/24/12 20:34	CGP	P2E0520
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	5/24/12 20:34	CGP	P2E0520
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	5/24/12 20:34	CGP	P2E0520
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	5/24/12 20:34	CGP	P2E0520
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	5/24/12 20:34	CGP	P2E0520
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	5/24/12 20:34	CGP	P2E0520

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*100 %*	*80-124*
Dibromofluoromethane	*105 %*	*75-129*
Toluene-d8	*115 %*	*77-123*

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543
Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No.: BAI-002
Sample Matrix: Water

Client Sample ID: Field Blank
Prism Sample ID: 2050513-05
Prism Work Order: 2050513
Time Collected: 05/18/12 00:00
Time Submitted: 05/18/12 15:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	5/24/12 18:52	CGP	P2E0520
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	5/24/12 18:52	CGP	P2E0520
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	5/24/12 18:52	CGP	P2E0520
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	*8260B	5/24/12 18:52	CGP	P2E0520
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	5/24/12 18:52	CGP	P2E0520
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	5/24/12 18:52	CGP	P2E0520
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	5/24/12 18:52	CGP	P2E0520
Acetone	BRL	ug/L	5.0	0.62	1	*8260B	5/24/12 18:52	CGP	P2E0520
Acrolein	BRL	ug/L	20	1.1	1	*8260B	5/24/12 18:52	CGP	P2E0520
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	5/24/12 18:52	CGP	P2E0520
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	5/24/12 18:52	CGP	P2E0520
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	5/24/12 18:52	CGP	P2E0520
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 18:52	CGP	P2E0520
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	5/24/12 18:52	CGP	P2E0520
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	5/24/12 18:52	CGP	P2E0520
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	5/24/12 18:52	CGP	P2E0520
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	5/24/12 18:52	CGP	P2E0520
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	5/24/12 18:52	CGP	P2E0520
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	5/24/12 18:52	CGP	P2E0520
Chloroethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 18:52	CGP	P2E0520
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	5/24/12 18:52	CGP	P2E0520
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	5/24/12 18:52	CGP	P2E0520
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	5/24/12 18:52	CGP	P2E0520
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	5/24/12 18:52	CGP	P2E0520

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No.: BAI-002
Sample Matrix: Water

Client Sample ID: Field Blank
Prism Sample ID: 2050513-05
Prism Work Order: 2050513
Time Collected: 05/18/12 00:00
Time Submitted: 05/18/12 15:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	5/24/12 18:52	CGP	P2E0520
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	5/24/12 18:52	CGP	P2E0520
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	5/24/12 18:52	CGP	P2E0520
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	5/24/12 18:52	CGP	P2E0520
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	5/24/12 18:52	CGP	P2E0520
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	5/24/12 18:52	CGP	P2E0520
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	5/24/12 18:52	CGP	P2E0520
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	5/24/12 18:52	CGP	P2E0520
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	5/24/12 18:52	CGP	P2E0520
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	5/24/12 18:52	CGP	P2E0520
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	5/24/12 18:52	CGP	P2E0520
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	5/24/12 18:52	CGP	P2E0520
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	5/24/12 18:52	CGP	P2E0520
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	5/24/12 18:52	CGP	P2E0520
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	5/24/12 18:52	CGP	P2E0520
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	5/24/12 18:52	CGP	P2E0520
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	5/24/12 18:52	CGP	P2E0520
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	5/24/12 18:52	CGP	P2E0520
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	5/24/12 18:52	CGP	P2E0520
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	5/24/12 18:52	CGP	P2E0520
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	5/24/12 18:52	CGP	P2E0520
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	5/24/12 18:52	CGP	P2E0520
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	5/24/12 18:52	CGP	P2E0520
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	5/24/12 18:52	CGP	P2E0520
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	5/24/12 18:52	CGP	P2E0520
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	5/24/12 18:52	CGP	P2E0520
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	5/24/12 18:52	CGP	P2E0520
Vinyl chloride	BRL	ug/L	0.50	0.16	1	*8260B	5/24/12 18:52	CGP	P2E0520

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*100 %*	*80-124*
Dibromofluoromethane	*100 %*	*75-129*
Toluene-d8	*112 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No: BAI-002

Prism Work Order: 2050513
Time Submitted: 5/18/2012 3:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E0520 - 5030B										
Blank (P2E0520-BLK1)				Prepared & Analyzed: 05/24/12						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	2.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							

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3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No: BAI-002

Prism Work Order: 2050513
Time Submitted: 5/18/2012 3:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E0520 - 5030B										
Blank (P2E0520-BLK1)				Prepared & Analyzed: 05/24/12						
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Surrogate: 4-Bromofluorobenzene	*48.0*		*ug/L*	*50.00*		*96*	*80-124*			
Surrogate: Dibromofluoromethane	*49.9*		*ug/L*	*50.00*		*100*	*75-129*			
Surrogate: Toluene-d8	*54.9*		*ug/L*	*50.00*		*110*	*77-123*			

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3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No: BAI-002

Prism Work Order: 2050513
Time Submitted: 5/18/2012 3:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E0520 - 5030B										
LCS (P2E0520-BS1)				Prepared & Analyzed: 05/24/12						
1,1-Dichloroethylene	20.9	0.50	ug/L	20.00		104	70-154			
Benzene	21.4	0.50	ug/L	20.00		107	77-128			
Chlorobenzene	21.5	0.50	ug/L	20.00		107	78-119			
Toluene	21.4	0.50	ug/L	20.00		107	76-131			
Trichloroethylene	21.2	0.50	ug/L	20.00		106	77-133			
Surrogate: 4-Bromofluorobenzene	*43.8*		*ug/L*	*50.00*		*88*	*80-124*			
Surrogate: Dibromofluoromethane	*46.2*		*ug/L*	*50.00*		*92*	*75-129*			
Surrogate: Toluene-d8	*51.3*		*ug/L*	*50.00*		*103*	*77-123*			
LCS Dup (P2E0520-BSD1)				Prepared & Analyzed: 05/24/12						
1,1-Dichloroethylene	20.2	0.50	ug/L	20.00		101	70-154	3	200	
Benzene	21.1	0.50	ug/L	20.00		105	77-128	2	200	
Chlorobenzene	21.0	0.50	ug/L	20.00		105	78-119	2	200	
Toluene	21.2	0.50	ug/L	20.00		106	76-131	0.9	200	
Trichloroethylene	21.0	0.50	ug/L	20.00		105	77-133	1	200	
Surrogate: 4-Bromofluorobenzene	*46.8*		*ug/L*	*50.00*		*94*	*80-124*			
Surrogate: Dibromofluoromethane	*49.4*		*ug/L*	*50.00*		*99*	*75-129*			
Surrogate: Toluene-d8	*54.0*		*ug/L*	*50.00*		*108*	*77-123*			
Matrix Spike (P2E0520-MS1)		**Source: 2050513-01**		Prepared & Analyzed: 05/24/12						
1,1-Dichloroethylene	24.6	0.50	ug/L	20.00	BRL	123	65-162			
Benzene	23.9	0.50	ug/L	20.00	BRL	119	73-131			
Chlorobenzene	23.8	0.50	ug/L	20.00	BRL	119	76-119			
Toluene	23.9	0.50	ug/L	20.00	0.330	118	72-135			
Trichloroethylene	24.1	0.50	ug/L	20.00	BRL	120	72-133			
Surrogate: 4-Bromofluorobenzene	*47.7*		*ug/L*	*50.00*		*95*	*80-124*			
Surrogate: Dibromofluoromethane	*49.6*		*ug/L*	*50.00*		*99*	*75-129*			
Surrogate: Toluene-d8	*54.7*		*ug/L*	*50.00*		*109*	*77-123*			

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No: BAI-002

Prism Work Order: 2050513
Time Submitted: 5/18/2012 3:45:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E0520 - 5030B										
Matrix Spike Dup (P2E0520-MSD1)		**Source: 2050513-01**		Prepared & Analyzed: 05/24/12						**D**
1,1-Dichloroethylene	16.1	0.50	ug/L	20.00	BRL	81	65-162	42	20	
Benzene	16.6	0.50	ug/L	20.00	BRL	83	73-131	36	17	
Chlorobenzene	17.0	0.50	ug/L	20.00	BRL	85	76-119	33	20	
Toluene	16.7	0.50	ug/L	20.00	0.330	82	72-135	36	18	
Trichloroethylene	17.0	0.50	ug/L	20.00	BRL	85	72-133	34	17	
Surrogate: 4-Bromofluorobenzene	*35.2*		*ug/L*	*50.00*		*70*	*80-124*			*SR*
Surrogate: Dibromofluoromethane	*36.6*		*ug/L*	*50.00*		*73*	*75-129*			*SR*
Surrogate: Toluene-d8	*41.3*		*ug/L*	*50.00*		*83*	*77-123*			

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc. Facility

Project No: BAI-002

Prism Work Order: 2050513
Time Submitted: 5/18/2012 3:45:00PM

3030C Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2E0393 - SM3030 C										
Blank (P2E0393-BLK1)				Prepared: 05/18/12		Analyzed: 05/21/12				
Chromium	BRL	5.0	ug/L							
Manganese	BRL	10	ug/L							
LCS (P2E0393-BS1)				Prepared: 05/18/12		Analyzed: 05/21/12				
Chromium	227	5.0	ug/L	250.0		91	80-120			
Manganese	237	10	ug/L	250.0		95	80-120			
Matrix Spike (P2E0393-MS1)		**Source: 2050513-03**		Prepared: 05/18/12		Analyzed: 05/21/12				
Chromium	225	5.0	ug/L	250.0	BRL	90	75-125			
Manganese	430	10	ug/L	250.0	200	92	75-125			
Matrix Spike Dup (P2E0393-MSD1)		**Source: 2050513-03**		Prepared: 05/18/12		Analyzed: 05/21/12				
Chromium	221	5.0	ug/L	250.0	BRL	88	75-125	2	20	
Manganese	423	10	ug/L	250.0	200	89	75-125	2	20	

Sample Extraction Data

Prep Method: SM3030 C

Lab Number	Batch	Initial	Final	Date/Time
2050513-01	P2E0393	50 mL	50 mL	05/18/12 16:00
2050513-02	P2E0393	50 mL	50 mL	05/18/12 16:00
2050513-03	P2E0393	50 mL	50 mL	05/18/12 16:00
2050513-04	P2E0393	50 mL	50 mL	05/18/12 16:00

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date/Time
2050513-01	P2E0520	10 mL	10 mL	05/24/12 11:32
2050513-02	P2E0520	10 mL	10 mL	05/24/12 11:32
2050513-03	P2E0520	10 mL	10 mL	05/24/12 11:32
2050513-04	P2E0520	10 mL	10 mL	05/24/12 11:32
2050513-05	P2E0520	10 mL	10 mL	05/24/12 11:32

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CHAIN OF CUSTODY RECORD

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PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING:

Client Company Name: Hart & Hickman
Report To/Contact Name: Leo Moretz
Reporting Address: 3334 Hillsborough St
Raleigh NC 27560
Phone: 919-847-4211 Fax (Yes) (No):
Email (Yes) (No) Email Address lmoretz@harthickman.com
EDD Type: PDF___ Excel___ Other___
Site Location Name: Trion
Site Location Physical Address: Sanford, NC

Project Name: Trion
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: H&H
Address:

Purchase Order No./Billing Reference BAI-002
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days
"Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE? Temp 6.1	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC___ USACE___ FL___ NC ✓
SC___ OTHER___ N/A___
Water Chlorinated: YES___ NO___
Sample Iced Upon Collection: YES ✓ NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	VOCs by 8260	Total Chromium	Manganese by 6010	TDS 2540			REMARKS	PRISM LAB ID NO.
DMW-1	5-18-12	1040	Water	VOA, P	3, 2	40ML, 250ML	HCL, HNO3, None	X	X						Ø1
MW-16	5-18-12	1145	Water	VOA, P	3, 2	40ML, 250ML	HCL, HNO3 None	X	X						Ø2
MW-17	5-18-12	1245	Water	VOA, P	3, 2	40ML, 250ML	HCL, HNO3 None	X	X						Ø3
MW-DUP	5-18-12	—	Water	VOA, P	3, 2	40ML, 250ML	HCL, HNO3 None	X	X						Ø4
~~Trip Blank~~	—	—	Water	VOA		40ML	HCL	X							Ø5
FIELD BLANK															
(DM) Per Steve G.															

Sampler's Signature [signature] Sampled By (Print Name) Timothy Klotz Affiliation H&H

PRESS DOWN FIRMLY - 3 COPIES

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
[signature]	[signature]	5-18-12	1310
Relinquished By: (Signature) [signature] 5-18-12 1545	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Prism Laboratories By: [signature]	Date 5/18/12	1545

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
☐ Fed Ex ☐ UPS ☐ Hand-delivered ☐ Prism Field Service ☐ Other___
COC Group No. 2Ø5Ø513

Additional Comments:

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

DES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC

CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL

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Full-Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert No. 37735
VA Certification No. 460211
DoD ELAP: L-A-B Accredited Certificate No. L2307
ISO/IEC 17025: L-A-B Accredited Certificate No. L2307
NELAC Cert No. E87519

Case Narrative

07/05/2013

Hart & Hickman (Raleigh)
Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A
Project No.: BAI.002A
Lab Submittal Date: 06/21/2013
Prism Work Order: 3060536

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

Narrative Notes:

TOC, Methane, Ethane & Ethene analysis was subcontracted to GCAL. Laboratory report is attached.

The results in this report relate only to the samples as submitted to the laboratory and the test results meet all requirements of NELAC except for those instances indicated in the case narrative and/or test comments.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

Robbi A. Jones
President/Project Manager

Reviewed By Robbi A. Jones
President/Project Manager

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Data Qualifiers Key Reference:

A	Recovery was above established QC limits in the CCV. Acceptable recovery was obtained in the LCS and LCS DUP.
CCV	CCV result is above the control limits. Analyte not detected in the sample. No further action taken.
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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Sample Receipt Summary

07/05/2013

Prism Work Order: 3060536

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
TMW-1	3060536-01	Water	06/20/13	06/21/13
MW-8	3060536-02	Water	06/20/13	06/21/13
MW-13	3060536-03	Water	06/20/13	06/21/13
MW-14	3060536-04	Water	06/20/13	06/21/13
MW-17	3060536-05	Water	06/20/13	06/21/13
DMW-1	3060536-06	Water	06/20/13	06/21/13
Trip Blank	3060536-07	Water	06/20/13	06/21/13

Samples received in good condition at 2.5 degrees C unless otherwise noted.

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Summary of Detections

07/05/2013

Prism Work Order: 3060536

Prism ID	Client ID	Parameter	Method	Result		Units
3060536-01	TMW-1	Chloride	*9056A	13		mg/L
3060536-01	TMW-1	Nitrate as N	*9056A	0.50		mg/L
3060536-01	TMW-1	Sulfate	*9056A	14		mg/L
3060536-02	MW-8	Chloride	*9056A	13		mg/L
3060536-02	MW-8	Nitrate as N	*9056A	0.26		mg/L
3060536-02	MW-8	Sulfate	*9056A	2.2		mg/L
3060536-02	MW-8	cis-1,2-Dichloroethylene	8260B	160		ug/L
3060536-02	MW-8	trans-1,2-Dichloroethylene	8260B	13		ug/L
3060536-02	MW-8	Trichloroethylene	8260B	72		ug/L
3060536-03	MW-13	Chloride	*9056A	15		mg/L
3060536-03	MW-13	Nitrate as N	*9056A	0.52		mg/L
3060536-03	MW-13	Sulfate	*9056A	10		mg/L
3060536-03	MW-13	cis-1,2-Dichloroethylene	8260B	40		ug/L
3060536-03	MW-13	trans-1,2-Dichloroethylene	8260B	2.0		ug/L
3060536-03	MW-13	Trichloroethylene	8260B	36		ug/L
3060536-05	MW-17	Chloride	*9056A	8.8		mg/L
3060536-05	MW-17	Nitrate as N	*9056A	0.66		mg/L
3060536-05	MW-17	Sulfate	*9056A	12		mg/L
3060536-05	MW-17	cis-1,2-Dichloroethylene	8260B	5.3		ug/L
3060536-05	MW-17	Trichloroethylene	8260B	2.7		ug/L
3060536-06	DMW-1	Acetone	8260B	6500	A	ug/L
3060536-06	DMW-1	Toluene	8260B	1.0		ug/L
3060536-06	DMW-1	Vinyl chloride	8260B	0.70		ug/L
3060536-07	Trip Blank	Methylene Chloride	8260B	1.7		ug/L

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Laboratory Report

07/05/2013

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: TMW-1
Prism Sample ID: 3060536-01
Prism Work Order: 3060536
Time Collected: 06/20/13 12:05
Time Submitted: 06/21/13 17:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Chloride	**13**	**mg/L**	**1.0**	**0.0030**	**1**	***9056A**	**6/22/13 11:32**	**CDE**	**P3F0419**
Nitrate as N	**0.50**	**mg/L**	**0.10**	**0.00090**	**1**	***9056A**	**6/22/13 11:32**	**CDE**	**P3F0419**
Sulfate	**14**	**mg/L**	**1.0**	**0.0064**	**1**	***9056A**	**6/22/13 11:32**	**CDE**	**P3F0419**

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: MW-8
Prism Sample ID: 3060536-02
Prism Work Order: 3060536
Time Collected: 06/20/13 13:00
Time Submitted: 06/21/13 17:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Chloride	**13**	**mg/L**	**1.0**	**0.0030**	**1**	***9056A**	**6/22/13 11:45**	**CDE**	**P3F0419**
Nitrate as N	**0.26**	**mg/L**	**0.10**	**0.00090**	**1**	***9056A**	**6/22/13 11:45**	**CDE**	**P3F0419**
Sulfate	**2.2**	**mg/L**	**1.0**	**0.0064**	**1**	***9056A**	**6/22/13 11:45**	**CDE**	**P3F0419**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	6/27/13 18:16	VHL	P3F0537
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	6/27/13 18:16	VHL	P3F0537
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	6/27/13 18:16	VHL	P3F0537
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	6/27/13 18:16	VHL	P3F0537
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	6/27/13 18:16	VHL	P3F0537
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	6/27/13 18:16	VHL	P3F0537
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	6/27/13 18:16	VHL	P3F0537
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	6/27/13 18:16	VHL	P3F0537
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	6/27/13 18:16	VHL	P3F0537
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	6/27/13 18:16	VHL	P3F0537
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	6/27/13 18:16	VHL	P3F0537
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	6/27/13 18:16	VHL	P3F0537
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	6/27/13 18:16	VHL	P3F0537
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	6/27/13 18:16	VHL	P3F0537
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	6/27/13 18:16	VHL	P3F0537
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 18:16	VHL	P3F0537
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	6/27/13 18:16	VHL	P3F0537
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	6/27/13 18:16	VHL	P3F0537
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	6/27/13 18:16	VHL	P3F0537
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	6/27/13 18:16	VHL	P3F0537
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	6/27/13 18:16	VHL	P3F0537
2-Chloroethyl Vinyl Ether	BRL A	ug/L	2.0	0.22	1	8260B	6/27/13 18:16	VHL	P3F0537
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	6/27/13 18:16	VHL	P3F0537
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	6/27/13 18:16	VHL	P3F0537
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	6/27/13 18:16	VHL	P3F0537
Acetone	BRL A	ug/L	5.0	0.62	1	8260B	6/27/13 18:16	VHL	P3F0537
Acrolein	BRL CCV	ug/L	20	1.1	1	8260B	6/27/13 18:16	VHL	P3F0537
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	6/27/13 18:16	VHL	P3F0537
Benzene	BRL	ug/L	0.50	0.072	1	8260B	6/27/13 18:16	VHL	P3F0537
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	6/27/13 18:16	VHL	P3F0537
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 18:16	VHL	P3F0537
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	6/27/13 18:16	VHL	P3F0537
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	6/27/13 18:16	VHL	P3F0537
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	6/27/13 18:16	VHL	P3F0537
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	6/27/13 18:16	VHL	P3F0537
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	6/27/13 18:16	VHL	P3F0537
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	6/27/13 18:16	VHL	P3F0537
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 18:16	VHL	P3F0537

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Laboratory Report

07/05/2013

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: MW-8
Prism Sample ID: 3060536-02
Prism Work Order: 3060536
Time Collected: 06/20/13 13:00
Time Submitted: 06/21/13 17:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	6/27/13 18:16	VHL	P3F0537
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	6/27/13 18:16	VHL	P3F0537
cis-1,2-Dichloroethylene	**160**	**ug/L**	**10**	**1.5**	**20**	**8260B**	**6/27/13 18:50**	**VHL**	**P3F0537**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	6/27/13 18:16	VHL	P3F0537
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	6/27/13 18:16	VHL	P3F0537
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 18:16	VHL	P3F0537
Dichlorodifluoromethane	BRL CCV	ug/L	1.0	0.11	1	8260B	6/27/13 18:16	VHL	P3F0537
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	6/27/13 18:16	VHL	P3F0537
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	6/27/13 18:16	VHL	P3F0537
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	6/27/13 18:16	VHL	P3F0537
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	6/27/13 18:16	VHL	P3F0537
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	6/27/13 18:16	VHL	P3F0537
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	6/27/13 18:16	VHL	P3F0537
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	6/27/13 18:16	VHL	P3F0537
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	6/27/13 18:16	VHL	P3F0537
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	6/27/13 18:16	VHL	P3F0537
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	6/27/13 18:16	VHL	P3F0537
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	6/27/13 18:16	VHL	P3F0537
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	6/27/13 18:16	VHL	P3F0537
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	6/27/13 18:16	VHL	P3F0537
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	6/27/13 18:16	VHL	P3F0537
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	6/27/13 18:16	VHL	P3F0537
Styrene	BRL	ug/L	0.50	0.047	1	8260B	6/27/13 18:16	VHL	P3F0537
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	6/27/13 18:16	VHL	P3F0537
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	6/27/13 18:16	VHL	P3F0537
Toluene	BRL	ug/L	0.50	0.042	1	8260B	6/27/13 18:16	VHL	P3F0537
trans-1,2-Dichloroethylene	**13**	**ug/L**	**0.50**	**0.12**	**1**	**8260B**	**6/27/13 18:16**	**VHL**	**P3F0537**
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	6/27/13 18:16	VHL	P3F0537
Trichloroethylene	**72**	**ug/L**	**0.50**	**0.054**	**1**	**8260B**	**6/27/13 18:16**	**VHL**	**P3F0537**
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	6/27/13 18:16	VHL	P3F0537
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	6/27/13 18:16	VHL	P3F0537
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	6/27/13 18:16	VHL	P3F0537

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*106 %*	*80-124*
Dibromofluoromethane	*101 %*	*75-129*
Toluene-d8	*98 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: MW-13
Prism Sample ID: 3060536-03
Prism Work Order: 3060536
Time Collected: 06/20/13 15:50
Time Submitted: 06/21/13 17:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Chloride	**15**	**mg/L**	**1.0**	**0.0030**	**1**	***9056A**	**6/22/13 11:59**	**CDE**	**P3F0419**
Nitrate as N	**0.52**	**mg/L**	**0.10**	**0.00090**	**1**	***9056A**	**6/22/13 11:59**	**CDE**	**P3F0419**
Sulfate	**10**	**mg/L**	**1.0**	**0.0064**	**1**	***9056A**	**6/22/13 11:59**	**CDE**	**P3F0419**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	6/26/13 15:33	VHL	P3F0498
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	6/26/13 15:33	VHL	P3F0498
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	6/26/13 15:33	VHL	P3F0498
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	6/26/13 15:33	VHL	P3F0498
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	6/26/13 15:33	VHL	P3F0498
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	6/26/13 15:33	VHL	P3F0498
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	6/26/13 15:33	VHL	P3F0498
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	6/26/13 15:33	VHL	P3F0498
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	6/26/13 15:33	VHL	P3F0498
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	6/26/13 15:33	VHL	P3F0498
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	6/26/13 15:33	VHL	P3F0498
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	6/26/13 15:33	VHL	P3F0498
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	6/26/13 15:33	VHL	P3F0498
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	6/26/13 15:33	VHL	P3F0498
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	6/26/13 15:33	VHL	P3F0498
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	6/26/13 15:33	VHL	P3F0498
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	6/26/13 15:33	VHL	P3F0498
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	6/26/13 15:33	VHL	P3F0498
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	6/26/13 15:33	VHL	P3F0498
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	6/26/13 15:33	VHL	P3F0498
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	6/26/13 15:33	VHL	P3F0498
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	6/26/13 15:33	VHL	P3F0498
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	6/26/13 15:33	VHL	P3F0498
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	6/26/13 15:33	VHL	P3F0498
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	6/26/13 15:33	VHL	P3F0498
Acetone	BRL	ug/L	5.0	0.62	1	8260B	6/26/13 15:33	VHL	P3F0498
Acrolein	BRL	ug/L	20	1.1	1	8260B	6/26/13 15:33	VHL	P3F0498
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	6/26/13 15:33	VHL	P3F0498
Benzene	BRL	ug/L	0.50	0.072	1	8260B	6/26/13 15:33	VHL	P3F0498
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	6/26/13 15:33	VHL	P3F0498
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	6/26/13 15:33	VHL	P3F0498
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	6/26/13 15:33	VHL	P3F0498
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	6/26/13 15:33	VHL	P3F0498
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	6/26/13 15:33	VHL	P3F0498
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	6/26/13 15:33	VHL	P3F0498
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	6/26/13 15:33	VHL	P3F0498
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	6/26/13 15:33	VHL	P3F0498
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	6/26/13 15:33	VHL	P3F0498

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Laboratory Report

07/05/2013

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: MW-13
Prism Sample ID: 3060536-03
Prism Work Order: 3060536
Time Collected: 06/20/13 15:50
Time Submitted: 06/21/13 17:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	6/26/13 15:33	VHL	P3F0498
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	6/26/13 15:33	VHL	P3F0498
cis-1,2-Dichloroethylene	**40**	**ug/L**	**0.50**	**0.076**	**1**	**8260B**	**6/26/13 15:33**	**VHL**	**P3F0498**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	6/26/13 15:33	VHL	P3F0498
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	6/26/13 15:33	VHL	P3F0498
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	6/26/13 15:33	VHL	P3F0498
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	6/26/13 15:33	VHL	P3F0498
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	6/26/13 15:33	VHL	P3F0498
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	6/26/13 15:33	VHL	P3F0498
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	6/26/13 15:33	VHL	P3F0498
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	6/26/13 15:33	VHL	P3F0498
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	6/26/13 15:33	VHL	P3F0498
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	6/26/13 15:33	VHL	P3F0498
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	6/26/13 15:33	VHL	P3F0498
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	6/26/13 15:33	VHL	P3F0498
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	6/26/13 15:33	VHL	P3F0498
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	6/26/13 15:33	VHL	P3F0498
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	6/26/13 15:33	VHL	P3F0498
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	6/26/13 15:33	VHL	P3F0498
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	6/26/13 15:33	VHL	P3F0498
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	6/26/13 15:33	VHL	P3F0498
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	6/26/13 15:33	VHL	P3F0498
Styrene	BRL	ug/L	0.50	0.047	1	8260B	6/26/13 15:33	VHL	P3F0498
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	6/26/13 15:33	VHL	P3F0498
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	6/26/13 15:33	VHL	P3F0498
Toluene	BRL	ug/L	0.50	0.042	1	8260B	6/26/13 15:33	VHL	P3F0498
trans-1,2-Dichloroethylene	**2.0**	**ug/L**	**0.50**	**0.12**	**1**	**8260B**	**6/26/13 15:33**	**VHL**	**P3F0498**
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	6/26/13 15:33	VHL	P3F0498
Trichloroethylene	**36**	**ug/L**	**0.50**	**0.054**	**1**	**8260B**	**6/26/13 15:33**	**VHL**	**P3F0498**
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	6/26/13 15:33	VHL	P3F0498
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	6/26/13 15:33	VHL	P3F0498
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	6/26/13 15:33	VHL	P3F0498

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*108 %*	*80-124*
Dibromofluoromethane	*103 %*	*75-129*
Toluene-d8	*98 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: MW-14
Prism Sample ID: 3060536-04
Prism Work Order: 3060536
Time Collected: 06/20/13 14:20
Time Submitted: 06/21/13 17:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	6/26/13 16:48	VHL	P3F0498
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	6/26/13 16:48	VHL	P3F0498
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	6/26/13 16:48	VHL	P3F0498
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	6/26/13 16:48	VHL	P3F0498
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	6/26/13 16:48	VHL	P3F0498
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	6/26/13 16:48	VHL	P3F0498
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	6/26/13 16:48	VHL	P3F0498
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	6/26/13 16:48	VHL	P3F0498
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	6/26/13 16:48	VHL	P3F0498
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	6/26/13 16:48	VHL	P3F0498
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	6/26/13 16:48	VHL	P3F0498
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	6/26/13 16:48	VHL	P3F0498
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	6/26/13 16:48	VHL	P3F0498
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	6/26/13 16:48	VHL	P3F0498
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	6/26/13 16:48	VHL	P3F0498
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	6/26/13 16:48	VHL	P3F0498
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	6/26/13 16:48	VHL	P3F0498
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	6/26/13 16:48	VHL	P3F0498
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	6/26/13 16:48	VHL	P3F0498
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	6/26/13 16:48	VHL	P3F0498
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	6/26/13 16:48	VHL	P3F0498
2-Chloroethyl Vinyl Ether	BRL	ug/L	2.0	0.22	1	8260B	6/26/13 16:48	VHL	P3F0498
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	6/26/13 16:48	VHL	P3F0498
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	6/26/13 16:48	VHL	P3F0498
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	6/26/13 16:48	VHL	P3F0498
Acetone	BRL	ug/L	5.0	0.62	1	8260B	6/26/13 16:48	VHL	P3F0498
Acrolein	BRL	ug/L	20	1.1	1	8260B	6/26/13 16:48	VHL	P3F0498
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	6/26/13 16:48	VHL	P3F0498
Benzene	BRL	ug/L	0.50	0.072	1	8260B	6/26/13 16:48	VHL	P3F0498
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	6/26/13 16:48	VHL	P3F0498
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	6/26/13 16:48	VHL	P3F0498
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	6/26/13 16:48	VHL	P3F0498
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	6/26/13 16:48	VHL	P3F0498
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	6/26/13 16:48	VHL	P3F0498
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	6/26/13 16:48	VHL	P3F0498
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	6/26/13 16:48	VHL	P3F0498
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	6/26/13 16:48	VHL	P3F0498
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	6/26/13 16:48	VHL	P3F0498
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	6/26/13 16:48	VHL	P3F0498
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	6/26/13 16:48	VHL	P3F0498
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	6/26/13 16:48	VHL	P3F0498
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	6/26/13 16:48	VHL	P3F0498

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: MW-14
Prism Sample ID: 3060536-04
Prism Work Order: 3060536
Time Collected: 06/20/13 14:20
Time Submitted: 06/21/13 17:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	6/26/13 16:48	VHL	P3F0498
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	6/26/13 16:48	VHL	P3F0498
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	8260B	6/26/13 16:48	VHL	P3F0498
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	6/26/13 16:48	VHL	P3F0498
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	6/26/13 16:48	VHL	P3F0498
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	6/26/13 16:48	VHL	P3F0498
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	6/26/13 16:48	VHL	P3F0498
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	6/26/13 16:48	VHL	P3F0498
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	6/26/13 16:48	VHL	P3F0498
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	6/26/13 16:48	VHL	P3F0498
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	6/26/13 16:48	VHL	P3F0498
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	6/26/13 16:48	VHL	P3F0498
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	6/26/13 16:48	VHL	P3F0498
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	6/26/13 16:48	VHL	P3F0498
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	6/26/13 16:48	VHL	P3F0498
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	6/26/13 16:48	VHL	P3F0498
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	6/26/13 16:48	VHL	P3F0498
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	6/26/13 16:48	VHL	P3F0498
Styrene	BRL	ug/L	0.50	0.047	1	8260B	6/26/13 16:48	VHL	P3F0498
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	6/26/13 16:48	VHL	P3F0498
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	6/26/13 16:48	VHL	P3F0498
Toluene	BRL	ug/L	0.50	0.042	1	8260B	6/26/13 16:48	VHL	P3F0498
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	6/26/13 16:48	VHL	P3F0498
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	6/26/13 16:48	VHL	P3F0498
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	6/26/13 16:48	VHL	P3F0498
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	6/26/13 16:48	VHL	P3F0498
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	6/26/13 16:48	VHL	P3F0498
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	6/26/13 16:48	VHL	P3F0498

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*106 %*	*80-124*
Dibromofluoromethane	*103 %*	*75-129*
Toluene-d8	*99 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: MW-17
Prism Sample ID: 3060536-05
Prism Work Order: 3060536
Time Collected: 06/20/13 16:30
Time Submitted: 06/21/13 17:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Anions by Ion Chromatography									
Chloride	**8.8**	**mg/L**	**1.0**	**0.0030**	**1**	***9056A**	**6/22/13 12:12**	**CDE**	**P3F0419**
Nitrate as N	**0.66**	**mg/L**	**0.10**	**0.00090**	**1**	***9056A**	**6/22/13 12:12**	**CDE**	**P3F0419**
Sulfate	**12**	**mg/L**	**1.0**	**0.0064**	**1**	***9056A**	**6/22/13 12:12**	**CDE**	**P3F0419**
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	6/27/13 19:23	VHL	P3F0537
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	6/27/13 19:23	VHL	P3F0537
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	6/27/13 19:23	VHL	P3F0537
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	6/27/13 19:23	VHL	P3F0537
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	6/27/13 19:23	VHL	P3F0537
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	6/27/13 19:23	VHL	P3F0537
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	6/27/13 19:23	VHL	P3F0537
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	6/27/13 19:23	VHL	P3F0537
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	6/27/13 19:23	VHL	P3F0537
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	6/27/13 19:23	VHL	P3F0537
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	6/27/13 19:23	VHL	P3F0537
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	6/27/13 19:23	VHL	P3F0537
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	6/27/13 19:23	VHL	P3F0537
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	6/27/13 19:23	VHL	P3F0537
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	6/27/13 19:23	VHL	P3F0537
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 19:23	VHL	P3F0537
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	6/27/13 19:23	VHL	P3F0537
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	6/27/13 19:23	VHL	P3F0537
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	6/27/13 19:23	VHL	P3F0537
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	6/27/13 19:23	VHL	P3F0537
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	6/27/13 19:23	VHL	P3F0537
2-Chloroethyl Vinyl Ether	BRL A	ug/L	2.0	0.22	1	8260B	6/27/13 19:23	VHL	P3F0537
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	6/27/13 19:23	VHL	P3F0537
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	6/27/13 19:23	VHL	P3F0537
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	6/27/13 19:23	VHL	P3F0537
Acetone	BRL A	ug/L	5.0	0.62	1	8260B	6/27/13 19:23	VHL	P3F0537
Acrolein	BRL CCV	ug/L	20	1.1	1	8260B	6/27/13 19:23	VHL	P3F0537
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	6/27/13 19:23	VHL	P3F0537
Benzene	BRL	ug/L	0.50	0.072	1	8260B	6/27/13 19:23	VHL	P3F0537
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	6/27/13 19:23	VHL	P3F0537
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 19:23	VHL	P3F0537
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	6/27/13 19:23	VHL	P3F0537
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	6/27/13 19:23	VHL	P3F0537
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	6/27/13 19:23	VHL	P3F0537
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	6/27/13 19:23	VHL	P3F0537
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	6/27/13 19:23	VHL	P3F0537
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	6/27/13 19:23	VHL	P3F0537
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 19:23	VHL	P3F0537

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: MW-17
Prism Sample ID: 3060536-05
Prism Work Order: 3060536
Time Collected: 06/20/13 16:30
Time Submitted: 06/21/13 17:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	6/27/13 19:23	VHL	P3F0537
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	6/27/13 19:23	VHL	P3F0537
cis-1,2-Dichloroethylene	**5.3**	**ug/L**	**0.50**	**0.076**	**1**	**8260B**	**6/27/13 19:23**	**VHL**	**P3F0537**
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	6/27/13 19:23	VHL	P3F0537
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	6/27/13 19:23	VHL	P3F0537
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 19:23	VHL	P3F0537
Dichlorodifluoromethane	BRL CCV	ug/L	1.0	0.11	1	8260B	6/27/13 19:23	VHL	P3F0537
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	6/27/13 19:23	VHL	P3F0537
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	6/27/13 19:23	VHL	P3F0537
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	6/27/13 19:23	VHL	P3F0537
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	6/27/13 19:23	VHL	P3F0537
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	6/27/13 19:23	VHL	P3F0537
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	6/27/13 19:23	VHL	P3F0537
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	6/27/13 19:23	VHL	P3F0537
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	6/27/13 19:23	VHL	P3F0537
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	6/27/13 19:23	VHL	P3F0537
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	6/27/13 19:23	VHL	P3F0537
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	6/27/13 19:23	VHL	P3F0537
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	6/27/13 19:23	VHL	P3F0537
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	6/27/13 19:23	VHL	P3F0537
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	6/27/13 19:23	VHL	P3F0537
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	6/27/13 19:23	VHL	P3F0537
Styrene	BRL	ug/L	0.50	0.047	1	8260B	6/27/13 19:23	VHL	P3F0537
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	6/27/13 19:23	VHL	P3F0537
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	6/27/13 19:23	VHL	P3F0537
Toluene	BRL	ug/L	0.50	0.042	1	8260B	6/27/13 19:23	VHL	P3F0537
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	6/27/13 19:23	VHL	P3F0537
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	6/27/13 19:23	VHL	P3F0537
Trichloroethylene	**2.7**	**ug/L**	**0.50**	**0.054**	**1**	**8260B**	**6/27/13 19:23**	**VHL**	**P3F0537**
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	6/27/13 19:23	VHL	P3F0537
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	6/27/13 19:23	VHL	P3F0537
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	6/27/13 19:23	VHL	P3F0537

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*104 %*	*80-124*
Dibromofluoromethane	*106 %*	*75-129*
Toluene-d8	*100 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: DMW-1
Prism Sample ID: 3060536-06
Prism Work Order: 3060536
Time Collected: 06/20/13 15:10
Time Submitted: 06/21/13 17:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	6/27/13 14:25	VHL	P3F0537
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	6/27/13 14:25	VHL	P3F0537
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	6/27/13 14:25	VHL	P3F0537
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	6/27/13 14:25	VHL	P3F0537
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	6/27/13 14:25	VHL	P3F0537
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	6/27/13 14:25	VHL	P3F0537
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	6/27/13 14:25	VHL	P3F0537
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	6/27/13 14:25	VHL	P3F0537
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	6/27/13 14:25	VHL	P3F0537
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	6/27/13 14:25	VHL	P3F0537
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	6/27/13 14:25	VHL	P3F0537
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	6/27/13 14:25	VHL	P3F0537
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	6/27/13 14:25	VHL	P3F0537
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	6/27/13 14:25	VHL	P3F0537
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	6/27/13 14:25	VHL	P3F0537
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 14:25	VHL	P3F0537
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	6/27/13 14:25	VHL	P3F0537
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	6/27/13 14:25	VHL	P3F0537
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	6/27/13 14:25	VHL	P3F0537
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	6/27/13 14:25	VHL	P3F0537
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	6/27/13 14:25	VHL	P3F0537
2-Chloroethyl Vinyl Ether	BRL A	ug/L	2.0	0.22	1	8260B	6/27/13 14:25	VHL	P3F0537
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	6/27/13 14:25	VHL	P3F0537
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	6/27/13 14:25	VHL	P3F0537
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	6/27/13 14:25	VHL	P3F0537
Acetone	**6500 A**	**ug/L**	**500**	**62**	**100**	**8260B**	**6/27/13 22:41**	**VHL**	**P3F0537**
Acrolein	BRL CCV	ug/L	20	1.1	1	8260B	6/27/13 14:25	VHL	P3F0537
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	6/27/13 14:25	VHL	P3F0537
Benzene	BRL	ug/L	0.50	0.072	1	8260B	6/27/13 14:25	VHL	P3F0537
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	6/27/13 14:25	VHL	P3F0537
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 14:25	VHL	P3F0537
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	6/27/13 14:25	VHL	P3F0537
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	6/27/13 14:25	VHL	P3F0537
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	6/27/13 14:25	VHL	P3F0537
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	6/27/13 14:25	VHL	P3F0537
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	6/27/13 14:25	VHL	P3F0537
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	6/27/13 14:25	VHL	P3F0537
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 14:25	VHL	P3F0537
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	6/27/13 14:25	VHL	P3F0537
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	6/27/13 14:25	VHL	P3F0537
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	6/27/13 14:25	VHL	P3F0537
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	6/27/13 14:25	VHL	P3F0537

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: DMW-1
Prism Sample ID: 3060536-06
Prism Work Order: 3060536
Time Collected: 06/20/13 15:10
Time Submitted: 06/21/13 17:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	6/27/13 14:25	VHL	P3F0537
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 14:25	VHL	P3F0537
Dichlorodifluoromethane	BRL CCV	ug/L	1.0	0.11	1	8260B	6/27/13 14:25	VHL	P3F0537
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	6/27/13 14:25	VHL	P3F0537
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	6/27/13 14:25	VHL	P3F0537
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	6/27/13 14:25	VHL	P3F0537
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	6/27/13 14:25	VHL	P3F0537
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	6/27/13 14:25	VHL	P3F0537
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	6/27/13 14:25	VHL	P3F0537
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	6/27/13 14:25	VHL	P3F0537
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	6/27/13 14:25	VHL	P3F0537
Methylene Chloride	BRL	ug/L	1.0	0.44	1	8260B	6/27/13 14:25	VHL	P3F0537
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	6/27/13 14:25	VHL	P3F0537
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	6/27/13 14:25	VHL	P3F0537
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	6/27/13 14:25	VHL	P3F0537
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	6/27/13 14:25	VHL	P3F0537
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	6/27/13 14:25	VHL	P3F0537
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	6/27/13 14:25	VHL	P3F0537
Styrene	BRL	ug/L	0.50	0.047	1	8260B	6/27/13 14:25	VHL	P3F0537
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	6/27/13 14:25	VHL	P3F0537
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	6/27/13 14:25	VHL	P3F0537
Toluene	**1.0**	**ug/L**	**0.50**	**0.042**	**1**	**8260B**	**6/27/13 14:25**	**VHL**	**P3F0537**
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	6/27/13 14:25	VHL	P3F0537
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	6/27/13 14:25	VHL	P3F0537
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	6/27/13 14:25	VHL	P3F0537
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	6/27/13 14:25	VHL	P3F0537
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	6/27/13 14:25	VHL	P3F0537
Vinyl chloride	**0.70**	**ug/L**	**0.50**	**0.16**	**1**	**8260B**	**6/27/13 14:25**	**VHL**	**P3F0537**

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*105 %*	*80-124*
Dibromofluoromethane	*99 %*	*75-129*
Toluene-d8	*97 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: Trip Blank
Prism Sample ID: 3060536-07
Prism Work Order: 3060536
Time Collected: 06/20/13 00:00
Time Submitted: 06/21/13 17:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	8260B	6/27/13 13:52	VHL	P3F0537
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	8260B	6/27/13 13:52	VHL	P3F0537
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	8260B	6/27/13 13:52	VHL	P3F0537
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	8260B	6/27/13 13:52	VHL	P3F0537
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	8260B	6/27/13 13:52	VHL	P3F0537
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	8260B	6/27/13 13:52	VHL	P3F0537
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	8260B	6/27/13 13:52	VHL	P3F0537
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	8260B	6/27/13 13:52	VHL	P3F0537
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	8260B	6/27/13 13:52	VHL	P3F0537
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	8260B	6/27/13 13:52	VHL	P3F0537
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	8260B	6/27/13 13:52	VHL	P3F0537
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	8260B	6/27/13 13:52	VHL	P3F0537
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	8260B	6/27/13 13:52	VHL	P3F0537
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	8260B	6/27/13 13:52	VHL	P3F0537
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	8260B	6/27/13 13:52	VHL	P3F0537
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 13:52	VHL	P3F0537
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	8260B	6/27/13 13:52	VHL	P3F0537
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	8260B	6/27/13 13:52	VHL	P3F0537
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	8260B	6/27/13 13:52	VHL	P3F0537
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	8260B	6/27/13 13:52	VHL	P3F0537
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	8260B	6/27/13 13:52	VHL	P3F0537
2-Chloroethyl Vinyl Ether	BRL A	ug/L	2.0	0.22	1	8260B	6/27/13 13:52	VHL	P3F0537
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	8260B	6/27/13 13:52	VHL	P3F0537
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	8260B	6/27/13 13:52	VHL	P3F0537
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	8260B	6/27/13 13:52	VHL	P3F0537
Acetone	BRL A	ug/L	5.0	0.62	1	8260B	6/27/13 13:52	VHL	P3F0537
Acrolein	BRL CCV	ug/L	20	1.1	1	8260B	6/27/13 13:52	VHL	P3F0537
Acrylonitrile	BRL	ug/L	20	0.86	1	8260B	6/27/13 13:52	VHL	P3F0537
Benzene	BRL	ug/L	0.50	0.072	1	8260B	6/27/13 13:52	VHL	P3F0537
Bromobenzene	BRL	ug/L	0.50	0.064	1	8260B	6/27/13 13:52	VHL	P3F0537
Bromochloromethane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 13:52	VHL	P3F0537
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	8260B	6/27/13 13:52	VHL	P3F0537
Bromoform	BRL	ug/L	1.0	0.27	1	8260B	6/27/13 13:52	VHL	P3F0537
Bromomethane	BRL	ug/L	1.0	0.47	1	8260B	6/27/13 13:52	VHL	P3F0537
Carbon disulfide	BRL	ug/L	5.0	1.4	1	8260B	6/27/13 13:52	VHL	P3F0537
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	8260B	6/27/13 13:52	VHL	P3F0537
Chlorobenzene	BRL	ug/L	0.50	0.061	1	8260B	6/27/13 13:52	VHL	P3F0537
Chloroethane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 13:52	VHL	P3F0537
Chloroform	BRL	ug/L	0.50	0.089	1	8260B	6/27/13 13:52	VHL	P3F0537
Chloromethane	BRL	ug/L	0.50	0.11	1	8260B	6/27/13 13:52	VHL	P3F0537
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	8260B	6/27/13 13:52	VHL	P3F0537
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	8260B	6/27/13 13:52	VHL	P3F0537

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: Trip Blank
Prism Sample ID: 3060536-07
Prism Work Order: 3060536
Time Collected: 06/20/13 00:00
Time Submitted: 06/21/13 17:40

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	8260B	6/27/13 13:52	VHL	P3F0537
Dibromomethane	BRL	ug/L	0.50	0.13	1	8260B	6/27/13 13:52	VHL	P3F0537
Dichlorodifluoromethane	BRL CCV	ug/L	1.0	0.11	1	8260B	6/27/13 13:52	VHL	P3F0537
Ethylbenzene	BRL	ug/L	0.50	0.067	1	8260B	6/27/13 13:52	VHL	P3F0537
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	8260B	6/27/13 13:52	VHL	P3F0537
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	8260B	6/27/13 13:52	VHL	P3F0537
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	8260B	6/27/13 13:52	VHL	P3F0537
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	8260B	6/27/13 13:52	VHL	P3F0537
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	8260B	6/27/13 13:52	VHL	P3F0537
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	8260B	6/27/13 13:52	VHL	P3F0537
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	8260B	6/27/13 13:52	VHL	P3F0537
Methylene Chloride	**1.7**	**ug/L**	**1.0**	**0.44**	**1**	**8260B**	**6/27/13 13:52**	**VHL**	**P3F0537**
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	8260B	6/27/13 13:52	VHL	P3F0537
Naphthalene	BRL	ug/L	1.0	0.098	1	8260B	6/27/13 13:52	VHL	P3F0537
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	8260B	6/27/13 13:52	VHL	P3F0537
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	8260B	6/27/13 13:52	VHL	P3F0537
o-Xylene	BRL	ug/L	0.50	0.046	1	8260B	6/27/13 13:52	VHL	P3F0537
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	8260B	6/27/13 13:52	VHL	P3F0537
Styrene	BRL	ug/L	0.50	0.047	1	8260B	6/27/13 13:52	VHL	P3F0537
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	8260B	6/27/13 13:52	VHL	P3F0537
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	8260B	6/27/13 13:52	VHL	P3F0537
Toluene	BRL	ug/L	0.50	0.042	1	8260B	6/27/13 13:52	VHL	P3F0537
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	8260B	6/27/13 13:52	VHL	P3F0537
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	8260B	6/27/13 13:52	VHL	P3F0537
Trichloroethylene	BRL	ug/L	0.50	0.054	1	8260B	6/27/13 13:52	VHL	P3F0537
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	8260B	6/27/13 13:52	VHL	P3F0537
Vinyl acetate	BRL	ug/L	2.0	0.10	1	8260B	6/27/13 13:52	VHL	P3F0537
Vinyl chloride	BRL	ug/L	0.50	0.16	1	8260B	6/27/13 13:52	VHL	P3F0537

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*106 %*	*80-124*
Dibromofluoromethane	*104 %*	*75-129*
Toluene-d8	*98 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No: BAI.002A

Prism Work Order: 3060536
Time Submitted: 6/21/2013 5:40:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3F0498 - 5030B										
Blank (P3F0498-BLK1)				Prepared & Analyzed: 06/26/13						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	2.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							

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Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No: BAI.002A

Prism Work Order: 3060536
Time Submitted: 6/21/2013 5:40:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3F0498 - 5030B										
Blank (P3F0498-BLK1)				Prepared & Analyzed: 06/26/13						
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Surrogate: 4-Bromofluorobenzene	*26.8*		*ug/L*	*25.00*		*107*	*80-124*			
Surrogate: Dibromofluoromethane	*25.3*		*ug/L*	*25.00*		*101*	*75-129*			
Surrogate: Toluene-d8	*24.4*		*ug/L*	*25.00*		*98*	*77-123*			

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3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No: BAI.002A

Prism Work Order: 3060536
Time Submitted: 6/21/2013 5:40:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3F0498 - 5030B										
LCS (P3F0498-BS1)				Prepared & Analyzed: 06/26/13						
1,1-Dichloroethylene	20.4	0.50	ug/L	20.00		102	70-154			
Benzene	22.2	0.50	ug/L	20.00		111	77-128			
Chlorobenzene	20.8	0.50	ug/L	20.00		104	78-119			
Toluene	22.2	0.50	ug/L	20.00		111	76-131			
Trichloroethylene	22.7	0.50	ug/L	20.00		114	77-133			
Surrogate: 4-Bromofluorobenzene	*24.3*		*ug/L*	*25.00*		*97*	*80-124*			
Surrogate: Dibromofluoromethane	*25.7*		*ug/L*	*25.00*		*103*	*75-129*			
Surrogate: Toluene-d8	*24.4*		*ug/L*	*25.00*		*97*	*77-123*			
LCS Dup (P3F0498-BSD1)				Prepared & Analyzed: 06/26/13						
1,1-Dichloroethylene	19.4	0.50	ug/L	20.00		97	70-154	5	20	
Benzene	21.6	0.50	ug/L	20.00		108	77-128	3	20	
Chlorobenzene	20.4	0.50	ug/L	20.00		102	78-119	2	20	
Toluene	21.6	0.50	ug/L	20.00		108	76-131	3	20	
Trichloroethylene	22.3	0.50	ug/L	20.00		112	77-133	2	20	
Surrogate: 4-Bromofluorobenzene	*25.1*		*ug/L*	*25.00*		*100*	*80-124*			
Surrogate: Dibromofluoromethane	*25.1*		*ug/L*	*25.00*		*100*	*75-129*			
Surrogate: Toluene-d8	*24.5*		*ug/L*	*25.00*		*98*	*77-123*			
Batch P3F0537 - 5030B										
Blank (P3F0537-BLK1)				Prepared & Analyzed: 06/27/13						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	2.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No: BAI.002A

Prism Work Order: 3060536
Time Submitted: 6/21/2013 5:40:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3F0537 - 5030B										
Blank (P3F0537-BLK1)				Prepared & Analyzed: 06/27/13						
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Surrogate: 4-Bromofluorobenzene	*27.3*		*ug/L*	*25.00*		*109*	*80-124*			

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Hart & Hickman (Raleigh)
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3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No: BAI.002A

Prism Work Order: 3060536
Time Submitted: 6/21/2013 5:40:00PM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3F0537 - 5030B										
Blank (P3F0537-BLK1)				Prepared & Analyzed: 06/27/13						
Surrogate: Dibromofluoromethane	*25.3*		*ug/L*	*25.00*		*101*	*75-129*			
Surrogate: Toluene-d8	*24.6*		*ug/L*	*25.00*		*98*	*77-123*			
LCS (P3F0537-BS1)				Prepared & Analyzed: 06/27/13						
1,1-Dichloroethylene	19.2	0.50	ug/L	20.00		96	70-154			
Benzene	21.3	0.50	ug/L	20.00		106	77-128			
Chlorobenzene	20.6	0.50	ug/L	20.00		103	78-119			
Toluene	21.7	0.50	ug/L	20.00		108	76-131			
Trichloroethylene	21.9	0.50	ug/L	20.00		110	77-133			
Surrogate: 4-Bromofluorobenzene	*25.0*		*ug/L*	*25.00*		*100*	*80-124*			
Surrogate: Dibromofluoromethane	*25.8*		*ug/L*	*25.00*		*103*	*75-129*			
Surrogate: Toluene-d8	*24.8*		*ug/L*	*25.00*		*99*	*77-123*			
LCS Dup (P3F0537-BSD1)				Prepared & Analyzed: 06/27/13						
1,1-Dichloroethylene	20.8	0.50	ug/L	20.00		104	70-154	8	20	
Benzene	22.6	0.50	ug/L	20.00		113	77-128	6	20	
Chlorobenzene	21.3	0.50	ug/L	20.00		106	78-119	3	20	
Toluene	23.1	0.50	ug/L	20.00		115	76-131	6	20	
Trichloroethylene	23.9	0.50	ug/L	20.00		120	77-133	9	20	
Surrogate: 4-Bromofluorobenzene	*24.8*		*ug/L*	*25.00*		*99*	*80-124*			
Surrogate: Dibromofluoromethane	*25.5*		*ug/L*	*25.00*		*102*	*75-129*			
Surrogate: Toluene-d8	*24.5*		*ug/L*	*25.00*		*98*	*77-123*			

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No: BAI.002A

Prism Work Order: 3060536
Time Submitted: 6/21/2013 5:40:00PM

Anions by Ion Chromatography - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3F0419 - NO PREP										
Blank (P3F0419-BLK1)				Prepared & Analyzed: 06/20/13						
Chloride	BRL	1.0	mg/L							
Nitrate as N	BRL	0.10	mg/L							
Sulfate	BRL	1.0	mg/L							
Blank (P3F0419-BLK2)				Prepared: 06/20/13 Analyzed: 06/21/13						
Chloride	BRL	1.0	mg/L							
Nitrate as N	BRL	0.10	mg/L							
Sulfate	BRL	1.0	mg/L							
LCS (P3F0419-BS1)				Prepared & Analyzed: 06/20/13						
Chloride	3.86	1.0	mg/L	4.000		97	80-120			
Nitrate as N	4.05	0.10	mg/L	4.000		101	80-120			
Sulfate	3.82	1.0	mg/L	4.000		95	80-120			
LCS (P3F0419-BS2)				Prepared & Analyzed: 06/21/13						
Chloride	3.83	1.0	mg/L	4.000		96	80-120			
Nitrate as N	4.03	0.10	mg/L	4.000		101	80-120			
Sulfate	3.73	1.0	mg/L	4.000		93	80-120			

Sample Extraction Data

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date/Time
3060536-02	P3F0537	10 mL	10 mL	06/27/13 8:23
3060536-02	P3F0537	10 mL	10 mL	06/27/13 8:23
3060536-03	P3F0498	10 mL	10 mL	06/26/13 8:20
3060536-04	P3F0498	10 mL	10 mL	06/26/13 8:20
3060536-05	P3F0537	10 mL	10 mL	06/27/13 8:23
3060536-06	P3F0537	10 mL	10 mL	06/27/13 8:23
3060536-06	P3F0537	10 mL	10 mL	06/27/13 8:23
3060536-07	P3F0537	10 mL	10 mL	06/27/13 8:23

Subcontracted Analyses

The following analyses were subcontracted to Gulf Coast Analytical Labs, Inc.

Lab Number	Analysis
3060536-01	RSK175 (Sub)
3060536-01	TOC (Sub)
3060536-02	RSK175 (Sub)
3060536-02	TOC (Sub)
3060536-03	RSK175 (Sub)
3060536-03	TOC (Sub)
3060536-05	RSK175 (Sub)
3060536-05	TOC (Sub)

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6364 • Fax: 704/525-0409

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING: BAI-002

Client Company Name: Hart + Hickman
Report To/Contact Name: Leo Moretz
Reporting Address: 3334 Hillsborough St. Raleigh, NC 27607
Phone: 919-847-4241 Fax (Yes) (No):
Email (Yes) (No) Email Address lmoretz@hartthickman.com
EDD Type: PDF ✓ Excel ✓ Other
Site Location Name: Trion, Inc.
Site Location Physical Address: Sanford, NC

Project Name: Trion, Inc.
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: Cynthia Wells
Address: Cwells@hartthickman.com

Purchase Order No./Billing Reference
Requested Due Date ❑ 1 Day ❑ 2 Days ❑ 3 Days ❑ 4 Days ❑ 5 Days
"Working Days" ❑ 6-9 Days ☒ Standard 10 days ❑ Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival? 3.1°	✓		
Received ON WET ICE? Temp 2.5°	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL

Certification: NELAC ____ USACE ____ FL ____ NC ✓ SC ____ OTHER ____ N/A ____
Water Chlorinated: YES ____ NO ____
Sample Iced Upon Collection: YES ✓ NO ____

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	SAMPLE CONTAINER NO.	SAMPLE CONTAINER SIZE	PRESERVATIVES	VOCs by 8260	Chloride Nitrate Sulfate	TOC	Ethane Ethene Methane			REMARKS	PRISM LAB ID NO.
TMW-1	6/20/13	1205	Water	Varies	7	40mL VOA 1L Plastic	HCL		X	X	X				Ø1
MW-8		1300			11			X	X	X	X				Ø2
MW-13		1550			11			X	X	X	X				Ø3
MW-14		1420			4			X							Ø4
MW-17		1630			11			X	X	X	X				Ø5
DMW-1		1510			4			X							Ø6
Trip Blank	—	—		VOA	2	40mL	—	X							Ø7

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature [signature] Sampled By (Print Name) Bryan S. Vence Affiliation H+H

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature) [signature]	Received By: (Signature) [signature]	6/20/13	17:19
Relinquished By: (Signature) [signature]	Received By: (Signature) [signature]	6-21-13	1420
Relinquished By: (Signature) [signature] 6-21-13 1740	Received For Prism Laboratories By: [signature]	6-21-13	1740

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
❑ Fed Ex ❑ UPS ❑ Hand-delivered ☒ Prism Field Service ❑ Other

COC Group No. 3Ø6Ø536

Additional Comments:

PRISM USE ONLY

Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

SEE REVERSE FOR TERMS & CONDITIONS

DES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL

ACCESS
ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT
Prism Laboratories Inc.
PO BOX 240543
Charlotte, NC 28224

ATTENTION
Robbi Jones

PROJECT ID
3060536

LABORATORY REPORT NUMBER
213062537

DATE
07/02/2013

Primary Data Review By

Karen Melchiorre Data Del

Authorized Signature

Secondary Data Review By

Ashley B. Amick
Project Manager, Access Analytical, Inc.
aamick@accessanalyticalinc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Gulf Coast Analytical Labs (GCAL), 7979 GSRI Avenue, Baton Rouge, LA 70820.**
- **GCAL is SCDHEC certified laboratory # 73006, NCDENR certified lab # 618, GA certified lab # LA-01955, NELAP certified laboratory # 01955**
- Local support services for this project are provided by Access Analytical, Inc.. Access Analytical is a representative of GCAL serving clients in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll free at 888.315.4243.

NELAP CERTIFICATE NUMBER 01955
DOD ELAP CERTIFICATE NUMBER ADE - 1482

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.
7979 GSRI Avenue
Baton Rouge, LA 70820

Report Date 07/02/2013

GCAL Report 213062537

Deliver To	Prism Laboratories Inc. PO BOX 240543 Charlotte, NC 28224 706-529-6364
Attn	Robbi Jones

Project 3060536

CASE NARRATIVE

Client: Access Analytical **Report:** 213062537

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

No anomalies were found in the analyzed sample(s).

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates the result was Not Detected at the specified RDL
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
00:00	Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J	Indicates the result is between the MDL and RDL
U	Indicates the compound was analyzed for but not detected
B	Indicates the analyte was detected in the associated Method Blank

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

Karen Melerine/Mng Data Del

Authorized Signature
GCAL REPORT 213062537

THIS REPORT CONTAINS 14 PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21306253701	TMW-1	Water	06/20/2013 12:05	06/25/2013 10:30
21306253702	MW-8	Water	06/20/2013 13:00	06/25/2013 10:30
21306253703	MW-13	Water	06/20/2013 15:50	06/25/2013 10:30
21306253704	MW-17	Water	06/20/2013 16:30	06/25/2013 10:30

Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21306253701	TMW-1	Water	06/20/2013 12:05	06/25/2013 10:30

SM 5310B TOC

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	4.2	1.0	0.30	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21306253702	MW-8	Water	06/20/2013 13:00	06/25/2013 10:30

SM 5310B TOC

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	1.1	1.0	0.30	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21306253703	MW-13	Water	06/20/2013 15:50	06/25/2013 10:30

SM 5310B TOC

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	1.0	1.0	0.30	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21306253704	MW-17	Water	06/20/2013 16:30	06/25/2013 10:30

SM 5310B TOC

CAS#	Parameter	Result	RDL	MDL	Units
C-012	Total Organic Carbon	2.4	1.0	0.30	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21306253701	TMW-1	Water	06/20/2013 12:05	06/25/2013 10:30

RSK 175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/02/2013 14:18	BMR	510890

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.135U	1.00	0.135	ug/L
74-85-1	Ethene	0.157U	1.00	0.157	ug/L
74-82-8	Methane	0.486U	5.00	0.486	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	42.1	ug/L	104	40 - 143

SM 5310B TOC

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2013 04:18	DJH	510529

CAS#	Parameter	Result	RDL	MDL	Units
C-012	**Total Organic Carbon**	**4.2**	**1.0**	**0.30**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21306253702	MW-8	Water	06/20/2013 13:00	06/25/2013 10:30

RSK 175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/02/2013 14:25	BMR	510890

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.135U	1.00	0.135	ug/L
74-85-1	Ethene	0.157U	1.00	0.157	ug/L
74-82-8	Methane	0.486U	5.00	0.486	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	30.3	ug/L	75	40 - 143

SM 5310B TOC

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2013 04:36	DJH	510529

CAS#	Parameter	Result	RDL	MDL	Units
C-012	**Total Organic Carbon**	**1.1**	**1.0**	**0.30**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21306253703	**MW-13**	Water	06/20/2013 15:50	06/25/2013 10:30

RSK 175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/02/2013 14:31	BMR	510890

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.135U	1.00	0.135	ug/L
74-85-1	Ethene	0.157U	1.00	0.157	ug/L
74-82-8	Methane	0.486U	5.00	0.486	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	30.9	ug/L	76	40 - 143

SM 5310B TOC

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2013 04:55	DJH	510529

CAS#	Parameter	Result	RDL	MDL	Units
C-012	**Total Organic Carbon**	**1.0**	**1.0**	**0.30**	**mg/L**

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21306253704	**MW-17**	Water	06/20/2013 16:30	06/25/2013 10:30

RSK 175

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	07/02/2013 14:37	BMR	510890

CAS#	Parameter	Result	RDL	MDL	Units
74-84-0	Ethane	0.135U	1.00	0.135	ug/L
74-85-1	Ethene	0.157U	1.00	0.157	ug/L
74-82-8	Methane	0.486U	5.00	0.486	ug/L

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
115-07-1	Propene	40.5	29.6	ug/L	73	40 - 143

SM 5310B TOC

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	06/27/2013 05:15	DJH	510529

CAS#	Parameter	Result	RDL	MDL	Units
C-012	**Total Organic Carbon**	**2.4**	**1.0**	**0.30**	**mg/L**

General Chromatography Quality Control Summary

Analytical Batch 510890		**Client ID**	MB510890			LCS510890			LCSD510890		
Prep Batch N/A		**GCAL ID**	1209252			1209253			1209254		
		Sample Type	Method Blank			LCS			LCSD		
		Analytical Date	07/02/2013 11:45			07/02/2013 12:00			07/02/2013 12:07		
		Matrix	Water			Water			Water		
RSK 175		**Units**	**Result**	ug/L **RDL**	**Spike Added**	**Result**	**% R**	**Control Limits % R**	**Result**	**% R**	**RPD**	**RPD Limit**
74-82-8	Methane		0.486U	0.486	17.5	16.6	95	39 - 120	15.3	87	8	27
74-85-1	Ethene		0.157U	0.157	3.06	3.02	99	45 - 134	2.72	89	10	25
74-84-0	Ethane		0.135U	0.135	3.28	3.18	97	45 - 128	2.90	88	9	29
Surrogate												
115-07-1	Propene		30.8	76	40.5	25.9	64	40 - 143	23.1	57		

General Chemistry Quality Control Summary

Analytical Batch 510529	Client ID	MB510529			LCS510529			LCSD510529			
Prep Batch N/A	GCAL ID	1207532			1207533			1207534			
	Sample Type	Method Blank			LCS			LCSD			
	Analytical Date	06/26/2013 19:24			06/26/2013 19:46			06/26/2013 20:10			
	Matrix	Water			Water			Water			
SM 5310B TOC		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
C-012	Total Organic Carbon	0.59J	0.30	50.0	46.7	93	80 - 120	47.0	94	1	25

Analytical Batch 510529	Client ID	U31D201G			1206948MS			1206948MSD			
Prep Batch N/A	GCAL ID	21306253001			1207537			1207538			
	Sample Type	SAMPLE			MS			MSD			
	Analytical Date	06/27/2013 00:55			06/27/2013 01:14			06/27/2013 01:33			
	Matrix	Water			Water			Water			
SM 5310B TOC		Units Result	mg/L RDL	Spike Added	Result	% R	Control Limits % R	Result	% R	RPD	RPD Limit
C-012	Total Organic Carbon	159	1.5	250	401	97	75 - 125	402	97	0	25

PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions ACCESS/4545/213062537/07.02.13

SUBCONTRACT ORDER

Prism Laboratories, Inc.

3060536

Certification: NELAC___ USACE___
SC___ Other NC
N/A_____

SENDING LABORATORY:

Prism Laboratories, Inc.
P. O. Box 240543
Charlotte, NC 28224-0543
Phone: 800-529-6364
Fax: 704-525-0409
Project Manager: Robbi A. Jones

RECEIVING LABORATORY:

Gulf Coast Analytical Labs, Inc.
7979 GSRI Avenue
Baton Rouge, LA 70820
Phone :(225) 769-4900
Fax: (225) 767-5717

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 3060536-01	**Water**	**Sampled:06/20/13 12:05**	TMW-1	1
TOC (Sub)		07/18/13 12:05		
RSK175 (Sub)		07/04/13 12:05		
Containers Supplied:	2x40ml AMBER VOAs HCl 2x40ml VOAs HCl			
Sample ID: 3060536-02	**Water**	**Sampled:06/20/13 13:00**	MW-8	2
TOC (Sub)		07/18/13 13:00		
RSK175 (Sub)		07/04/13 13:00		
Containers Supplied:				
Sample ID: 3060536-03	**Water**	**Sampled:06/20/13 15:50**	MW-13	3
TOC (Sub)		07/18/13 15:50		
RSK175 (Sub)		07/04/13 15:50		
Containers Supplied:				
Sample ID: 3060536-05	**Water**	**Sampled:06/20/13 16:30**	MW-17	4
TOC (Sub)		07/18/13 16:30		
RSK175 (Sub)		07/04/13 16:30		
Containers Supplied:				

Released By	Date	Received By	Date
7960 7649	6/24/13	FED EX	6/24/13
FED EX 9057	6/25/13	GCAL	6-25-13 10:30
		2.7 EZZ	

SAMPLE RECEIVING CHECKLIST

SAMPLE DELIVERY GROUP	213062537
Client 4565 - Access Analytical	**Transport Method** FEDEX
Profile Number 80255	**Received By** Law , Brittany P.
Line Item(s) 1 - Water BTEX/Naph/MTBE	**Receive Date(s)** 06/25/13

CHECKLIST			
Were all samples received using proper thermal preservation?	☑ Yes	☐ No	☐ NA
When used, were all custody seals intact?	☑ Yes	☐ No	☐ NA
Were all samples received in proper containers?	☑ Yes	☐ No	☐ NA
Were all samples received using proper chemical preservation?	☑ Yes	☐ No	☐ NA
Was preservative added to any container at the lab?	☐ Yes	☑ No	☐ NA
Were all containers received in good condition?	☑ Yes	☐ No	☐ NA
Were all VOA vials received with no head space?	☑ Yes	☐ No	☐ NA
Do all sample labels match the Chain of Custody?	☑ Yes	☐ No	☐ NA
Did the Chain of Custody list the sampling technician?	☐ Yes	☑ No	☐ NA
Was the COC maintained i.e. all signatures, dates and time of receipt included?	☑ Yes	☐ No	☐ NA

COOLERS

Airbill	Temp(oC)
7960 7649 9051	2.7 (E22)

DISCREPANCIES

None

LABORATORY PRESERVATIONS

None

OTES

PRISM LABORATORIES, INC.
Full-Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert No. 37735
VA Certification No. 460211
DoD ELAP: L-A-B Accredited Certificate No. L2307
ISO/IEC 17025: L-A-B Accredited Certificate No. L2307
NELAC Cert No. E87519

Case Narrative

08/12/2013

Hart & Hickman (Raleigh)
Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A
Project No.: BAI.002A
Lab Submittal Date: 08/06/2013
Prism Work Order: 3080080

This data package contains the analytical results for the project identified above and includes a Case Narrative, Sample Results and Chain of Custody. Unless otherwise noted, all samples were received in acceptable condition and processed according to the referenced methods.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative.

The results in this report relate only to the samples as submitted to the laboratory and the test results meet all requirements of NELAC except for those instances indicated in the case narrative and/or test comments.

Please call if you have any questions relating to this analytical report.

Respectfully,

PRISM LABORATORIES, INC.

Robbi A. Jones
President/Project Manager

Reviewed By Robbi A. Jones
President/Project Manager

Data Qualifiers Key Reference:

A	Recovery for this compound in the CCV was below established QC limits. Compound was not detected down to MDL. No further action was taken.
CCV	CCV result is above the control limits. Analyte not detected in the sample. No further action taken.
BRL	Below Reporting Limit
MDL	Method Detection Limit
RPD	Relative Percent Difference
*	Results reported to the reporting limit. All other results are reported to the MDL with values between MDL and reporting limit indicated with a J.

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Sample Receipt Summary

08/12/2013

Prism Work Order: 3080080

Client Sample ID	Lab Sample ID	Matrix	Date Sampled	Date Received
DW-1	3080080-01	Water	08/02/13	08/06/13

Samples received in good condition at 5.6 degrees C unless otherwise noted.

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Summary of Detections

08/12/2013

Prism Work Order: 3080080

Prism ID	Client ID	Parameter	Method	Result	Units
3080080-01	DW-1	Acetone	*8260B	11000	ug/L
3080080-01	DW-1	Vinyl chloride	*8260B	0.52	ug/L

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Laboratory Report

08/12/2013

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: DW-1
Prism Sample ID: 3080080-01
Prism Work Order: 3080080
Time Collected: 08/02/13 11:40
Time Submitted: 08/06/13 09:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Volatile Organic Compounds by GC/MS									
1,1,1,2-Tetrachloroethane	BRL	ug/L	0.50	0.15	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,1,1-Trichloroethane	BRL	ug/L	0.50	0.063	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,1,2,2-Tetrachloroethane	BRL	ug/L	0.50	0.071	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,1,2-Trichloroethane	BRL	ug/L	0.50	0.17	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,1-Dichloroethane	BRL	ug/L	0.50	0.096	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,1-Dichloroethylene	BRL	ug/L	0.50	0.078	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,1-Dichloropropylene	BRL	ug/L	0.50	0.061	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,2,3-Trichlorobenzene	BRL	ug/L	2.0	0.20	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,2,3-Trichloropropane	BRL	ug/L	1.0	0.081	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,2,4-Trichlorobenzene	BRL	ug/L	1.0	0.10	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,2,4-Trimethylbenzene	BRL	ug/L	0.50	0.048	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,2-Dibromo-3-chloropropane	BRL	ug/L	2.0	0.59	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,2-Dibromoethane	BRL	ug/L	0.50	0.14	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,2-Dichlorobenzene	BRL	ug/L	0.50	0.076	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,2-Dichloroethane	BRL	ug/L	0.50	0.14	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,2-Dichloropropane	BRL	ug/L	0.50	0.13	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,3,5-Trimethylbenzene	BRL	ug/L	0.50	0.057	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,3-Dichlorobenzene	BRL	ug/L	0.50	0.074	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,3-Dichloropropane	BRL	ug/L	0.50	0.11	1	*8260B	8/7/13 11:39	VHL	P3H0149
1,4-Dichlorobenzene	BRL	ug/L	0.50	0.068	1	*8260B	8/7/13 11:39	VHL	P3H0149
2,2-Dichloropropane	BRL	ug/L	2.0	0.11	1	*8260B	8/7/13 11:39	VHL	P3H0149
2-Chloroethyl Vinyl Ether	BRL A	ug/L	2.0	0.22	1	*8260B	8/7/13 11:39	VHL	P3H0149
2-Chlorotoluene	BRL	ug/L	0.50	0.038	1	*8260B	8/7/13 11:39	VHL	P3H0149
4-Chlorotoluene	BRL	ug/L	0.50	0.053	1	*8260B	8/7/13 11:39	VHL	P3H0149
4-Isopropyltoluene	BRL	ug/L	0.50	0.065	1	*8260B	8/7/13 11:39	VHL	P3H0149
Acetone	**11000**	**ug/L**	**1000**	**120**	**200**	***8260B**	**8/7/13 21:50**	**VHL**	**P3H0149**
Acrolein	BRL	ug/L	20	1.1	1	*8260B	8/7/13 11:39	VHL	P3H0149
Acrylonitrile	BRL	ug/L	20	0.86	1	*8260B	8/7/13 11:39	VHL	P3H0149
Benzene	BRL	ug/L	0.50	0.072	1	*8260B	8/7/13 11:39	VHL	P3H0149
Bromobenzene	BRL	ug/L	0.50	0.064	1	*8260B	8/7/13 11:39	VHL	P3H0149
Bromochloromethane	BRL	ug/L	0.50	0.13	1	*8260B	8/7/13 11:39	VHL	P3H0149
Bromodichloromethane	BRL	ug/L	0.50	0.062	1	*8260B	8/7/13 11:39	VHL	P3H0149
Bromoform	BRL	ug/L	1.0	0.27	1	*8260B	8/7/13 11:39	VHL	P3H0149
Bromomethane	BRL	ug/L	1.0	0.47	1	*8260B	8/7/13 11:39	VHL	P3H0149
Carbon disulfide	BRL	ug/L	5.0	1.4	1	*8260B	8/7/13 11:39	VHL	P3H0149
Carbon Tetrachloride	BRL	ug/L	0.50	0.12	1	*8260B	8/7/13 11:39	VHL	P3H0149
Chlorobenzene	BRL	ug/L	0.50	0.061	1	*8260B	8/7/13 11:39	VHL	P3H0149
Chloroethane	BRL CCV	ug/L	0.50	0.13	1	*8260B	8/7/13 11:39	VHL	P3H0149
Chloroform	BRL	ug/L	0.50	0.089	1	*8260B	8/7/13 11:39	VHL	P3H0149
Chloromethane	BRL	ug/L	0.50	0.11	1	*8260B	8/7/13 11:39	VHL	P3H0149
cis-1,2-Dichloroethylene	BRL	ug/L	0.50	0.076	1	*8260B	8/7/13 11:39	VHL	P3H0149
cis-1,3-Dichloropropylene	BRL	ug/L	0.50	0.10	1	*8260B	8/7/13 11:39	VHL	P3H0149

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

Laboratory Report

08/12/2013

Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No.: BAI.002A
Sample Matrix: Water

Client Sample ID: DW-1
Prism Sample ID: 3080080-01
Prism Work Order: 3080080
Time Collected: 08/02/13 11:40
Time Submitted: 08/06/13 09:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Dibromochloromethane	BRL	ug/L	0.50	0.30	1	*8260B	8/7/13 11:39	VHL	P3H0149
Dibromomethane	BRL	ug/L	0.50	0.13	1	*8260B	8/7/13 11:39	VHL	P3H0149
Dichlorodifluoromethane	BRL	ug/L	1.0	0.11	1	*8260B	8/7/13 11:39	VHL	P3H0149
Ethylbenzene	BRL	ug/L	0.50	0.067	1	*8260B	8/7/13 11:39	VHL	P3H0149
Hexachlorobutadiene	BRL	ug/L	2.0	0.36	1	*8260B	8/7/13 11:39	VHL	P3H0149
Isopropyl Ether	BRL	ug/L	0.50	0.043	1	*8260B	8/7/13 11:39	VHL	P3H0149
Isopropylbenzene (Cumene)	BRL	ug/L	0.50	0.072	1	*8260B	8/7/13 11:39	VHL	P3H0149
m,p-Xylenes	BRL	ug/L	1.0	0.081	1	*8260B	8/7/13 11:39	VHL	P3H0149
Methyl Butyl Ketone (2-Hexanone)	BRL	ug/L	5.0	0.19	1	*8260B	8/7/13 11:39	VHL	P3H0149
Methyl Ethyl Ketone (2-Butanone)	BRL	ug/L	5.0	0.90	1	*8260B	8/7/13 11:39	VHL	P3H0149
Methyl Isobutyl Ketone	BRL	ug/L	5.0	0.12	1	*8260B	8/7/13 11:39	VHL	P3H0149
Methylene Chloride	BRL	ug/L	1.0	0.44	1	*8260B	8/7/13 11:39	VHL	P3H0149
Methyl-tert-Butyl Ether	BRL	ug/L	0.50	0.070	1	*8260B	8/7/13 11:39	VHL	P3H0149
Naphthalene	BRL	ug/L	1.0	0.098	1	*8260B	8/7/13 11:39	VHL	P3H0149
n-Butylbenzene	BRL	ug/L	1.0	0.11	1	*8260B	8/7/13 11:39	VHL	P3H0149
n-Propylbenzene	BRL	ug/L	0.50	0.060	1	*8260B	8/7/13 11:39	VHL	P3H0149
o-Xylene	BRL	ug/L	0.50	0.046	1	*8260B	8/7/13 11:39	VHL	P3H0149
sec-Butylbenzene	BRL	ug/L	0.50	0.087	1	*8260B	8/7/13 11:39	VHL	P3H0149
Styrene	BRL	ug/L	0.50	0.047	1	*8260B	8/7/13 11:39	VHL	P3H0149
tert-Butylbenzene	BRL	ug/L	0.50	0.080	1	*8260B	8/7/13 11:39	VHL	P3H0149
Tetrachloroethylene	BRL	ug/L	0.50	0.069	1	*8260B	8/7/13 11:39	VHL	P3H0149
Toluene	BRL	ug/L	0.50	0.042	1	*8260B	8/7/13 11:39	VHL	P3H0149
trans-1,2-Dichloroethylene	BRL	ug/L	0.50	0.12	1	*8260B	8/7/13 11:39	VHL	P3H0149
trans-1,3-Dichloropropylene	BRL	ug/L	0.50	0.043	1	*8260B	8/7/13 11:39	VHL	P3H0149
Trichloroethylene	BRL	ug/L	0.50	0.054	1	*8260B	8/7/13 11:39	VHL	P3H0149
Trichlorofluoromethane	BRL	ug/L	0.50	0.088	1	*8260B	8/7/13 11:39	VHL	P3H0149
Vinyl acetate	BRL	ug/L	2.0	0.10	1	*8260B	8/7/13 11:39	VHL	P3H0149
Vinyl chloride	**0.52**	**ug/L**	**0.50**	**0.16**	**1**	***8260B**	**8/7/13 11:39**	**VHL**	**P3H0149**
Xylenes, total	BRL	ug/L	3.0	0.13	1	*8260B	8/7/13 11:39	VHL	P3H0149

Surrogate	Recovery	Control Limits
4-Bromofluorobenzene	*117 %*	*80-124*
Dibromofluoromethane	*98 %*	*75-129*
Toluene-d8	*113 %*	*77-123*

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No: BAI.002A

Prism Work Order: 3080080
Time Submitted: 8/6/2013 9:15:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3H0149 - 5030B										
Blank (P3H0149-BLK1)				Prepared & Analyzed: 08/07/13						
1,1,1,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,1-Trichloroethane	BRL	0.50	ug/L							
1,1,2,2-Tetrachloroethane	BRL	0.50	ug/L							
1,1,2-Trichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethane	BRL	0.50	ug/L							
1,1-Dichloroethylene	BRL	0.50	ug/L							
1,1-Dichloropropylene	BRL	0.50	ug/L							
1,2,3-Trichlorobenzene	BRL	2.0	ug/L							
1,2,3-Trichloropropane	BRL	1.0	ug/L							
1,2,4-Trichlorobenzene	BRL	1.0	ug/L							
1,2,4-Trimethylbenzene	BRL	0.50	ug/L							
1,2-Dibromo-3-chloropropane	BRL	2.0	ug/L							
1,2-Dibromoethane	BRL	0.50	ug/L							
1,2-Dichlorobenzene	BRL	0.50	ug/L							
1,2-Dichloroethane	BRL	0.50	ug/L							
1,2-Dichloropropane	BRL	0.50	ug/L							
1,3,5-Trimethylbenzene	BRL	0.50	ug/L							
1,3-Dichlorobenzene	BRL	0.50	ug/L							
1,3-Dichloropropane	BRL	0.50	ug/L							
1,4-Dichlorobenzene	BRL	0.50	ug/L							
2,2-Dichloropropane	BRL	2.0	ug/L							
2-Chloroethyl Vinyl Ether	BRL	2.0	ug/L							
2-Chlorotoluene	BRL	0.50	ug/L							
4-Chlorotoluene	BRL	0.50	ug/L							
4-Isopropyltoluene	BRL	0.50	ug/L							
Acetone	BRL	5.0	ug/L							
Acrolein	BRL	20	ug/L							
Acrylonitrile	BRL	20	ug/L							
Benzene	BRL	0.50	ug/L							
Bromobenzene	BRL	0.50	ug/L							
Bromochloromethane	BRL	0.50	ug/L							
Bromodichloromethane	BRL	0.50	ug/L							
Bromoform	BRL	1.0	ug/L							
Bromomethane	BRL	1.0	ug/L							
Carbon disulfide	BRL	5.0	ug/L							
Carbon Tetrachloride	BRL	0.50	ug/L							
Chlorobenzene	BRL	0.50	ug/L							
Chloroethane	BRL	0.50	ug/L							
Chloroform	BRL	0.50	ug/L							
Chloromethane	BRL	0.50	ug/L							
cis-1,2-Dichloroethylene	BRL	0.50	ug/L							
cis-1,3-Dichloropropylene	BRL	0.50	ug/L							
Dibromochloromethane	BRL	0.50	ug/L							
Dibromomethane	BRL	0.50	ug/L							
Dichlorodifluoromethane	BRL	1.0	ug/L							
Ethylbenzene	BRL	0.50	ug/L							

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No: BAI.002A

Prism Work Order: 3080080
Time Submitted: 8/6/2013 9:15:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3H0149 - 5030B										
Blank (P3H0149-BLK1)				Prepared & Analyzed: 08/07/13						
Hexachlorobutadiene	BRL	2.0	ug/L							
Isopropyl Ether	BRL	0.50	ug/L							
Isopropylbenzene (Cumene)	BRL	0.50	ug/L							
m,p-Xylenes	BRL	1.0	ug/L							
Methyl Butyl Ketone (2-Hexanone)	BRL	5.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	BRL	5.0	ug/L							
Methyl Isobutyl Ketone	BRL	5.0	ug/L							
Methylene Chloride	BRL	1.0	ug/L							
Methyl-tert-Butyl Ether	BRL	0.50	ug/L							
Naphthalene	BRL	1.0	ug/L							
n-Butylbenzene	BRL	1.0	ug/L							
n-Propylbenzene	BRL	0.50	ug/L							
o-Xylene	BRL	0.50	ug/L							
sec-Butylbenzene	BRL	0.50	ug/L							
Styrene	BRL	0.50	ug/L							
tert-Butylbenzene	BRL	0.50	ug/L							
Tetrachloroethylene	BRL	0.50	ug/L							
Toluene	BRL	0.50	ug/L							
trans-1,2-Dichloroethylene	BRL	0.50	ug/L							
trans-1,3-Dichloropropylene	BRL	0.50	ug/L							
Trichloroethylene	BRL	0.50	ug/L							
Trichlorofluoromethane	BRL	0.50	ug/L							
Vinyl acetate	BRL	2.0	ug/L							
Vinyl chloride	BRL	0.50	ug/L							
Xylenes, total	BRL	3.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*57.8*		*ug/L*	*50.00*		*116*	*80-124*			
Surrogate: Dibromofluoromethane	*55.3*		*ug/L*	*50.00*		*111*	*75-129*			
Surrogate: Toluene-d8	*56.9*		*ug/L*	*50.00*		*114*	*77-123*			

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Hart & Hickman (Raleigh)
Attn: Leonard C. Moretz, L.G., RSM
3334 Hillsborough St.
Raleigh, NC 27607

Project: Trion, Inc.- BAI.002A

Project No: BAI.002A

Prism Work Order: 3080080
Time Submitted: 8/6/2013 9:15:00AM

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3H0149 - 5030B										
LCS (P3H0149-BS1)				Prepared & Analyzed: 08/07/13						
1,1-Dichloroethylene	21.2	0.50	ug/L	20.00		106	70-154			
Benzene	18.8	0.50	ug/L	20.00		94	77-128			
Chlorobenzene	20.7	0.50	ug/L	20.00		104	78-119			
Toluene	18.7	0.50	ug/L	20.00		93	76-131			
Trichloroethylene	18.1	0.50	ug/L	20.00		90	77-133			
Xylenes, total	62.5	3.0	ug/L	60.00		104	77-133			
Surrogate: 4-Bromofluorobenzene	*57.0*		*ug/L*	*50.00*		*114*	*80-124*			
Surrogate: Dibromofluoromethane	*53.2*		*ug/L*	*50.00*		*106*	*75-129*			
Surrogate: Toluene-d8	*56.2*		*ug/L*	*50.00*		*112*	*77-123*			
LCS Dup (P3H0149-BSD1)				Prepared & Analyzed: 08/07/13						
1,1-Dichloroethylene	21.9	0.50	ug/L	20.00		109	70-154	3	20	
Benzene	19.6	0.50	ug/L	20.00		98	77-128	4	20	
Chlorobenzene	21.4	0.50	ug/L	20.00		107	78-119	3	20	
Toluene	19.4	0.50	ug/L	20.00		97	76-131	4	20	
Trichloroethylene	19.0	0.50	ug/L	20.00		95	77-133	5	20	
Xylenes, total	63.8	3.0	ug/L	60.00		106	77-133	2	20	
Surrogate: 4-Bromofluorobenzene	*56.3*		*ug/L*	*50.00*		*113*	*80-124*			
Surrogate: Dibromofluoromethane	*53.6*		*ug/L*	*50.00*		*107*	*75-129*			
Surrogate: Toluene-d8	*55.4*		*ug/L*	*50.00*		*111*	*77-123*			

Sample Extraction Data

Prep Method: 5030B

Lab Number	Batch	Initial	Final	Date/Time
3080080-01	P3H0149	10 mL	10 mL	08/07/13 8:36
3080080-01	P3H0149	10 mL	10 mL	08/07/13 8:36

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PRISM LABORATORIES, INC. | Full-Service Analytical & Environmental Solutions

449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6364 • Fax: 704/525-0409

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING:

Client Company Name: Hart + Hickman
Report To/Contact Name: Leo Moretz
Reporting Address: 3334 Hillsborough Raleigh NC 27607
Phone: 919 847 4241 Fax (Yes) (No):
Email (Yes) (No) Email Address lmoretz@harthickman
EDD Type: PDF ✓ Excel ___ Other ___
Site Location Name: Trion, Inc
Site Location Physical Address: 101 McNeil Rd Sanford NC

Project Name: Trion, Inc
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: Cynthia Wells
Address: H+H Charlotte

Purchase Order No./Billing Reference BAI-002
Requested Due Date ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days ☑ 5 Days
"Working Days" ☐ 6-9 Days ☐ Standard 10 days ☐ Rush Work Must Be Pre-Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival? 5.4 & 5.2	✓		
Received ON WET ICE? Temp 5.6°	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?	✓		
PROPER CONTAINERS used?	✓		

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NELAC ___ USACE ___ FL ___ NC ___ SC ___ OTHER ___ N/A ___
Water Chlorinated: YES ___ NO ___
Sample Iced Upon Collection: YES ___ NO ___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSES REQUESTED 8260						REMARKS	PRISM LAB ID NO.
DW-1	8/2/13	1140	water	VOA	4	40mL	HCl	X						5-day Turnaround	01

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature [signature] Sampled By (Print Name) Matt Gillis Affiliation H&H

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
[signature]	[signature]	8/2/13	1800
Relinquished By: (Signature) [signature]	Received By: (Signature)	Date	
Relinquished By: (Signature) [signature]	Received For Prism Laboratories By: [signature]	Date 8/6/13	9:01
Method of Shipment:		COC Group No. 8/6/13	9:15

NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

☐ Fed Ex ☐ UPS ☐ Hand-delivered ☐ Prism Field Service ☐ Other

Additional Comments:

PRISM USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

3086084

SEE REVERSE FOR TERMS & CONDITIONS

DES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

August 9, 2013

Leo Moretz
Hart & Hickman - Raleigh, NC
3334 Hillsborough Street
Raleigh, NC 27607

Project Location: Trion, Inc.
Client Job Number:
Project Number: BAI-002
Laboratory Work Order Number: 13H0124

Enclosed are results of analyses for samples received by the laboratory on August 2, 2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Hart & Hickman - Raleigh, NC
3334 Hillsborough Street
Raleigh, NC 27607
ATTN: Leo Moretz

REPORT DATE: 8/9/2013

PURCHASE ORDER NUMBER: BAI-002

PROJECT NUMBER: BAI-002

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 13H0124

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Trion, Inc.

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SV-1	13H0124-01	Soil Gas		EPA TO-15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Trion, Inc.
Date Received: 8/2/2013
Field Sample #: SV-1
Sample ID: 13H0124-01
Sample Matrix: Soil Gas
Sampled: 8/2/2013 15:10

Sample Description/Location:
Sub Description/Location:
Canister ID: 1504
Canister Size: 6 liter
Flow Controller ID: 4109
Sample Type: 1 hr

Work Order: 13H0124
Initial Vacuum(in Hg): -27.5
Final Vacuum(in Hg): -22
Receipt Vacuum(in Hg): -22.4
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

	ppbv				ug/m3			Date/Time	
Analyte	**Results**	**RL**	**MDL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
1,1-Dichloroethylene	ND	0.15	0.037		ND	0.59	3	8/9/13 10:17	WSD
cis-1,2-Dichloroethylene	ND	0.15	0.057		ND	0.59	3	8/9/13 10:17	WSD
trans-1,2-Dichloroethylene	ND	0.15	0.040		ND	0.59	3	8/9/13 10:17	WSD
Trichloroethylene	ND	0.15	0.044		ND	0.81	3	8/9/13 10:17	WSD
Vinyl Chloride	12	0.15	0.064		31	0.38	3	8/9/13 10:17	WSD

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	107	70-130	8/9/13 10:17

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Sample Extraction Data

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
13H0124-01 [SV-1]	B078498	3	1	N/A	1000	400	400	08/08/13

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	ppbv RL	ug/m3 Results	ug/m3 RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch B078498 - TO-15 Prep											
Blank (B078498-BLK1)					Prepared & Analyzed: 08/08/13						
1,1-Dichloroethylene	ND	0.025									
cis-1,2-Dichloroethylene	ND	0.025									
trans-1,2-Dichloroethylene	ND	0.025									
Trichloroethylene	ND	0.025									
Vinyl Chloride	ND	0.025									
Surrogate: 4-Bromofluorobenzene (1)	*8.43*				*8.00*		*105*	*70-130*			
LCS (B078498-BS1)					Prepared & Analyzed: 08/08/13						
1,1-Dichloroethylene	5.00				5.00		100	70-130			
cis-1,2-Dichloroethylene	5.78				5.00		116	70-130			
trans-1,2-Dichloroethylene	5.55				5.00		111	70-130			
Trichloroethylene	4.60				5.00		91.9	70-130			
Vinyl Chloride	5.62				5.00		112	70-130			
Surrogate: 4-Bromofluorobenzene (1)	*8.35*				*8.00*		*104*	*70-130*			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
1,1-Dichloroethylene	AIHA,FL,NJ,NY,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,VA
trans-1,2-Dichloroethylene	AIHA,NJ,NY,VA
Trichloroethylene	AIHA,FL,NJ,NY,VA
Vinyl Chloride	AIHA,FL,NJ,NY,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2014
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2014
RI	Rhode Island Department of Health	LAO00112	12/30/2013
NC	North Carolina Div. of Water Quality	652	12/31/2013
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2014
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2013
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 SPRUCE ST
EAST LONGMEADOW, MA 01028

AIR SAMPLE CHAIN OF CUSTODY RECORD

13H0124

Company Name: Hart & Hickman
Address: 3334 Hillsborough St
Raleigh NC 27607
Attention: Leo Moretz
Project Location: Trion, Inc
Sampled By: Matt Gillis

Telephone: (919) 847 4241
Project # BAI-002
Client PO # BAI-002

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # :
Email: lmoretz@harthickman.com
Format: ☒ EXCEL ☐ PDF ☐ GIS KEY ☐ OTHER___

Proposal Provided? (For Billing purposes)
☐ yes _____ proposal date

Please fill out completely, sign, d and retain the yello copy for your recor

Summa canisters a flow controllers mu e returned within 14 of receipt or rental will apply.

Summa canisters w e retained for a minin of 14 days after sampling date prior cleaning.

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	ONLY USE WHEN USING PUMPS: Total Minutes Sampled	Flow Rate M^3/Min. or L / Min.	Volume Liters or M^3	Matrix Code*	ANALYSIS REQUESTED: TO-15 TCE, 1-2 DCE, 1-1-DCE + VC				" Hg Initial pressure	" Hg Final Pressure	" Hg Lab Receipt Pressure	Summa Canister ID	Flow Controller ID
	SV-1	S	01	8/2/13 1400	8/2/13 1510				SG	X				27.5	22	22	1504	4109

Laboratory Comments: Let canister sit for 1 hr 10 min Gauge did not go below 22 Hg for ≈ 45 min while sampling.

CLIENT COMMENTS: Leo Moretz kept canister 1481 for sampling next week Flow 4108

Relinquished by: (signature)	Date/Time:
Matthew	8/2/13 1700
Received by: (signature)	Date/Time:
[illegible]	8/3/13 924
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround **
☐ 7-Day
☐ 10-Day
☒ Other 5
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
*Approval Required

Special Requirements
Regulations:
Data Enhancement/RCP? ☐ Y ☐ N
Enhanced Data Package ☐ Y ☐ N
(Surcharge Applies)
Required Detection Limits:
Other:

***Matrix Code:**
SG= SOIL GAS
IA= INDOOR AIR
AMB=AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = other_____

****Media Codes:**
S=summa can
TB=tedlar bag
P=PUF
T=tube
F= filter
C=cassette
O = Other_____

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

Page 9 of 11 CRWPDF87 08/09/13 16:54:18

FedEx

796384505002

Ship (P/U) date :
Fri 8/02/2013 4:50 pm
Raleigh, NC US

Delivered
Signed for by: B FARERA

Actual delivery :
Sat 8/03/2013 9:24 am
EAST LONGMEADOW, MA US

Let us tell you when your shipment arrives. Sign up for delivery notifications

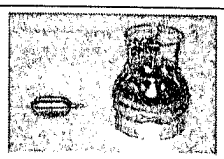
Travel History

Date/Time	Activity	Location
- 8/03/2013	- Saturday	
9:24 am	Delivered	EAST LONGMEADOW, MA
8:42 am	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
8:12 am	At local FedEx facility	WINDSOR LOCKS, CT
6:53 am	At destination sort facility	EAST GRANBY, CT
3:44 am	Departed FedEx location	MEMPHIS, TN
- 8/02/2013	- Friday	
10:47 pm	Arrived at FedEx location	MEMPHIS, TN
8:31 pm	Left FedEx origin facility	RALEIGH, NC
4:50 pm	Picked up	RALEIGH, NC
4:25 pm	Shipment information sent to FedEx	

Local Scan Time

Shipment Facts

Tracking number	796384505002	**Service**	FedEx Priority Overnight
Weight	9 lbs	**Dimensions**	21x9x14 in.
Delivered To	Shipping/Receiving	**Total pieces**	1
Total shipment weight	9 lbs / 4.1 kgs	**Department number**	BAI-002
Shipper reference	BAI-002	**Packaging**	Your Packaging
Special handling section	For Saturday Delivery		



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con-test® ANALYTICAL LABORATORY

AIR Only Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: Hart & Hickman RECEIVED BY: WF DATE: 8/13/13

1) Was the chain(s) of custody relinquished and signed? Yes No

2) Does the chain agree with the samples? Yes No
If not, explain:

3) Are all the samples in good condition? Yes ~~No~~
If not, explain:

4) Are there any samples "On Hold"? Yes No Stored where:

5) Are there any RUSH or SHORT HOLDING TIME samples? Yes No
Who was notified _____ Date _____ Time _____

6) Location where samples are stored: AIR lab

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

		# of Containers	Types (Size, Duration)
Summa Cans		1	6 L
Tedlar Bags			
Tubes			
Regulators		1	1 hr
Restrictors			
Tubing			
Other			

Unused Summas:

Unused Regulators:

1) Was all media (used & unused checked into the WASP?

2) Were all returned summa cans, Restrictors, & Regulators documented as returned in the Air Lab Inbound/Outbound Excel Spreadsheet?

Laboratory Comments: 1504 / 4108

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Leo Moretz
Hart and Hickman, PC
3334 Hillsborough Street
Raleigh, NC 27607

Report Summary

Saturday August 31, 2013

Report Number: L653817
Samples Received: 08/23/13
Client Project: BAI-003

Description: Trion Inc Facility

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Alan Harvill

T. Alan Harvill , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1, TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.
Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

This report may not be reproduced, except in full, without written approval from ESC Lab Sciences.
Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Leo Moretz
Hart and Hickman, PC
3334 Hillsborough Street
Raleigh, NC 27607

August 31,2013

ESC Sample # : L653817-01

Date Received : August 23, 2013
Description : Trion Inc Facility

Site ID : SANFORD, NC

Sample ID : DMW-1

Project # : BAI-003

Collected By : Bryan Wence
Collection Date : 08/22/13 12:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	1900	250	ug/l	8260B	08/30/13	5
Acrolein	BDL	250	ug/l	8260B	08/30/13	5
Acrylonitrile	BDL	50.	ug/l	8260B	08/30/13	5
Benzene	BDL	5.0	ug/l	8260B	08/30/13	5
Bromobenzene	BDL	5.0	ug/l	8260B	08/30/13	5
Bromodichloromethane	BDL	5.0	ug/l	8260B	08/30/13	5
Bromoform	BDL	5.0	ug/l	8260B	08/30/13	5
Bromomethane	BDL	25.	ug/l	8260B	08/30/13	5
n-Butylbenzene	BDL	5.0	ug/l	8260B	08/30/13	5
sec-Butylbenzene	BDL	5.0	ug/l	8260B	08/30/13	5
tert-Butylbenzene	BDL	5.0	ug/l	8260B	08/30/13	5
Carbon tetrachloride	BDL	5.0	ug/l	8260B	08/30/13	5
Chlorobenzene	BDL	5.0	ug/l	8260B	08/30/13	5
Chlorodibromomethane	BDL	5.0	ug/l	8260B	08/30/13	5
Chloroethane	BDL	25.	ug/l	8260B	08/30/13	5
2-Chloroethyl vinyl ether	BDL	250	ug/l	8260B	08/30/13	5
Chloroform	BDL	25.	ug/l	8260B	08/30/13	5
Chloromethane	BDL	12.	ug/l	8260B	08/30/13	5
2-Chlorotoluene	BDL	5.0	ug/l	8260B	08/30/13	5
4-Chlorotoluene	BDL	5.0	ug/l	8260B	08/30/13	5
1,2-Dibromo-3-Chloropropane	BDL	25.	ug/l	8260B	08/30/13	5
1,2-Dibromoethane	BDL	5.0	ug/l	8260B	08/30/13	5
Dibromomethane	BDL	5.0	ug/l	8260B	08/30/13	5
1,2-Dichlorobenzene	BDL	5.0	ug/l	8260B	08/30/13	5
1,3-Dichlorobenzene	BDL	5.0	ug/l	8260B	08/30/13	5
1,4-Dichlorobenzene	BDL	5.0	ug/l	8260B	08/30/13	5
Dichlorodifluoromethane	BDL	25.	ug/l	8260B	08/30/13	5
1,1-Dichloroethane	BDL	5.0	ug/l	8260B	08/30/13	5
1,2-Dichloroethane	BDL	5.0	ug/l	8260B	08/30/13	5
1,1-Dichloroethene	BDL	5.0	ug/l	8260B	08/30/13	5
cis-1,2-Dichloroethene	BDL	5.0	ug/l	8260B	08/30/13	5
trans-1,2-Dichloroethene	BDL	5.0	ug/l	8260B	08/30/13	5
1,2-Dichloropropane	BDL	5.0	ug/l	8260B	08/30/13	5
1,1-Dichloropropene	BDL	5.0	ug/l	8260B	08/30/13	5
1,3-Dichloropropane	BDL	5.0	ug/l	8260B	08/30/13	5
cis-1,3-Dichloropropene	BDL	5.0	ug/l	8260B	08/30/13	5
trans-1,3-Dichloropropene	BDL	5.0	ug/l	8260B	08/30/13	5
2,2-Dichloropropane	BDL	5.0	ug/l	8260B	08/30/13	5
Di-isopropyl ether	BDL	5.0	ug/l	8260B	08/30/13	5
Ethylbenzene	BDL	5.0	ug/l	8260B	08/30/13	5
Hexachloro-1,3-butadiene	BDL	5.0	ug/l	8260B	08/30/13	5
Isopropylbenzene	BDL	5.0	ug/l	8260B	08/30/13	5
p-Isopropyltoluene	BDL	5.0	ug/l	8260B	08/30/13	5

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Leo Moretz
Hart and Hickman, PC
3334 Hillsborough Street
Raleigh, NC 27607

August 31,2013

ESC Sample # : L653817-01

Date Received : August 23, 2013
Description : Trion Inc Facility

Site ID : SANFORD, NC

Sample ID : DMW-1

Project # : BAI-003

Collected By : Bryan Wence
Collection Date : 08/22/13 12:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	50.	ug/l	8260B	08/30/13	5
Methylene Chloride	BDL	25.	ug/l	8260B	08/30/13	5
4-Methyl-2-pentanone (MIBK)	BDL	50.	ug/l	8260B	08/30/13	5
Methyl tert-butyl ether	BDL	5.0	ug/l	8260B	08/30/13	5
Naphthalene	BDL	25.	ug/l	8260B	08/30/13	5
n-Propylbenzene	BDL	5.0	ug/l	8260B	08/30/13	5
Styrene	BDL	5.0	ug/l	8260B	08/30/13	5
1,1,1,2-Tetrachloroethane	BDL	5.0	ug/l	8260B	08/30/13	5
1,1,2,2-Tetrachloroethane	BDL	5.0	ug/l	8260B	08/30/13	5
Tetrachloroethene	BDL	5.0	ug/l	8260B	08/30/13	5
Toluene	BDL	25.	ug/l	8260B	08/30/13	5
1,2,3-Trichlorobenzene	BDL	5.0	ug/l	8260B	08/30/13	5
1,2,4-Trichlorobenzene	BDL	5.0	ug/l	8260B	08/30/13	5
1,1,1-Trichloroethane	BDL	5.0	ug/l	8260B	08/30/13	5
1,1,2-Trichloroethane	BDL	5.0	ug/l	8260B	08/30/13	5
Trichloroethene	BDL	5.0	ug/l	8260B	08/30/13	5
Trichlorofluoromethane	BDL	25.	ug/l	8260B	08/30/13	5
1,2,3-Trichloropropane	BDL	12.	ug/l	8260B	08/30/13	5
1,2,4-Trimethylbenzene	BDL	5.0	ug/l	8260B	08/30/13	5
1,3,5-Trimethylbenzene	BDL	5.0	ug/l	8260B	08/30/13	5
Vinyl chloride	BDL	5.0	ug/l	8260B	08/30/13	5
Xylenes, Total	BDL	15.	ug/l	8260B	08/30/13	5
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	08/30/13	5
Dibromofluoromethane	104.		% Rec.	8260B	08/30/13	5
4-Bromofluorobenzene	100.		% Rec.	8260B	08/30/13	5

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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Reported: 08/31/13 11:24 Printed: 08/31/13 11:24

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Leo Moretz
Hart and Hickman, PC
3334 Hillsborough Street
Raleigh, NC 27607

August 31,2013

ESC Sample # : L653817-02

Date Received : August 23, 2013
Description : Trion Inc Facility

Site ID : SANFORD, NC

Sample ID : TRIP BLANK

Project # : BAI-003

Collected By : Bryan Wence
Collection Date : 08/22/13 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	08/30/13	1
Acrolein	BDL	50.	ug/l	8260B	08/30/13	1
Acrylonitrile	BDL	10.	ug/l	8260B	08/30/13	1
Benzene	BDL	1.0	ug/l	8260B	08/30/13	1
Bromobenzene	BDL	1.0	ug/l	8260B	08/30/13	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	08/30/13	1
Bromoform	BDL	1.0	ug/l	8260B	08/30/13	1
Bromomethane	BDL	5.0	ug/l	8260B	08/30/13	1
n-Butylbenzene	BDL	1.0	ug/l	8260B	08/30/13	1
sec-Butylbenzene	BDL	1.0	ug/l	8260B	08/30/13	1
tert-Butylbenzene	BDL	1.0	ug/l	8260B	08/30/13	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	08/30/13	1
Chlorobenzene	BDL	1.0	ug/l	8260B	08/30/13	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	08/30/13	1
Chloroethane	BDL	5.0	ug/l	8260B	08/30/13	1
2-Chloroethyl vinyl ether	BDL	50.	ug/l	8260B	08/30/13	1
Chloroform	BDL	5.0	ug/l	8260B	08/30/13	1
Chloromethane	BDL	2.5	ug/l	8260B	08/30/13	1
2-Chlorotoluene	BDL	1.0	ug/l	8260B	08/30/13	1
4-Chlorotoluene	BDL	1.0	ug/l	8260B	08/30/13	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	08/30/13	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	08/30/13	1
Dibromomethane	BDL	1.0	ug/l	8260B	08/30/13	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	08/30/13	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	08/30/13	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	08/30/13	1
Dichlorodifluoromethane	BDL	5.0	ug/l	8260B	08/30/13	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	08/30/13	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	08/30/13	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	08/30/13	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	08/30/13	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	08/30/13	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	08/30/13	1
1,1-Dichloropropene	BDL	1.0	ug/l	8260B	08/30/13	1
1,3-Dichloropropane	BDL	1.0	ug/l	8260B	08/30/13	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	08/30/13	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	08/30/13	1
2,2-Dichloropropane	BDL	1.0	ug/l	8260B	08/30/13	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	08/30/13	1
Ethylbenzene	BDL	1.0	ug/l	8260B	08/30/13	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	8260B	08/30/13	1
Isopropylbenzene	BDL	1.0	ug/l	8260B	08/30/13	1
p-Isopropyltoluene	BDL	1.0	ug/l	8260B	08/30/13	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Leo Moretz
Hart and Hickman, PC
3334 Hillsborough Street
Raleigh, NC 27607

August 31,2013

ESC Sample # : L653817-02

Date Received : August 23, 2013
Description : Trion Inc Facility

Site ID : SANFORD, NC

Sample ID : TRIP BLANK

Project # : BAI-003

Collected By : Bryan Wence
Collection Date : 08/22/13 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	10.	ug/l	8260B	08/30/13	1
Methylene Chloride	BDL	5.0	ug/l	8260B	08/30/13	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	08/30/13	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	08/30/13	1
Naphthalene	BDL	5.0	ug/l	8260B	08/30/13	1
n-Propylbenzene	BDL	1.0	ug/l	8260B	08/30/13	1
Styrene	BDL	1.0	ug/l	8260B	08/30/13	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	08/30/13	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	08/30/13	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	08/30/13	1
Toluene	BDL	5.0	ug/l	8260B	08/30/13	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	8260B	08/30/13	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	8260B	08/30/13	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	08/30/13	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	08/30/13	1
Trichloroethene	BDL	1.0	ug/l	8260B	08/30/13	1
Trichlorofluoromethane	BDL	5.0	ug/l	8260B	08/30/13	1
1,2,3-Trichloropropane	BDL	2.5	ug/l	8260B	08/30/13	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	8260B	08/30/13	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	8260B	08/30/13	1
Vinyl chloride	BDL	1.0	ug/l	8260B	08/30/13	1
Xylenes, Total	BDL	3.0	ug/l	8260B	08/30/13	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	08/30/13	1
Dibromofluoromethane	103.		% Rec.	8260B	08/30/13	1
4-Bromofluorobenzene	102.		% Rec.	8260B	08/30/13	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 08/31/13 11:24 Printed: 08/31/13 11:24

Summary of Remarks For Samples Printed
08/31/13 at 11:24:38

TSR Signing Reports: 350
R5 - Desired TAT

Paperless client; PPB; No charge for trip blanks; No MDL/RDL unless specified; Send reports and invoices to project manager only; V8260LL14D = $60 w/ full 8260

Sample: L653817-01 Account: HARTHICKNC Received: 08/23/13 11:30 Due Date: 08/30/13 00:00 RPT Date: 08/31/13 11:24

Sample: L653817-02 Account: HARTHICKNC Received: 08/23/13 11:30 Due Date: 08/30/13 00:00 RPT Date: 08/31/13 11:24

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Est. 1970

Hart and Hickman, PC
Leo Moretz
3334 Hillsborough Street

Raleigh, NC 27607

Quality Assurance Report
Level II

L653817

August 31, 2013

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
1,1,1,2-Tetrachloroethane	< .001	mg/l			WG679607	08/30/13 00:51
1,1,1-Trichloroethane	< .001	mg/l			WG679607	08/30/13 00:51
1,1,2,2-Tetrachloroethane	< .001	mg/l			WG679607	08/30/13 00:51
1,1,2-Trichloroethane	< .001	mg/l			WG679607	08/30/13 00:51
1,1-Dichloroethane	< .001	mg/l			WG679607	08/30/13 00:51
1,1-Dichloroethene	< .001	mg/l			WG679607	08/30/13 00:51
1,1-Dichloropropene	< .001	mg/l			WG679607	08/30/13 00:51
1,2,3-Trichlorobenzene	< .001	mg/l			WG679607	08/30/13 00:51
1,2,3-Trichloropropane	< .001	mg/l			WG679607	08/30/13 00:51
1,2,4-Trichlorobenzene	< .001	mg/l			WG679607	08/30/13 00:51
1,2,4-Trimethylbenzene	< .001	mg/l			WG679607	08/30/13 00:51
1,2-Dibromo-3-Chloropropane	< .005	mg/l			WG679607	08/30/13 00:51
1,2-Dibromoethane	< .001	mg/l			WG679607	08/30/13 00:51
1,2-Dichlorobenzene	< .001	mg/l			WG679607	08/30/13 00:51
1,2-Dichloroethane	< .001	mg/l			WG679607	08/30/13 00:51
1,2-Dichloropropane	< .001	mg/l			WG679607	08/30/13 00:51
1,3,5-Trimethylbenzene	< .001	mg/l			WG679607	08/30/13 00:51
1,3-Dichlorobenzene	< .001	mg/l			WG679607	08/30/13 00:51
1,3-Dichloropropane	< .001	mg/l			WG679607	08/30/13 00:51
1,4-Dichlorobenzene	< .001	mg/l			WG679607	08/30/13 00:51
2,2-Dichloropropane	< .001	mg/l			WG679607	08/30/13 00:51
2-Butanone (MEK)	< .01	mg/l			WG679607	08/30/13 00:51
2-Chloroethyl vinyl ether	< .05	mg/l			WG679607	08/30/13 00:51
2-Chlorotoluene	< .001	mg/l			WG679607	08/30/13 00:51
4-Chlorotoluene	< .001	mg/l			WG679607	08/30/13 00:51
4-Methyl-2-pentanone (MIBK)	< .01	mg/l			WG679607	08/30/13 00:51
Acetone	< .05	mg/l			WG679607	08/30/13 00:51
Acrolein	< .025	mg/l			WG679607	08/30/13 00:51
Acrylonitrile	< .01	mg/l			WG679607	08/30/13 00:51
Benzene	< .001	mg/l			WG679607	08/30/13 00:51
Bromobenzene	< .001	mg/l			WG679607	08/30/13 00:51
Bromodichloromethane	< .001	mg/l			WG679607	08/30/13 00:51
Bromoform	< .001	mg/l			WG679607	08/30/13 00:51
Bromomethane	< .005	mg/l			WG679607	08/30/13 00:51
Carbon tetrachloride	< .001	mg/l			WG679607	08/30/13 00:51
Chlorobenzene	< .001	mg/l			WG679607	08/30/13 00:51
Chlorodibromomethane	< .001	mg/l			WG679607	08/30/13 00:51
Chloroethane	< .005	mg/l			WG679607	08/30/13 00:51
Chloroform	< .005	mg/l			WG679607	08/30/13 00:51
Chloromethane	< .0025	mg/l			WG679607	08/30/13 00:51
cis-1,2-Dichloroethene	< .001	mg/l			WG679607	08/30/13 00:51
cis-1,3-Dichloropropene	< .001	mg/l			WG679607	08/30/13 00:51
Di-isopropyl ether	< .001	mg/l			WG679607	08/30/13 00:51
Dibromomethane	< .001	mg/l			WG679607	08/30/13 00:51
Dichlorodifluoromethane	< .005	mg/l			WG679607	08/30/13 00:51
Ethylbenzene	< .001	mg/l			WG679607	08/30/13 00:51
Hexachloro-1,3-butadiene	< .001	mg/l			WG679607	08/30/13 00:51
Isopropylbenzene	< .001	mg/l			WG679607	08/30/13 00:51
Methyl tert-butyl ether	< .001	mg/l			WG679607	08/30/13 00:51
Methylene Chloride	< .005	mg/l			WG679607	08/30/13 00:51
n-Butylbenzene	< .001	mg/l			WG679607	08/30/13 00:51
n-Propylbenzene	< .001	mg/l			WG679607	08/30/13 00:51
Naphthalene	< .005	mg/l			WG679607	08/30/13 00:51
p-Isopropyltoluene	< .001	mg/l			WG679607	08/30/13 00:51
sec-Butylbenzene	< .001	mg/l			WG679607	08/30/13 00:51
Styrene	< .001	mg/l			WG679607	08/30/13 00:51
tert-Butylbenzene	< .001	mg/l			WG679607	08/30/13 00:51
Tetrachloroethene	< .001	mg/l			WG679607	08/30/13 00:51
Toluene	< .005	mg/l			WG679607	08/30/13 00:51

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Tax I.D. 62-0814289

Est. 1970

Hart and Hickman, PC
Leo Moretz
3334 Hillsborough Street

Raleigh, NC 27607

Quality Assurance Report
Level II

L653817

August 31, 2013

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
trans-1,2-Dichloroethene	< .001	mg/l			WG679607	08/30/13 00:51
trans-1,3-Dichloropropene	< .001	mg/l			WG679607	08/30/13 00:51
Trichloroethene	< .001	mg/l			WG679607	08/30/13 00:51
Trichlorofluoromethane	< .005	mg/l			WG679607	08/30/13 00:51
Vinyl chloride	< .001	mg/l			WG679607	08/30/13 00:51
Xylenes, Total	< .003	mg/l			WG679607	08/30/13 00:51
4-Bromofluorobenzene		% Rec.	102.0	71-126	WG679607	08/30/13 00:51
Dibromofluoromethane		% Rec.	102.0	78.3-121	WG679607	08/30/13 00:51
Toluene-d8		% Rec.	104.0	88.5-111	WG679607	08/30/13 00:51

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
1,1,1,2-Tetrachloroethane	mg/l	.025	0.0212	84.8	74.2-124	WG679607
1,1,1-Trichloroethane	mg/l	.025	0.0253	101.	73.2-123	WG679607
1,1,2,2-Tetrachloroethane	mg/l	.025	0.0209	83.7	70.7-122	WG679607
1,1,2-Trichloroethane	mg/l	.025	0.0218	87.3	77.7-118	WG679607
1,1-Dichloroethane	mg/l	.025	0.0257	103.	70.7-126	WG679607
1,1-Dichloroethene	mg/l	.025	0.0272	109.	67.8-129	WG679607
1,1-Dichloropropene	mg/l	.025	0.0255	102.	73.1-125	WG679607
1,2,3-Trichlorobenzene	mg/l	.025	0.0236	94.5	64.9-135	WG679607
1,2,3-Trichloropropane	mg/l	.025	0.0197	78.7	71.8-121	WG679607
1,2,4-Trichlorobenzene	mg/l	.025	0.0251	100.	69.7-136	WG679607
1,2,4-Trimethylbenzene	mg/l	.025	0.0222	88.6	75-123	WG679607
1,2-Dibromo-3-Chloropropane	mg/l	.025	0.0196	78.6	65.4-128	WG679607
1,2-Dibromoethane	mg/l	.025	0.0210	84.0	76.6-121	WG679607
1,2-Dichlorobenzene	mg/l	.025	0.0226	90.6	78.4-117	WG679607
1,2-Dichloroethane	mg/l	.025	0.0282	113.	68.8-124	WG679607
1,2-Dichloropropane	mg/l	.025	0.0243	97.1	76.5-119	WG679607
1,3,5-Trimethylbenzene	mg/l	.025	0.0227	90.7	75.6-124	WG679607
1,3-Dichlorobenzene	mg/l	.025	0.0211	84.4	70.8-128	WG679607
1,3-Dichloropropane	mg/l	.025	0.0229	91.7	77.4-117	WG679607
1,4-Dichlorobenzene	mg/l	.025	0.0222	88.9	78.8-115	WG679607
2,2-Dichloropropane	mg/l	.025	0.0260	104.	62.4-133	WG679607
2-Butanone (MEK)	mg/l	.125	0.104	83.4	55-149	WG679607
2-Chloroethyl vinyl ether	mg/l	.125	0.120	96.2	43.8-150	WG679607
2-Chlorotoluene	mg/l	.025	0.0216	86.5	74.7-122	WG679607
4-Chlorotoluene	mg/l	.025	0.0225	89.8	77.5-120	WG679607
4-Methyl-2-pentanone (MIBK)	mg/l	.125	0.124	98.8	70.5-133	WG679607
Acetone	mg/l	.125	0.122	97.8	35.6-163	WG679607
Acrolein	mg/l	.125	0.117	93.8	10-190	WG679607
Acrylonitrile	mg/l	.125	0.116	92.8	55.2-130	WG679607
Benzene	mg/l	.025	0.0233	93.4	74.8-121	WG679607
Bromobenzene	mg/l	.025	0.0234	93.4	77.5-116	WG679607
Bromodichloromethane	mg/l	.025	0.0242	96.9	75.1-116	WG679607
Bromoform	mg/l	.025	0.0194	77.4	67.5-130	WG679607
Bromomethane	mg/l	.025	0.0236	94.5	49.9-162	WG679607
Carbon tetrachloride	mg/l	.025	0.0244	97.6	70.2-123	WG679607
Chlorobenzene	mg/l	.025	0.0225	90.0	78.1-119	WG679607
Chlorodibromomethane	mg/l	.025	0.0207	82.8	74-121	WG679607
Chloroethane	mg/l	.025	0.0257	103.	61.7-135	WG679607
Chloroform	mg/l	.025	0.0256	102.	76-121	WG679607
Chloromethane	mg/l	.025	0.0270	108.	61.5-129	WG679607
cis-1,2-Dichloroethene	mg/l	.025	0.0214	85.8	76-119	WG679607
cis-1,3-Dichloropropene	mg/l	.025	0.0236	94.6	78.2-120	WG679607
Di-isopropyl ether	mg/l	.025	0.0275	110.	65.6-132	WG679607
Dibromomethane	mg/l	.025	0.0236	94.5	79.5-118	WG679607
Dichlorodifluoromethane	mg/l	.025	0.0265	106.	54.8-135	WG679607
Ethylbenzene	mg/l	.025	0.0213	85.3	78.8-122	WG679607

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Leo Moretz
3334 Hillsborough Street

Raleigh, NC 27607

Quality Assurance Report
Level II

L653817

August 31, 2013

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Hexachloro-1,3-butadiene	mg/l	.025	0.0216	86.5	64.7-129	WG679607
Isopropylbenzene	mg/l	.025	0.0243	97.2	78.6-132	WG679607
Methyl tert-butyl ether	mg/l	.025	0.0251	100.	71.2-126	WG679607
Methylene Chloride	mg/l	.025	0.0219	87.5	70.3-120	WG679607
n-Butylbenzene	mg/l	.025	0.0253	101.	76.2-126	WG679607
n-Propylbenzene	mg/l	.025	0.0231	92.5	78.2-122	WG679607
Naphthalene	mg/l	.025	0.0223	89.0	68.4-128	WG679607
p-Isopropyltoluene	mg/l	.025	0.0226	90.2	74-131	WG679607
sec-Butylbenzene	mg/l	.025	0.0226	90.5	74.4-127	WG679607
Styrene	mg/l	.025	0.0219	87.4	80.4-126	WG679607
tert-Butylbenzene	mg/l	.025	0.0226	90.6	75.3-126	WG679607
Tetrachloroethene	mg/l	.025	0.0206	82.4	72.6-126	WG679607
Toluene	mg/l	.025	0.0233	93.1	79.7-116	WG679607
trans-1,2-Dichloroethene	mg/l	.025	0.0226	90.5	72.6-121	WG679607
trans-1,3-Dichloropropene	mg/l	.025	0.0198	79.1	74.3-123	WG679607
Trichloroethene	mg/l	.025	0.0226	90.4	77.7-118	WG679607
Trichlorofluoromethane	mg/l	.025	0.0218	87.4	63.5-135	WG679607
Vinyl chloride	mg/l	.025	0.0238	95.2	65.9-128	WG679607
Xylenes, Total	mg/l	.075	0.0655	87.3	78.7-121	WG679607
4-Bromofluorobenzene				99.60	71-126	WG679607
Dibromofluoromethane				102.0	78.3-121	WG679607
Toluene-d8				104.0	88.5-111	WG679607

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
1,1,1,2-Tetrachloroethane	mg/l	0.0207	0.0212	83.0	74.2-124	2.42	20	WG679607
1,1,1-Trichloroethane	mg/l	0.0254	0.0253	102.	73.2-123	0.230	20	WG679607
1,1,2,2-Tetrachloroethane	mg/l	0.0206	0.0209	82.0	70.7-122	1.59	20	WG679607
1,1,2-Trichloroethane	mg/l	0.0208	0.0218	83.0	77.7-118	4.55	20	WG679607
1,1-Dichloroethane	mg/l	0.0255	0.0257	102.	70.7-126	0.780	20	WG679607
1,1-Dichloroethene	mg/l	0.0270	0.0272	108.	67.8-129	0.610	20	WG679607
1,1-Dichloropropene	mg/l	0.0248	0.0255	99.0	73.1-125	2.74	20	WG679607
1,2,3-Trichlorobenzene	mg/l	0.0229	0.0236	92.0	64.9-135	2.96	20	WG679607
1,2,3-Trichloropropane	mg/l	0.0197	0.0197	79.0	71.8-121	0.210	20	WG679607
1,2,4-Trichlorobenzene	mg/l	0.0241	0.0251	96.0	69.7-136	4.22	20	WG679607
1,2,4-Trimethylbenzene	mg/l	0.0215	0.0222	86.0	75-123	2.84	20	WG679607
1,2-Dibromo-3-Chloropropane	mg/l	0.0196	0.0196	78.0	65.4-128	0.450	20	WG679607
1,2-Dibromoethane	mg/l	0.0207	0.0210	83.0	76.6-121	1.46	20	WG679607
1,2-Dichlorobenzene	mg/l	0.0226	0.0226	90.0	78.4-117	0.380	20	WG679607
1,2-Dichloroethane	mg/l	0.0275	0.0282	110.	68.8-124	2.41	20	WG679607
1,2-Dichloropropane	mg/l	0.0244	0.0243	98.0	76.5-119	0.620	20	WG679607
1,3,5-Trimethylbenzene	mg/l	0.0221	0.0227	88.0	75.6-124	2.74	20	WG679607
1,3-Dichlorobenzene	mg/l	0.0205	0.0211	82.0	70.8-128	3.16	20	WG679607
1,3-Dichloropropane	mg/l	0.0221	0.0229	88.0	77.4-117	3.61	20	WG679607
1,4-Dichlorobenzene	mg/l	0.0218	0.0222	87.0	78.8-115	2.09	20	WG679607
2,2-Dichloropropane	mg/l	0.0263	0.0260	105.	62.4-133	0.950	20	WG679607
2-Butanone (MEK)	mg/l	0.105	0.104	84.0	55-149	0.990	20	WG679607
2-Chloroethyl vinyl ether	mg/l	0.119	0.120	95.0	43.8-150	1.25	20	WG679607
2-Chlorotoluene	mg/l	0.0212	0.0216	85.0	74.7-122	2.14	20	WG679607
4-Chlorotoluene	mg/l	0.0221	0.0225	88.0	77.5-120	1.68	20	WG679607
4-Methyl-2-pentanone (MIBK)	mg/l	0.124	0.124	99.0	70.5-133	0.670	20	WG679607
Acetone	mg/l	0.121	0.122	97.0	35.6-163	1.02	23.9	WG679607
Acrolein	mg/l	0.117	0.117	94.0	10-190	0.190	28.1	WG679607
Acrylonitrile	mg/l	0.117	0.116	94.0	55.2-130	0.900	20	WG679607
Benzene	mg/l	0.0230	0.0233	92.0	74.8-121	1.60	20	WG679607
Bromobenzene	mg/l	0.0227	0.0234	91.0	77.5-116	2.93	20	WG679607
Bromodichloromethane	mg/l	0.0239	0.0242	96.0	75.1-116	1.29	20	WG679607
Bromoform	mg/l	0.0186	0.0194	74.0	67.5-130	3.79	20	WG679607

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Quality Assurance Report
Level II

L653817

August 31, 2013

		Laboratory Control Sample Duplicate						
Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
Bromomethane	mg/l	0.0232	0.0236	93.0	49.9-162	2.06	20	WG679607
Carbon tetrachloride	mg/l	0.0240	0.0244	96.0	70.2-123	1.52	20	WG679607
Chlorobenzene	mg/l	0.0217	0.0225	87.0	78.1-119	3.41	20	WG679607
Chlorodibromomethane	mg/l	0.0202	0.0207	81.0	74-121	2.27	20	WG679607
Chloroethane	mg/l	0.0246	0.0257	98.0	61.7-135	4.59	20	WG679607
Chloroform	mg/l	0.0255	0.0256	102.	76-121	0.140	20	WG679607
Chloromethane	mg/l	0.0264	0.0270	106.	61.5-129	1.95	20	WG679607
cis-1,2-Dichloroethene	mg/l	0.0216	0.0214	86.0	76-119	0.730	20	WG679607
cis-1,3-Dichloropropene	mg/l	0.0239	0.0236	96.0	78.2-120	1.28	20	WG679607
Di-isopropyl ether	mg/l	0.0274	0.0275	110.	65.6-132	0.120	20	WG679607
Dibromomethane	mg/l	0.0238	0.0236	95.0	79.5-118	0.580	20	WG679607
Dichlorodifluoromethane	mg/l	0.0258	0.0265	103.	54.8-135	2.64	20	WG679607
Ethylbenzene	mg/l	0.0209	0.0213	84.0	78.8-122	1.99	20	WG679607
Hexachloro-1,3-butadiene	mg/l	0.0217	0.0216	87.0	64.7-129	0.470	20	WG679607
Isopropylbenzene	mg/l	0.0239	0.0243	95.0	78.6-132	1.85	20	WG679607
Methyl tert-butyl ether	mg/l	0.0251	0.0251	100.	71.2-126	0.280	20	WG679607
Methylene Chloride	mg/l	0.0217	0.0219	87.0	70.3-120	0.680	20	WG679607
n-Butylbenzene	mg/l	0.0247	0.0253	99.0	76.2-126	2.49	20	WG679607
n-Propylbenzene	mg/l	0.0225	0.0231	90.0	78.2-122	2.65	20	WG679607
Naphthalene	mg/l	0.0223	0.0223	89.0	68.4-128	0.180	20	WG679607
p-Isopropyltoluene	mg/l	0.0218	0.0226	87.0	74-131	3.28	20	WG679607
sec-Butylbenzene	mg/l	0.0220	0.0226	88.0	74.4-127	2.57	20	WG679607
Styrene	mg/l	0.0217	0.0219	87.0	80.4-126	0.920	20	WG679607
tert-Butylbenzene	mg/l	0.0220	0.0226	88.0	75.3-126	2.72	20	WG679607
Tetrachloroethene	mg/l	0.0202	0.0206	81.0	72.6-126	2.09	20	WG679607
Toluene	mg/l	0.0229	0.0233	91.0	79.7-116	1.78	20	WG679607
trans-1,2-Dichloroethene	mg/l	0.0224	0.0226	89.0	72.6-121	1.16	20	WG679607
trans-1,3-Dichloropropene	mg/l	0.0196	0.0198	78.0	74.3-123	0.970	20	WG679607
Trichloroethene	mg/l	0.0227	0.0226	91.0	77.7-118	0.390	20	WG679607
Trichlorofluoromethane	mg/l	0.0215	0.0218	86.0	63.5-135	1.66	20	WG679607
Vinyl chloride	mg/l	0.0231	0.0238	92.0	65.9-128	3.10	20	WG679607
Xylenes, Total	mg/l	0.0639	0.0655	85.0	78.7-121	2.36	20	WG679607
4-Bromofluorobenzene				99.00	71-126			WG679607
Dibromofluoromethane				102.0	78.3-121			WG679607
Toluene-d8				104.0	88.5-111			WG679607

Batch number /Run number / Sample number cross reference

WG679607: R2797300: L653817-01 02

* * Calculations are performed prior to rounding of reported values.
* Performance of this Analyte is outside of established criteria.
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Quality Assurance Report
Level II

L653817

August 31, 2013

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-35138-1
TestAmerica Sample Delivery Group: BAI-003
Client Project/Site: Trion, Inc.

For:
Hart & Hickman, PC
3334 Hillsborough Street
Raleigh, North Carolina 27607

Attn: Leo Moretz

Authorized for release by:
9/18/2013 12:00:44 PM

Ken Hayes, Project Manager I
ken.hayes@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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.

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Sample Summary

Client: Hart & Hickman, PC
Project/Site: Trion, Inc.

TestAmerica Job ID: 490-35138-1
SDG: BAI-003

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-35138-1	DMW-1	Water	09/11/13 11:20	09/12/13 08:15
490-35138-2	Trip Blank	Water	09/11/13 00:01	09/12/13 08:15

Case Narrative

Client: Hart & Hickman, PC
Project/Site: Trion, Inc.

TestAmerica Job ID: 490-35138-1
SDG: BAI-003

Job ID: 490-35138-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-35138-1

Comments
No additional comments.

Receipt
The samples were received on 9/12/2013 8:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.6º C.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) percent recoveries for bromoform, carbon tetrachloride, chlorodibromomethane, and dichlorobromomethane and %RPD for carbon tetrachloride and chlorodibromomethane in batch 107333 were outside control limits. This is attributed to system contamination from a sample that foamed during purge. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) percent recoveries and %RPD for batch 107580 were outside control limits. This is attributed to a poor pull from the vial by the autosampler.

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS/MSD Recovery and/or RPD exceeds the 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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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)

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: Trion, Inc.

TestAmerica Job ID: 490-35138-1
SDG: BAI-003

Client Sample ID: DMW-1

Date Collected: 09/11/13 11:20
Date Received: 09/12/13 08:15

Lab Sample ID: 490-35138-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**7780**		50.0		ug/L			09/17/13 15:57	10
Benzene	ND		1.00		ug/L			09/17/13 15:31	1
Bromobenzene	ND		1.00		ug/L			09/17/13 15:31	1
Bromochloromethane	ND		1.00		ug/L			09/17/13 15:31	1
Bromodichloromethane	ND		1.00		ug/L			09/17/13 15:31	1
Bromoform	ND		1.00		ug/L			09/17/13 15:31	1
Bromomethane	ND		1.00		ug/L			09/17/13 15:31	1
2-Butanone (MEK)	ND		50.0		ug/L			09/17/13 15:31	1
Diisopropyl ether	ND		2.00		ug/L			09/17/13 15:31	1
Carbon disulfide	**1.54**		1.00		ug/L			09/17/13 15:31	1
Carbon tetrachloride	ND		1.00		ug/L			09/17/13 15:31	1
Chlorobenzene	ND		1.00		ug/L			09/17/13 15:31	1
Chlorodibromomethane	ND		1.00		ug/L			09/17/13 15:31	1
Chloroethane	ND		1.00		ug/L			09/17/13 15:31	1
Chloroform	ND		1.00		ug/L			09/17/13 15:31	1
Chloromethane	ND		1.00		ug/L			09/17/13 15:31	1
2-Chlorotoluene	ND		1.00		ug/L			09/17/13 15:31	1
4-Chlorotoluene	ND		1.00		ug/L			09/17/13 15:31	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			09/17/13 15:31	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			09/17/13 15:31	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			09/17/13 15:31	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			09/17/13 15:31	1
Dibromomethane	ND		1.00		ug/L			09/17/13 15:31	1
1,2-Dichlorobenzene	ND		1.00		ug/L			09/17/13 15:31	1
1,3-Dichlorobenzene	ND		1.00		ug/L			09/17/13 15:31	1
1,4-Dichlorobenzene	ND		1.00		ug/L			09/17/13 15:31	1
Dichlorodifluoromethane	ND		1.00		ug/L			09/17/13 15:31	1
1,1-Dichloroethane	ND		1.00		ug/L			09/17/13 15:31	1
1,2-Dichloroethane	ND		1.00		ug/L			09/17/13 15:31	1
1,1-Dichloroethene	ND		1.00		ug/L			09/17/13 15:31	1
1,2-Dichloroethene, Total	ND		1.00		ug/L			09/17/13 15:31	1
1,2-Dichloropropane	ND		1.00		ug/L			09/17/13 15:31	1
1,3-Dichloropropane	ND		1.00		ug/L			09/17/13 15:31	1
2,2-Dichloropropane	ND		1.00		ug/L			09/17/13 15:31	1
1,1-Dichloropropene	ND		1.00		ug/L			09/17/13 15:31	1
Ethylbenzene	ND		1.00		ug/L			09/17/13 15:31	1
Hexachlorobutadiene	ND		2.00		ug/L			09/17/13 15:31	1
2-Hexanone	ND		5.00		ug/L			09/17/13 15:31	1
Isopropylbenzene	ND		1.00		ug/L			09/17/13 15:31	1
Methylene Chloride	ND		5.00		ug/L			09/17/13 15:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.00		ug/L			09/17/13 15:31	1
Methyl tert-butyl ether	ND		1.00		ug/L			09/17/13 15:31	1
Naphthalene	ND		5.00		ug/L			09/17/13 15:31	1
n-Butylbenzene	ND		1.00		ug/L			09/17/13 15:31	1
N-Propylbenzene	ND		1.00		ug/L			09/17/13 15:31	1
p-Isopropyltoluene	ND		1.00		ug/L			09/17/13 15:31	1
sec-Butylbenzene	ND		1.00		ug/L			09/17/13 15:31	1
Styrene	ND		1.00		ug/L			09/17/13 15:31	1
tert-Butylbenzene	ND		1.00		ug/L			09/17/13 15:31	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: Trion, Inc.

TestAmerica Job ID: 490-35138-1
SDG: BAI-003

Client Sample ID: DMW-1

Date Collected: 09/11/13 11:20
Date Received: 09/12/13 08:15

Lab Sample ID: 490-35138-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			09/17/13 15:31	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			09/17/13 15:31	1
Tetrachloroethene	ND		1.00		ug/L			09/17/13 15:31	1
Toluene	ND		1.00		ug/L			09/17/13 15:31	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			09/17/13 15:31	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			09/17/13 15:31	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			09/17/13 15:31	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			09/17/13 15:31	1
1,1,1-Trichloroethane	ND		1.00		ug/L			09/17/13 15:31	1
1,1,2-Trichloroethane	ND		1.00		ug/L			09/17/13 15:31	1
Trichloroethene	ND		1.00		ug/L			09/17/13 15:31	1
Trichlorofluoromethane	ND		1.00		ug/L			09/17/13 15:31	1
1,2,3-Trichloropropane	ND		1.00		ug/L			09/17/13 15:31	1
1,2,4-Trimethylbenzene	**1.50**		1.00		ug/L			09/17/13 15:31	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			09/17/13 15:31	1
Vinyl chloride	ND		1.00		ug/L			09/17/13 15:31	1
Xylenes, Total	ND		2.00		ug/L			09/17/13 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*09/17/13 15:31*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*09/17/13 15:57*	*10*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*09/17/13 15:31*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*09/17/13 15:57*	*10*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*09/17/13 15:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 130*		*09/17/13 15:57*	*10*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/17/13 15:31*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/17/13 15:57*	*10*

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: Trion, Inc.

TestAmerica Job ID: 490-35138-1
SDG: BAI-003

Client Sample ID: Trip Blank

Lab Sample ID: 490-35138-2

Date Collected: 09/11/13 00:01
Date Received: 09/12/13 08:15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00		ug/L			09/16/13 15:16	1
Benzene	ND		1.00		ug/L			09/16/13 15:16	1
Bromobenzene	ND		1.00		ug/L			09/16/13 15:16	1
Bromochloromethane	ND		1.00		ug/L			09/16/13 15:16	1
Bromodichloromethane	ND		1.00		ug/L			09/16/13 15:16	1
Bromoform	ND		1.00		ug/L			09/16/13 15:16	1
Bromomethane	ND		1.00		ug/L			09/16/13 15:16	1
2-Butanone (MEK)	ND		50.0		ug/L			09/16/13 15:16	1
Diisopropyl ether	ND		2.00		ug/L			09/16/13 15:16	1
Carbon disulfide	ND		1.00		ug/L			09/16/13 15:16	1
Carbon tetrachloride	ND		1.00		ug/L			09/16/13 15:16	1
Chlorobenzene	ND		1.00		ug/L			09/16/13 15:16	1
Chlorodibromomethane	ND		1.00		ug/L			09/16/13 15:16	1
Chloroethane	ND		1.00		ug/L			09/16/13 15:16	1
Chloroform	ND		1.00		ug/L			09/16/13 15:16	1
Chloromethane	ND		1.00		ug/L			09/16/13 15:16	1
2-Chlorotoluene	ND		1.00		ug/L			09/16/13 15:16	1
4-Chlorotoluene	ND		1.00		ug/L			09/16/13 15:16	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			09/16/13 15:16	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			09/16/13 15:16	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			09/16/13 15:16	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			09/16/13 15:16	1
Dibromomethane	ND		1.00		ug/L			09/16/13 15:16	1
1,2-Dichlorobenzene	ND		1.00		ug/L			09/16/13 15:16	1
1,3-Dichlorobenzene	ND		1.00		ug/L			09/16/13 15:16	1
1,4-Dichlorobenzene	ND		1.00		ug/L			09/16/13 15:16	1
Dichlorodifluoromethane	ND		1.00		ug/L			09/16/13 15:16	1
1,1-Dichloroethane	ND		1.00		ug/L			09/16/13 15:16	1
1,2-Dichloroethane	ND		1.00		ug/L			09/16/13 15:16	1
1,1-Dichloroethene	ND		1.00		ug/L			09/16/13 15:16	1
1,2-Dichloroethene, Total	ND		1.00		ug/L			09/16/13 15:16	1
1,2-Dichloropropane	ND		1.00		ug/L			09/16/13 15:16	1
1,3-Dichloropropane	ND		1.00		ug/L			09/16/13 15:16	1
2,2-Dichloropropane	ND		1.00		ug/L			09/16/13 15:16	1
1,1-Dichloropropene	ND		1.00		ug/L			09/16/13 15:16	1
Ethylbenzene	ND		1.00		ug/L			09/16/13 15:16	1
Hexachlorobutadiene	ND		2.00		ug/L			09/16/13 15:16	1
2-Hexanone	ND		5.00		ug/L			09/16/13 15:16	1
Isopropylbenzene	ND		1.00		ug/L			09/16/13 15:16	1
Methylene Chloride	ND		5.00		ug/L			09/16/13 15:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.00		ug/L			09/16/13 15:16	1
Methyl tert-butyl ether	ND		1.00		ug/L			09/16/13 15:16	1
Naphthalene	ND		5.00		ug/L			09/16/13 15:16	1
n-Butylbenzene	ND		1.00		ug/L			09/16/13 15:16	1
N-Propylbenzene	ND		1.00		ug/L			09/16/13 15:16	1
p-Isopropyltoluene	ND		1.00		ug/L			09/16/13 15:16	1
sec-Butylbenzene	ND		1.00		ug/L			09/16/13 15:16	1
Styrene	ND		1.00		ug/L			09/16/13 15:16	1
tert-Butylbenzene	ND		1.00		ug/L			09/16/13 15:16	1

Client Sample Results

Client: Hart & Hickman, PC
Project/Site: Trion, Inc.

TestAmerica Job ID: 490-35138-1
SDG: BAI-003

Client Sample ID: Trip Blank

Lab Sample ID: 490-35138-2

Date Collected: 09/11/13 00:01
Matrix: Water
Date Received: 09/12/13 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			09/16/13 15:16	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			09/16/13 15:16	1
Tetrachloroethene	ND		1.00		ug/L			09/16/13 15:16	1
Toluene	ND		1.00		ug/L			09/16/13 15:16	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			09/16/13 15:16	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			09/16/13 15:16	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			09/16/13 15:16	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			09/16/13 15:16	1
1,1,1-Trichloroethane	ND		1.00		ug/L			09/16/13 15:16	1
1,1,2-Trichloroethane	ND		1.00		ug/L			09/16/13 15:16	1
Trichloroethene	ND		1.00		ug/L			09/16/13 15:16	1
Trichlorofluoromethane	ND		1.00		ug/L			09/16/13 15:16	1
1,2,3-Trichloropropane	ND		1.00		ug/L			09/16/13 15:16	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			09/16/13 15:16	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			09/16/13 15:16	1
Vinyl chloride	ND		1.00		ug/L			09/16/13 15:16	1
Xylenes, Total	ND		2.00		ug/L			09/16/13 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*09/16/13 15:16*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/16/13 15:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*		*09/16/13 15:16*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/16/13 15:16*	*1*

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

Lab Sample ID: MB 490-107333/8
Matrix: Water
Analysis Batch: 107333

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00		ug/L			09/16/13 13:07	1
Benzene	ND		1.00		ug/L			09/16/13 13:07	1
Bromobenzene	ND		1.00		ug/L			09/16/13 13:07	1
Bromochloromethane	ND		1.00		ug/L			09/16/13 13:07	1
Bromodichloromethane	ND		1.00		ug/L			09/16/13 13:07	1
Bromoform	ND		1.00		ug/L			09/16/13 13:07	1
Bromomethane	ND		1.00		ug/L			09/16/13 13:07	1
2-Butanone (MEK)	ND		50.0		ug/L			09/16/13 13:07	1
Diisopropyl ether	ND		2.00		ug/L			09/16/13 13:07	1
Carbon disulfide	ND		1.00		ug/L			09/16/13 13:07	1
Carbon tetrachloride	ND		1.00		ug/L			09/16/13 13:07	1
Chlorobenzene	ND		1.00		ug/L			09/16/13 13:07	1
Chlorodibromomethane	ND		1.00		ug/L			09/16/13 13:07	1
Chloroethane	ND		1.00		ug/L			09/16/13 13:07	1
Chloroform	ND		1.00		ug/L			09/16/13 13:07	1
Chloromethane	ND		1.00		ug/L			09/16/13 13:07	1
2-Chlorotoluene	ND		1.00		ug/L			09/16/13 13:07	1
4-Chlorotoluene	ND		1.00		ug/L			09/16/13 13:07	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			09/16/13 13:07	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			09/16/13 13:07	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			09/16/13 13:07	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			09/16/13 13:07	1
Dibromomethane	ND		1.00		ug/L			09/16/13 13:07	1
1,2-Dichlorobenzene	ND		1.00		ug/L			09/16/13 13:07	1
1,3-Dichlorobenzene	ND		1.00		ug/L			09/16/13 13:07	1
1,4-Dichlorobenzene	ND		1.00		ug/L			09/16/13 13:07	1
Dichlorodifluoromethane	ND		1.00		ug/L			09/16/13 13:07	1
1,1-Dichloroethane	ND		1.00		ug/L			09/16/13 13:07	1
1,2-Dichloroethane	ND		1.00		ug/L			09/16/13 13:07	1
1,1-Dichloroethene	ND		1.00		ug/L			09/16/13 13:07	1
1,2-Dichloroethene, Total	ND		1.00		ug/L			09/16/13 13:07	1
1,2-Dichloropropane	ND		1.00		ug/L			09/16/13 13:07	1
1,3-Dichloropropane	ND		1.00		ug/L			09/16/13 13:07	1
2,2-Dichloropropane	ND		1.00		ug/L			09/16/13 13:07	1
1,1-Dichloropropene	ND		1.00		ug/L			09/16/13 13:07	1
Ethylbenzene	ND		1.00		ug/L			09/16/13 13:07	1
Hexachlorobutadiene	ND		2.00		ug/L			09/16/13 13:07	1
2-Hexanone	ND		5.00		ug/L			09/16/13 13:07	1
Isopropylbenzene	ND		1.00		ug/L			09/16/13 13:07	1
Methylene Chloride	ND		5.00		ug/L			09/16/13 13:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.00		ug/L			09/16/13 13:07	1
Methyl tert-butyl ether	ND		1.00		ug/L			09/16/13 13:07	1
Naphthalene	ND		5.00		ug/L			09/16/13 13:07	1
n-Butylbenzene	ND		1.00		ug/L			09/16/13 13:07	1
N-Propylbenzene	ND		1.00		ug/L			09/16/13 13:07	1
p-Isopropyltoluene	ND		1.00		ug/L			09/16/13 13:07	1
sec-Butylbenzene	ND		1.00		ug/L			09/16/13 13:07	1
Styrene	ND		1.00		ug/L			09/16/13 13:07	1

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

Lab Sample ID: MB 490-107333/8
Matrix: Water
Analysis Batch: 107333

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		1.00		ug/L			09/16/13 13:07	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			09/16/13 13:07	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			09/16/13 13:07	1
Tetrachloroethene	ND		1.00		ug/L			09/16/13 13:07	1
Toluene	ND		1.00		ug/L			09/16/13 13:07	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			09/16/13 13:07	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			09/16/13 13:07	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			09/16/13 13:07	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			09/16/13 13:07	1
1,1,1-Trichloroethane	ND		1.00		ug/L			09/16/13 13:07	1
1,1,2-Trichloroethane	ND		1.00		ug/L			09/16/13 13:07	1
Trichloroethene	ND		1.00		ug/L			09/16/13 13:07	1
Trichlorofluoromethane	ND		1.00		ug/L			09/16/13 13:07	1
1,2,3-Trichloropropane	ND		1.00		ug/L			09/16/13 13:07	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			09/16/13 13:07	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			09/16/13 13:07	1
Vinyl chloride	ND		1.00		ug/L			09/16/13 13:07	1
Xylenes, Total	ND		2.00		ug/L			09/16/13 13:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*09/16/13 13:07*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*09/16/13 13:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*09/16/13 13:07*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*09/16/13 13:07*	*1*

Lab Sample ID: LCS 490-107333/4
Matrix: Water
Analysis Batch: 107333

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	256.9		ug/L		103	54 - 145
Benzene	50.0	46.49		ug/L		93	80 - 121
Bromobenzene	50.0	43.13		ug/L		86	68 - 130
Bromochloromethane	50.0	48.04		ug/L		96	78 - 129
Bromodichloromethane	50.0	46.34		ug/L		93	75 - 129
Bromoform	50.0	41.98		ug/L		84	46 - 145
Bromomethane	50.0	42.50		ug/L		85	41 - 150
2-Butanone (MEK)	250	242.6		ug/L		97	62 - 133
Diisopropyl ether	50.0	44.99		ug/L		90	61 - 142
Carbon disulfide	50.0	47.41		ug/L		95	77 - 126
Carbon tetrachloride	50.0	42.74		ug/L		85	64 - 147
Chlorobenzene	50.0	44.65		ug/L		89	80 - 120
Chlorodibromomethane	50.0	48.29		ug/L		97	69 - 133
Chloroethane	50.0	46.09		ug/L		92	72 - 120
Chloroform	50.0	41.17		ug/L		82	73 - 129
Chloromethane	50.0	40.07		ug/L		80	12 - 150
2-Chlorotoluene	50.0	43.90		ug/L		88	75 - 126
4-Chlorotoluene	50.0	44.30		ug/L		89	75 - 130

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

Lab Sample ID: LCS 490-107333/4
Matrix: Water
Analysis Batch: 107333

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	50.0	43.38		ug/L		87	76 - 125
cis-1,3-Dichloropropene	50.0	46.96		ug/L		94	74 - 140
1,2-Dibromo-3-Chloropropane	50.0	38.62		ug/L		77	54 - 125
1,2-Dibromoethane (EDB)	50.0	45.85		ug/L		92	80 - 129
Dibromomethane	50.0	47.37		ug/L		95	71 - 125
1,2-Dichlorobenzene	50.0	44.95		ug/L		90	80 - 121
1,3-Dichlorobenzene	50.0	44.11		ug/L		88	80 - 122
1,4-Dichlorobenzene	50.0	42.88		ug/L		86	80 - 120
Dichlorodifluoromethane	50.0	34.54		ug/L		69	37 - 127
1,1-Dichloroethane	50.0	44.17		ug/L		88	78 - 125
1,2-Dichloroethane	50.0	40.51		ug/L		81	77 - 121
1,1-Dichloroethene	50.0	45.04		ug/L		90	79 - 124
1,2-Dichloroethene, Total	100	87.36		ug/L		87	78 - 126
1,2-Dichloropropane	50.0	48.25		ug/L		97	75 - 120
1,3-Dichloropropane	50.0	45.10		ug/L		90	80 - 125
2,2-Dichloropropane	50.0	40.96		ug/L		82	43 - 161
1,1-Dichloropropene	50.0	43.59		ug/L		87	80 - 122
Ethylbenzene	50.0	46.22		ug/L		92	80 - 130
Hexachlorobutadiene	50.0	39.72		ug/L		79	49 - 146
2-Hexanone	250	246.5		ug/L		99	60 - 142
Isopropylbenzene	50.0	45.33		ug/L		91	80 - 141
Methylene Chloride	50.0	47.87		ug/L		96	79 - 123
4-Methyl-2-pentanone (MIBK)	250	236.0		ug/L		94	60 - 137
Methyl tert-butyl ether	50.0	46.92		ug/L		94	72 - 133
Naphthalene	50.0	36.88		ug/L		74	62 - 138
n-Butylbenzene	50.0	43.02		ug/L		86	68 - 132
N-Propylbenzene	50.0	46.42		ug/L		93	75 - 129
p-Isopropyltoluene	50.0	45.59		ug/L		91	75 - 128
sec-Butylbenzene	50.0	45.77		ug/L		92	76 - 128
Styrene	50.0	49.19		ug/L		98	80 - 127
tert-Butylbenzene	50.0	43.95		ug/L		88	76 - 126
1,1,1,2-Tetrachloroethane	50.0	44.65		ug/L		89	74 - 135
1,1,2,2-Tetrachloroethane	50.0	48.44		ug/L		97	69 - 131
Tetrachloroethene	50.0	55.06		ug/L		110	80 - 126
Toluene	50.0	44.12		ug/L		88	80 - 126
trans-1,2-Dichloroethene	50.0	43.98		ug/L		88	79 - 126
trans-1,3-Dichloropropene	50.0	46.18		ug/L		92	63 - 134
1,2,3-Trichlorobenzene	50.0	40.52		ug/L		81	62 - 133
1,2,4-Trichlorobenzene	50.0	37.02		ug/L		74	63 - 133
1,1,1-Trichloroethane	50.0	40.13		ug/L		80	78 - 135
1,1,2-Trichloroethane	50.0	46.55		ug/L		93	80 - 124
Trichloroethene	50.0	47.36		ug/L		95	80 - 123
Trichlorofluoromethane	50.0	40.99		ug/L		82	65 - 124
1,2,3-Trichloropropane	50.0	44.39		ug/L		89	70 - 131
1,2,4-Trimethylbenzene	50.0	45.24		ug/L		90	77 - 126
1,3,5-Trimethylbenzene	50.0	45.66		ug/L		91	77 - 127
Vinyl chloride	50.0	44.42		ug/L		89	68 - 120
Xylenes, Total	100	94.33		ug/L		94	80 - 132

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

Lab Sample ID: LCS 490-107333/4
Matrix: Water
Analysis Batch: 107333

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 500-62984-B-1 MS
Matrix: Water
Analysis Batch: 107333

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		250	238.0		ug/L		95	45 - 141
Benzene	ND		50.0	52.01		ug/L		104	75 - 133
Bromobenzene	ND		50.0	46.16		ug/L		92	60 - 138
Bromochloromethane	ND		50.0	50.07		ug/L		100	67 - 139
Bromodichloromethane	8.05		50.0	37.66	F	ug/L		59	70 - 140
Bromoform	ND		50.0	20.02	F	ug/L		40	42 - 147
Bromomethane	ND		50.0	42.43		ug/L		85	16 - 163
2-Butanone (MEK)	ND		250	245.2		ug/L		98	50 - 138
Diisopropyl ether	ND		50.0	46.68		ug/L		93	10 - 200
Carbon disulfide	ND		50.0	49.34		ug/L		99	48 - 152
Carbon tetrachloride	ND		50.0	6.274	F	ug/L		13	62 - 164
Chlorobenzene	ND		50.0	50.09		ug/L		100	80 - 129
Chlorodibromomethane	4.63		50.0	29.37	F	ug/L		49	66 - 140
Chloroethane	ND		50.0	52.44		ug/L		105	58 - 137
Chloroform	19.2		50.0	78.60		ug/L		119	66 - 138
Chloromethane	ND		50.0	48.10		ug/L		96	10 - 169
2-Chlorotoluene	ND		50.0	58.91		ug/L		118	67 - 138
4-Chlorotoluene	ND		50.0	61.92		ug/L		124	69 - 138
cis-1,2-Dichloroethene	ND		50.0	49.54		ug/L		99	68 - 138
cis-1,3-Dichloropropene	ND		50.0	52.45		ug/L		105	71 - 141
1,2-Dibromo-3-Chloropropane	ND		50.0	41.11		ug/L		82	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	51.72		ug/L		103	75 - 137
Dibromomethane	ND		50.0	47.65		ug/L		95	58 - 140
1,2-Dichlorobenzene	ND		50.0	50.67		ug/L		101	79 - 128
1,3-Dichlorobenzene	ND		50.0	46.82		ug/L		94	77 - 131
1,4-Dichlorobenzene	ND		50.0	54.70		ug/L		109	78 - 126
Dichlorodifluoromethane	ND		50.0	41.14		ug/L		82	40 - 127
1,1-Dichloroethane	ND		50.0	48.94		ug/L		98	71 - 139
1,2-Dichloroethane	ND		50.0	43.02		ug/L		86	64 - 136
1,1-Dichloroethene	ND		50.0	56.24		ug/L		112	70 - 142
1,2-Dichloroethene, Total	ND		100	98.92		ug/L		99	60 - 152
1,2-Dichloropropane	ND		50.0	50.00		ug/L		100	67 - 131
1,3-Dichloropropane	ND		50.0	50.31		ug/L		101	72 - 134
2,2-Dichloropropane	ND		50.0	43.94		ug/L		88	37 - 175
1,1-Dichloropropene	ND		50.0	50.40		ug/L		101	76 - 139
Ethylbenzene	ND		50.0	48.48		ug/L		97	79 - 139
Hexachlorobutadiene	ND		50.0	52.51		ug/L		105	45 - 155
2-Hexanone	ND		250	269.5		ug/L		108	50 - 150

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

Lab Sample ID: 500-62984-B-1 MS
Matrix: Water
Analysis Batch: 107333

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	ND		50.0	47.57		ug/L		95	80 - 153
Methylene Chloride	ND		50.0	51.28		ug/L		103	64 - 139
4-Methyl-2-pentanone (MIBK)	ND		250	259.9		ug/L		104	50 - 147
Methyl tert-butyl ether	ND		50.0	47.77		ug/L		96	66 - 141
Naphthalene	ND		50.0	43.69		ug/L		87	55 - 140
n-Butylbenzene	ND		50.0	56.28		ug/L		113	66 - 141
N-Propylbenzene	ND		50.0	47.38		ug/L		95	69 - 142
p-Isopropyltoluene	ND		50.0	50.84		ug/L		102	71 - 137
sec-Butylbenzene	ND		50.0	50.37		ug/L		101	73 - 138
Styrene	ND		50.0	51.34		ug/L		103	61 - 148
tert-Butylbenzene	ND		50.0	41.98		ug/L		84	70 - 138
1,1,1,2-Tetrachloroethane	ND		50.0	41.68		ug/L		83	73 - 141
1,1,2,2-Tetrachloroethane	ND		50.0	52.07		ug/L		104	56 - 143
Tetrachloroethene	ND		50.0	54.43		ug/L		109	72 - 145
Toluene	ND		50.0	52.18		ug/L		104	75 - 136
trans-1,2-Dichloroethene	ND		50.0	49.38		ug/L		99	66 - 143
trans-1,3-Dichloropropene	ND		50.0	51.52		ug/L		103	59 - 135
1,2,3-Trichlorobenzene	ND		50.0	52.63		ug/L		105	55 - 138
1,2,4-Trichlorobenzene	ND		50.0	47.45		ug/L		95	60 - 136
1,1,1-Trichloroethane	ND		50.0	44.79		ug/L		90	76 - 149
1,1,2-Trichloroethane	ND		50.0	52.05		ug/L		104	74 - 134
Trichloroethene	ND		50.0	59.17		ug/L		118	73 - 144
Trichlorofluoromethane	ND		50.0	43.37		ug/L		87	58 - 139
1,2,3-Trichloropropane	ND		50.0	48.11		ug/L		96	53 - 144
1,2,4-Trimethylbenzene	ND		50.0	52.98		ug/L		106	69 - 136
1,3,5-Trimethylbenzene	ND		50.0	49.24		ug/L		98	69 - 139
Vinyl chloride	ND		50.0	54.55		ug/L		109	56 - 129
Xylenes, Total	ND		100	93.44		ug/L		93	74 - 141

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*82*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*73*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: 500-62984-C-1 MSD
Matrix: Water
Analysis Batch: 107333

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		250	249.8		ug/L		100	45 - 141	5	21
Benzene	ND		50.0	52.95		ug/L		106	75 - 133	2	17
Bromobenzene	ND		50.0	46.83		ug/L		94	60 - 138	1	20
Bromochloromethane	ND		50.0	50.50		ug/L		101	67 - 139	1	17
Bromodichloromethane	8.05		50.0	44.54		ug/L		73	70 - 140	17	18
Bromoform	ND		50.0	23.60		ug/L		47	42 - 147	16	16
Bromomethane	ND		50.0	44.03		ug/L		88	16 - 163	4	50
2-Butanone (MEK)	ND		250	244.4		ug/L		98	50 - 138	0	19

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

Lab Sample ID: 500-62984-C-1 MSD
Matrix: Water
Analysis Batch: 107333

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diisopropyl ether	ND		50.0	46.69		ug/L		93	10 - 200	0	50
Carbon disulfide	ND		50.0	49.33		ug/L		99	48 - 152	0	21
Carbon tetrachloride	ND		50.0	13.02	F	ug/L		26	62 - 164	70	19
Chlorobenzene	ND		50.0	48.78		ug/L		98	80 - 129	3	14
Chlorodibromomethane	4.63		50.0	36.39	F	ug/L		64	66 - 140	21	15
Chloroethane	ND		50.0	51.76		ug/L		104	58 - 137	1	20
Chloroform	19.2		50.0	76.62		ug/L		115	66 - 138	3	18
Chloromethane	ND		50.0	47.88		ug/L		96	10 - 169	0	31
2-Chlorotoluene	ND		50.0	55.82		ug/L		112	67 - 138	5	17
4-Chlorotoluene	ND		50.0	53.56		ug/L		107	69 - 138	14	18
cis-1,2-Dichloroethene	ND		50.0	49.33		ug/L		99	68 - 138	0	17
cis-1,3-Dichloropropene	ND		50.0	51.90		ug/L		104	71 - 141	1	15
1,2-Dibromo-3-Chloropropane	ND		50.0	39.83		ug/L		80	52 - 126	3	24
1,2-Dibromoethane (EDB)	ND		50.0	51.42		ug/L		103	75 - 137	1	15
Dibromomethane	ND		50.0	47.68		ug/L		95	58 - 140	0	16
1,2-Dichlorobenzene	ND		50.0	48.35		ug/L		97	79 - 128	5	15
1,3-Dichlorobenzene	ND		50.0	44.96		ug/L		90	77 - 131	4	15
1,4-Dichlorobenzene	ND		50.0	50.45		ug/L		101	78 - 126	8	15
Dichlorodifluoromethane	ND		50.0	40.11		ug/L		80	40 - 127	3	18
1,1-Dichloroethane	ND		50.0	48.56		ug/L		97	71 - 139	1	17
1,2-Dichloroethane	ND		50.0	42.48		ug/L		85	64 - 136	1	17
1,1-Dichloroethene	ND		50.0	55.39		ug/L		111	70 - 142	2	17
1,2-Dichloroethene, Total	ND		100	98.70		ug/L		99	60 - 152	0	33
1,2-Dichloropropane	ND		50.0	51.31		ug/L		103	67 - 131	3	17
1,3-Dichloropropane	ND		50.0	49.70		ug/L		99	72 - 134	1	14
2,2-Dichloropropane	ND		50.0	42.43		ug/L		85	37 - 175	3	18
1,1-Dichloropropene	ND		50.0	51.51		ug/L		103	76 - 139	2	17
Ethylbenzene	ND		50.0	49.84		ug/L		100	79 - 139	3	15
Hexachlorobutadiene	ND		50.0	54.47		ug/L		109	45 - 155	4	23
2-Hexanone	ND		250	268.7		ug/L		107	50 - 150	0	15
Isopropylbenzene	ND		50.0	48.12		ug/L		96	80 - 153	1	16
Methylene Chloride	ND		50.0	51.33		ug/L		103	64 - 139	0	17
4-Methyl-2-pentanone (MIBK)	ND		250	255.6		ug/L		102	50 - 147	2	17
Methyl tert-butyl ether	ND		50.0	47.56		ug/L		95	66 - 141	0	16
Naphthalene	ND		50.0	42.33		ug/L		85	55 - 140	3	26
n-Butylbenzene	ND		50.0	47.02		ug/L		94	66 - 141	18	18
N-Propylbenzene	ND		50.0	48.51		ug/L		97	69 - 142	2	17
p-Isopropyltoluene	ND		50.0	44.90		ug/L		90	71 - 137	12	16
sec-Butylbenzene	ND		50.0	49.15		ug/L		98	73 - 138	2	16
Styrene	ND		50.0	51.68		ug/L		103	61 - 148	1	24
tert-Butylbenzene	ND		50.0	41.87		ug/L		84	70 - 138	0	16
1,1,1,2-Tetrachloroethane	ND		50.0	42.88		ug/L		86	73 - 141	3	16
1,1,2,2-Tetrachloroethane	ND		50.0	50.02		ug/L		100	56 - 143	4	20
Tetrachloroethene	ND		50.0	56.99		ug/L		114	72 - 145	5	16
Toluene	ND		50.0	51.83		ug/L		104	75 - 136	1	15
trans-1,2-Dichloroethene	ND		50.0	49.37		ug/L		99	66 - 143	0	16
trans-1,3-Dichloropropene	ND		50.0	51.67		ug/L		103	59 - 135	0	14
1,2,3-Trichlorobenzene	ND		50.0	50.15		ug/L		100	55 - 138	5	25

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

Lab Sample ID: 500-62984-C-1 MSD
Matrix: Water
Analysis Batch: 107333

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		50.0	45.47		ug/L		91	60 - 136	4	19
1,1,1-Trichloroethane	ND		50.0	46.74		ug/L		93	76 - 149	4	17
1,1,2-Trichloroethane	ND		50.0	51.71		ug/L		103	74 - 134	1	15
Trichloroethene	ND		50.0	60.25		ug/L		121	73 - 144	2	17
Trichlorofluoromethane	ND		50.0	46.96		ug/L		94	58 - 139	8	18
1,2,3-Trichloropropane	ND		50.0	47.19		ug/L		94	53 - 144	2	19
1,2,4-Trimethylbenzene	ND		50.0	47.23		ug/L		94	69 - 136	11	16
1,3,5-Trimethylbenzene	ND		50.0	47.19		ug/L		94	69 - 139	4	17
Vinyl chloride	ND		50.0	54.49		ug/L		109	56 - 129	0	17
Xylenes, Total	ND		100	97.18		ug/L		97	74 - 141	4	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*82*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*74*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 490-107580/7
Matrix: Water
Analysis Batch: 107580

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.00		ug/L			09/17/13 12:30	1
Benzene	ND		1.00		ug/L			09/17/13 12:30	1
Bromobenzene	ND		1.00		ug/L			09/17/13 12:30	1
Bromochloromethane	ND		1.00		ug/L			09/17/13 12:30	1
Bromodichloromethane	ND		1.00		ug/L			09/17/13 12:30	1
Bromoform	ND		1.00		ug/L			09/17/13 12:30	1
Bromomethane	ND		1.00		ug/L			09/17/13 12:30	1
2-Butanone (MEK)	ND		50.0		ug/L			09/17/13 12:30	1
Diisopropyl ether	ND		2.00		ug/L			09/17/13 12:30	1
Carbon disulfide	ND		1.00		ug/L			09/17/13 12:30	1
Carbon tetrachloride	ND		1.00		ug/L			09/17/13 12:30	1
Chlorobenzene	ND		1.00		ug/L			09/17/13 12:30	1
Chlorodibromomethane	ND		1.00		ug/L			09/17/13 12:30	1
Chloroethane	ND		1.00		ug/L			09/17/13 12:30	1
Chloroform	ND		1.00		ug/L			09/17/13 12:30	1
Chloromethane	ND		1.00		ug/L			09/17/13 12:30	1
2-Chlorotoluene	ND		1.00		ug/L			09/17/13 12:30	1
4-Chlorotoluene	ND		1.00		ug/L			09/17/13 12:30	1
cis-1,2-Dichloroethene	ND		1.00		ug/L			09/17/13 12:30	1
cis-1,3-Dichloropropene	ND		1.00		ug/L			09/17/13 12:30	1
1,2-Dibromo-3-Chloropropane	ND		10.0		ug/L			09/17/13 12:30	1
1,2-Dibromoethane (EDB)	ND		1.00		ug/L			09/17/13 12:30	1
Dibromomethane	ND		1.00		ug/L			09/17/13 12:30	1
1,2-Dichlorobenzene	ND		1.00		ug/L			09/17/13 12:30	1
1,3-Dichlorobenzene	ND		1.00		ug/L			09/17/13 12:30	1
1,4-Dichlorobenzene	ND		1.00		ug/L			09/17/13 12:30	1

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

Lab Sample ID: MB 490-107580/7
Matrix: Water
Analysis Batch: 107580

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.00		ug/L			09/17/13 12:30	1
1,1-Dichloroethane	ND		1.00		ug/L			09/17/13 12:30	1
1,2-Dichloroethane	ND		1.00		ug/L			09/17/13 12:30	1
1,1-Dichloroethene	ND		1.00		ug/L			09/17/13 12:30	1
1,2-Dichloroethene, Total	ND		1.00		ug/L			09/17/13 12:30	1
1,2-Dichloropropane	ND		1.00		ug/L			09/17/13 12:30	1
1,3-Dichloropropane	ND		1.00		ug/L			09/17/13 12:30	1
2,2-Dichloropropane	ND		1.00		ug/L			09/17/13 12:30	1
1,1-Dichloropropene	ND		1.00		ug/L			09/17/13 12:30	1
Ethylbenzene	ND		1.00		ug/L			09/17/13 12:30	1
Hexachlorobutadiene	ND		2.00		ug/L			09/17/13 12:30	1
2-Hexanone	ND		5.00		ug/L			09/17/13 12:30	1
Isopropylbenzene	ND		1.00		ug/L			09/17/13 12:30	1
Methylene Chloride	ND		5.00		ug/L			09/17/13 12:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.00		ug/L			09/17/13 12:30	1
Methyl tert-butyl ether	ND		1.00		ug/L			09/17/13 12:30	1
Naphthalene	ND		5.00		ug/L			09/17/13 12:30	1
n-Butylbenzene	ND		1.00		ug/L			09/17/13 12:30	1
N-Propylbenzene	ND		1.00		ug/L			09/17/13 12:30	1
p-Isopropyltoluene	ND		1.00		ug/L			09/17/13 12:30	1
sec-Butylbenzene	ND		1.00		ug/L			09/17/13 12:30	1
Styrene	ND		1.00		ug/L			09/17/13 12:30	1
tert-Butylbenzene	ND		1.00		ug/L			09/17/13 12:30	1
1,1,1,2-Tetrachloroethane	ND		1.00		ug/L			09/17/13 12:30	1
1,1,2,2-Tetrachloroethane	ND		1.00		ug/L			09/17/13 12:30	1
Tetrachloroethene	ND		1.00		ug/L			09/17/13 12:30	1
Toluene	ND		1.00		ug/L			09/17/13 12:30	1
trans-1,2-Dichloroethene	ND		1.00		ug/L			09/17/13 12:30	1
trans-1,3-Dichloropropene	ND		1.00		ug/L			09/17/13 12:30	1
1,2,3-Trichlorobenzene	ND		1.00		ug/L			09/17/13 12:30	1
1,2,4-Trichlorobenzene	ND		1.00		ug/L			09/17/13 12:30	1
1,1,1-Trichloroethane	ND		1.00		ug/L			09/17/13 12:30	1
1,1,2-Trichloroethane	ND		1.00		ug/L			09/17/13 12:30	1
Trichloroethene	ND		1.00		ug/L			09/17/13 12:30	1
Trichlorofluoromethane	ND		1.00		ug/L			09/17/13 12:30	1
1,2,3-Trichloropropane	ND		1.00		ug/L			09/17/13 12:30	1
1,2,4-Trimethylbenzene	ND		1.00		ug/L			09/17/13 12:30	1
1,3,5-Trimethylbenzene	ND		1.00		ug/L			09/17/13 12:30	1
Vinyl chloride	ND		1.00		ug/L			09/17/13 12:30	1
Xylenes, Total	ND		2.00		ug/L			09/17/13 12:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*09/17/13 12:30*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*09/17/13 12:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*09/17/13 12:30*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*09/17/13 12:30*	*1*

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

Lab Sample ID: LCS 490-107580/3
Matrix: Water
Analysis Batch: 107580

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	228.9		ug/L		92	54 - 145
Benzene	50.0	50.62		ug/L		101	80 - 121
Bromobenzene	50.0	47.21		ug/L		94	68 - 130
Bromochloromethane	50.0	50.79		ug/L		102	78 - 129
Bromodichloromethane	50.0	48.67		ug/L		97	75 - 129
Bromoform	50.0	39.50		ug/L		79	46 - 145
Bromomethane	50.0	50.98		ug/L		102	41 - 150
2-Butanone (MEK)	250	249.4		ug/L		100	62 - 133
Diisopropyl ether	50.0	46.88		ug/L		94	61 - 142
Carbon disulfide	50.0	48.51		ug/L		97	77 - 126
Carbon tetrachloride	50.0	47.41		ug/L		95	64 - 147
Chlorobenzene	50.0	47.14		ug/L		94	80 - 120
Chlorodibromomethane	50.0	47.75		ug/L		95	69 - 133
Chloroethane	50.0	51.66		ug/L		103	72 - 120
Chloroform	50.0	45.47		ug/L		91	73 - 129
Chloromethane	50.0	48.92		ug/L		98	12 - 150
2-Chlorotoluene	50.0	48.03		ug/L		96	75 - 126
4-Chlorotoluene	50.0	49.13		ug/L		98	75 - 130
cis-1,2-Dichloroethene	50.0	46.00		ug/L		92	76 - 125
cis-1,3-Dichloropropene	50.0	47.50		ug/L		95	74 - 140
1,2-Dibromo-3-Chloropropane	50.0	41.09		ug/L		82	54 - 125
1,2-Dibromoethane (EDB)	50.0	46.95		ug/L		94	80 - 129
Dibromomethane	50.0	49.12		ug/L		98	71 - 125
1,2-Dichlorobenzene	50.0	47.44		ug/L		95	80 - 121
1,3-Dichlorobenzene	50.0	46.80		ug/L		94	80 - 122
1,4-Dichlorobenzene	50.0	45.86		ug/L		92	80 - 120
Dichlorodifluoromethane	50.0	43.42		ug/L		87	37 - 127
1,1-Dichloroethane	50.0	47.32		ug/L		95	78 - 125
1,2-Dichloroethane	50.0	42.92		ug/L		86	77 - 121
1,1-Dichloroethene	50.0	48.98		ug/L		98	79 - 124
1,2-Dichloroethene, Total	100	93.09		ug/L		93	78 - 126
1,2-Dichloropropane	50.0	49.52		ug/L		99	75 - 120
1,3-Dichloropropane	50.0	44.97		ug/L		90	80 - 125
2,2-Dichloropropane	50.0	45.66		ug/L		91	43 - 161
1,1-Dichloropropene	50.0	48.70		ug/L		97	80 - 122
Ethylbenzene	50.0	50.30		ug/L		101	80 - 130
Hexachlorobutadiene	50.0	40.82		ug/L		82	49 - 146
2-Hexanone	250	248.2		ug/L		99	60 - 142
Isopropylbenzene	50.0	46.80		ug/L		94	80 - 141
Methylene Chloride	50.0	50.36		ug/L		101	79 - 123
4-Methyl-2-pentanone (MIBK)	250	233.0		ug/L		93	60 - 137
Methyl tert-butyl ether	50.0	49.30		ug/L		99	72 - 133
Naphthalene	50.0	40.06		ug/L		80	62 - 138
n-Butylbenzene	50.0	45.36		ug/L		91	68 - 132
N-Propylbenzene	50.0	51.22		ug/L		102	75 - 129
p-Isopropyltoluene	50.0	48.81		ug/L		98	75 - 128
sec-Butylbenzene	50.0	49.85		ug/L		100	76 - 128
Styrene	50.0	48.65		ug/L		97	80 - 127

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

Lab Sample ID: LCS 490-107580/3
Matrix: Water
Analysis Batch: 107580

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butylbenzene	50.0	49.26		ug/L		99	76 - 126
1,1,1,2-Tetrachloroethane	50.0	47.58		ug/L		95	74 - 135
1,1,2,2-Tetrachloroethane	50.0	50.59		ug/L		101	69 - 131
Tetrachloroethene	50.0	53.48		ug/L		107	80 - 126
Toluene	50.0	45.64		ug/L		91	80 - 126
trans-1,2-Dichloroethene	50.0	47.09		ug/L		94	79 - 126
trans-1,3-Dichloropropene	50.0	46.73		ug/L		93	63 - 134
1,2,3-Trichlorobenzene	50.0	42.04		ug/L		84	62 - 133
1,2,4-Trichlorobenzene	50.0	40.49		ug/L		81	63 - 133
1,1,1-Trichloroethane	50.0	45.79		ug/L		92	78 - 135
1,1,2-Trichloroethane	50.0	45.95		ug/L		92	80 - 124
Trichloroethene	50.0	51.42		ug/L		103	80 - 123
Trichlorofluoromethane	50.0	46.34		ug/L		93	65 - 124
1,2,3-Trichloropropane	50.0	47.76		ug/L		96	70 - 131
1,2,4-Trimethylbenzene	50.0	51.21		ug/L		102	77 - 126
1,3,5-Trimethylbenzene	50.0	51.09		ug/L		102	77 - 127
Vinyl chloride	50.0	52.35		ug/L		105	68 - 120
Xylenes, Total	100	96.54		ug/L		97	80 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 490-107580/4
Matrix: Water
Analysis Batch: 107580

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	225.6		ug/L		90	54 - 145	1	21
Benzene	50.0	49.59		ug/L		99	80 - 121	2	17
Bromobenzene	50.0	44.89		ug/L		90	68 - 130	5	20
Bromochloromethane	50.0	50.63		ug/L		101	78 - 129	0	17
Bromodichloromethane	50.0	48.15		ug/L		96	75 - 129	1	18
Bromoform	50.0	41.91		ug/L		84	46 - 145	6	16
Bromomethane	50.0	49.28		ug/L		99	41 - 150	3	50
2-Butanone (MEK)	250	248.0		ug/L		99	62 - 133	1	19
Diisopropyl ether	50.0	46.01		ug/L		92	61 - 142	2	50
Carbon disulfide	50.0	46.09		ug/L		92	77 - 126	5	21
Carbon tetrachloride	50.0	46.76		ug/L		94	64 - 147	1	19
Chlorobenzene	50.0	46.23		ug/L		92	80 - 120	2	14
Chlorodibromomethane	50.0	50.14		ug/L		100	69 - 133	5	15
Chloroethane	50.0	49.56		ug/L		99	72 - 120	4	20
Chloroform	50.0	44.49		ug/L		89	73 - 129	2	18
Chloromethane	50.0	47.19		ug/L		94	12 - 150	4	31
2-Chlorotoluene	50.0	45.45		ug/L		91	75 - 126	6	17
4-Chlorotoluene	50.0	46.11		ug/L		92	75 - 130	6	18

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

Lab Sample ID: LCSD 490-107580/4
Matrix: Water
Analysis Batch: 107580

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	50.0	45.67		ug/L		91	76 - 125	1	17
cis-1,3-Dichloropropene	50.0	49.63		ug/L		99	74 - 140	4	15
1,2-Dibromo-3-Chloropropane	50.0	39.65		ug/L		79	54 - 125	4	24
1,2-Dibromoethane (EDB)	50.0	50.36		ug/L		101	80 - 129	7	15
Dibromomethane	50.0	48.72		ug/L		97	71 - 125	1	16
1,2-Dichlorobenzene	50.0	45.67		ug/L		91	80 - 121	4	15
1,3-Dichlorobenzene	50.0	44.35		ug/L		89	80 - 122	5	15
1,4-Dichlorobenzene	50.0	43.94		ug/L		88	80 - 120	4	15
Dichlorodifluoromethane	50.0	41.87		ug/L		84	37 - 127	4	18
1,1-Dichloroethane	50.0	45.97		ug/L		92	78 - 125	3	17
1,2-Dichloroethane	50.0	43.11		ug/L		86	77 - 121	0	17
1,1-Dichloroethene	50.0	46.91		ug/L		94	79 - 124	4	17
1,2-Dichloroethene, Total	100	90.86		ug/L		91	78 - 126	2	33
1,2-Dichloropropane	50.0	48.68		ug/L		97	75 - 120	2	17
1,3-Dichloropropane	50.0	46.79		ug/L		94	80 - 125	4	14
2,2-Dichloropropane	50.0	43.81		ug/L		88	43 - 161	4	18
1,1-Dichloropropene	50.0	47.99		ug/L		96	80 - 122	1	17
Ethylbenzene	50.0	48.89		ug/L		98	80 - 130	3	15
Hexachlorobutadiene	50.0	39.40		ug/L		79	49 - 146	4	23
2-Hexanone	250	263.5		ug/L		105	60 - 142	6	15
Isopropylbenzene	50.0	48.54		ug/L		97	80 - 141	4	16
Methylene Chloride	50.0	49.66		ug/L		99	79 - 123	1	17
4-Methyl-2-pentanone (MIBK)	250	250.6		ug/L		100	60 - 137	7	17
Methyl tert-butyl ether	50.0	48.12		ug/L		96	72 - 133	2	16
Naphthalene	50.0	39.21		ug/L		78	62 - 138	2	26
n-Butylbenzene	50.0	43.00		ug/L		86	68 - 132	5	18
N-Propylbenzene	50.0	48.78		ug/L		98	75 - 129	5	17
p-Isopropyltoluene	50.0	46.18		ug/L		92	75 - 128	6	16
sec-Butylbenzene	50.0	46.27		ug/L		93	76 - 128	7	16
Styrene	50.0	50.25		ug/L		101	80 - 127	3	24
tert-Butylbenzene	50.0	45.05		ug/L		90	76 - 126	9	16
1,1,1,2-Tetrachloroethane	50.0	46.78		ug/L		94	74 - 135	2	16
1,1,2,2-Tetrachloroethane	50.0	48.95		ug/L		98	69 - 131	3	20
Tetrachloroethene	50.0	62.27		ug/L		125	80 - 126	15	16
Toluene	50.0	48.46		ug/L		97	80 - 126	6	15
trans-1,2-Dichloroethene	50.0	45.19		ug/L		90	79 - 126	4	16
trans-1,3-Dichloropropene	50.0	49.66		ug/L		99	63 - 134	6	14
1,2,3-Trichlorobenzene	50.0	41.40		ug/L		83	62 - 133	2	25
1,2,4-Trichlorobenzene	50.0	38.72		ug/L		77	63 - 133	4	19
1,1,1-Trichloroethane	50.0	44.71		ug/L		89	78 - 135	2	17
1,1,2-Trichloroethane	50.0	48.71		ug/L		97	80 - 124	6	15
Trichloroethene	50.0	49.36		ug/L		99	80 - 123	4	17
Trichlorofluoromethane	50.0	44.26		ug/L		89	65 - 124	5	18
1,2,3-Trichloropropane	50.0	46.71		ug/L		93	70 - 131	2	19
1,2,4-Trimethylbenzene	50.0	47.87		ug/L		96	77 - 126	7	16
1,3,5-Trimethylbenzene	50.0	47.84		ug/L		96	77 - 127	7	17
Vinyl chloride	50.0	50.79		ug/L		102	68 - 120	3	17
Xylenes, Total	100	98.22		ug/L		98	80 - 132	2	15

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

Lab Sample ID: LCSD 490-107580/4
Matrix: Water
Analysis Batch: 107580

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

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 490-35057-C-2 MS
Matrix: Water
Analysis Batch: 107580

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		250	238.0		ug/L		95	45 - 141
Benzene	ND		50.0	52.52		ug/L		104	75 - 133
Bromobenzene	ND		50.0	47.14		ug/L		94	60 - 138
Bromochloromethane	ND		50.0	49.27		ug/L		99	67 - 139
Bromodichloromethane	ND		50.0	50.84		ug/L		102	70 - 140
Bromoform	ND		50.0	40.46		ug/L		81	42 - 147
Bromomethane	ND		50.0	40.55		ug/L		81	16 - 163
2-Butanone (MEK)	ND		250	235.1		ug/L		94	50 - 138
Diisopropyl ether	ND		50.0	46.89		ug/L		94	10 - 200
Carbon disulfide	ND		50.0	46.96		ug/L		94	48 - 152
Carbon tetrachloride	ND		50.0	50.13		ug/L		100	62 - 164
Chlorobenzene	ND		50.0	47.96		ug/L		96	80 - 129
Chlorodibromomethane	ND		50.0	50.22		ug/L		100	66 - 140
Chloroethane	ND		50.0	53.13		ug/L		106	58 - 137
Chloroform	ND		50.0	46.69		ug/L		93	66 - 138
Chloromethane	ND		50.0	46.40		ug/L		93	10 - 169
2-Chlorotoluene	ND		50.0	48.93		ug/L		98	67 - 138
4-Chlorotoluene	ND		50.0	50.00		ug/L		100	69 - 138
cis-1,2-Dichloroethene	ND		50.0	47.08		ug/L		94	68 - 138
cis-1,3-Dichloropropene	ND		50.0	50.82		ug/L		102	71 - 141
1,2-Dibromo-3-Chloropropane	ND		50.0	39.63		ug/L		79	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	50.53		ug/L		101	75 - 137
Dibromomethane	ND		50.0	47.64		ug/L		95	58 - 140
1,2-Dichlorobenzene	ND		50.0	46.63		ug/L		93	79 - 128
1,3-Dichlorobenzene	ND		50.0	46.78		ug/L		94	77 - 131
1,4-Dichlorobenzene	ND		50.0	45.76		ug/L		92	78 - 126
Dichlorodifluoromethane	ND		50.0	41.28		ug/L		83	40 - 127
1,1-Dichloroethane	ND		50.0	47.97		ug/L		96	71 - 139
1,2-Dichloroethane	ND		50.0	42.11		ug/L		84	64 - 136
1,1-Dichloroethene	ND		50.0	52.29		ug/L		105	70 - 142
1,2-Dichloroethene, Total	ND		100	96.27		ug/L		96	60 - 152
1,2-Dichloropropane	ND		50.0	50.32		ug/L		101	67 - 131
1,3-Dichloropropane	ND		50.0	48.08		ug/L		96	72 - 134
2,2-Dichloropropane	ND		50.0	45.32		ug/L		91	37 - 175
1,1-Dichloropropene	ND		50.0	51.22		ug/L		102	76 - 139
Ethylbenzene	ND		50.0	52.92		ug/L		104	79 - 139
Hexachlorobutadiene	ND		50.0	37.48		ug/L		75	45 - 155
2-Hexanone	ND		250	270.7		ug/L		108	50 - 150

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

Lab Sample ID: 490-35057-C-2 MS
Matrix: Water
Analysis Batch: 107580

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	1.72		50.0	53.54		ug/L		104	80 - 153
Methylene Chloride	ND		50.0	50.83		ug/L		102	64 - 139
4-Methyl-2-pentanone (MIBK)	ND		250	252.3		ug/L		101	50 - 147
Methyl tert-butyl ether	4.45		50.0	52.11		ug/L		95	66 - 141
Naphthalene	ND		50.0	37.33		ug/L		72	55 - 140
n-Butylbenzene	1.47		50.0	47.96		ug/L		93	66 - 141
N-Propylbenzene	4.20		50.0	58.09		ug/L		108	69 - 142
p-Isopropyltoluene	ND		50.0	49.88		ug/L		100	71 - 137
sec-Butylbenzene	1.43		50.0	52.40		ug/L		102	73 - 138
Styrene	ND		50.0	51.40		ug/L		103	61 - 148
tert-Butylbenzene	ND		50.0	51.51		ug/L		103	70 - 138
1,1,1,2-Tetrachloroethane	ND		50.0	47.44		ug/L		95	73 - 141
1,1,2,2-Tetrachloroethane	ND		50.0	49.94		ug/L		100	56 - 143
Tetrachloroethene	ND		50.0	52.67		ug/L		105	72 - 145
Toluene	ND		50.0	51.82		ug/L		104	75 - 136
trans-1,2-Dichloroethene	ND		50.0	49.19		ug/L		98	66 - 143
trans-1,3-Dichloropropene	ND		50.0	50.32		ug/L		101	59 - 135
1,2,3-Trichlorobenzene	ND		50.0	36.01		ug/L		72	55 - 138
1,2,4-Trichlorobenzene	ND		50.0	36.57		ug/L		73	60 - 136
1,1,1-Trichloroethane	ND		50.0	46.84		ug/L		94	76 - 149
1,1,2-Trichloroethane	ND		50.0	51.38		ug/L		103	74 - 134
Trichloroethene	ND		50.0	54.26		ug/L		109	73 - 144
Trichlorofluoromethane	ND		50.0	49.74		ug/L		99	58 - 139
1,2,3-Trichloropropane	ND		50.0	46.02		ug/L		92	53 - 144
1,2,4-Trimethylbenzene	4.72		50.0	56.11		ug/L		103	69 - 136
1,3,5-Trimethylbenzene	1.37		50.0	53.82		ug/L		105	69 - 139
Vinyl chloride	ND		50.0	53.86		ug/L		108	56 - 129
Xylenes, Total	ND		100	101.6		ug/L		102	74 - 141

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*79*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 490-35057-C-2 MSD
Matrix: Water
Analysis Batch: 107580

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		250	219.0		ug/L		88	45 - 141	8	21
Benzene	ND		50.0	40.17	F	ug/L		80	75 - 133	27	17
Bromobenzene	ND		50.0	36.10	F	ug/L		72	60 - 138	27	20
Bromochloromethane	ND		50.0	43.40		ug/L		87	67 - 139	13	17
Bromodichloromethane	ND		50.0	42.13	F	ug/L		84	70 - 140	19	18
Bromoform	ND		50.0	35.85		ug/L		72	42 - 147	12	16
Bromomethane	ND		50.0	34.97		ug/L		70	16 - 163	15	50
2-Butanone (MEK)	ND		250	234.3		ug/L		94	50 - 138	0	19

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

Lab Sample ID: 490-35057-C-2 MSD
Matrix: Water
Analysis Batch: 107580

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diisopropyl ether	ND		50.0	38.40		ug/L		77	10 - 200	20	50
Carbon disulfide	ND		50.0	38.58		ug/L		77	48 - 152	20	21
Carbon tetrachloride	ND		50.0	38.75	F	ug/L		78	62 - 164	26	19
Chlorobenzene	ND		50.0	37.07	F	ug/L		74	80 - 129	26	14
Chlorodibromomethane	ND		50.0	40.62	F	ug/L		81	66 - 140	21	15
Chloroethane	ND		50.0	40.38	F	ug/L		81	58 - 137	27	20
Chloroform	ND		50.0	36.88	F	ug/L		74	66 - 138	23	18
Chloromethane	ND		50.0	34.92		ug/L		70	10 - 169	28	31
2-Chlorotoluene	ND		50.0	36.72	F	ug/L		73	67 - 138	29	17
4-Chlorotoluene	ND		50.0	37.11	F	ug/L		74	69 - 138	30	18
cis-1,2-Dichloroethene	ND		50.0	37.10	F	ug/L		74	68 - 138	24	17
cis-1,3-Dichloropropene	ND		50.0	38.40	F	ug/L		77	71 - 141	28	15
1,2-Dibromo-3-Chloropropane	ND		50.0	36.41		ug/L		73	52 - 126	8	24
1,2-Dibromoethane (EDB)	ND		50.0	42.01	F	ug/L		84	75 - 137	18	15
Dibromomethane	ND		50.0	43.08		ug/L		86	58 - 140	10	16
1,2-Dichlorobenzene	ND		50.0	35.77	F	ug/L		72	79 - 128	26	15
1,3-Dichlorobenzene	ND		50.0	35.23	F	ug/L		70	77 - 131	28	15
1,4-Dichlorobenzene	ND		50.0	33.99	F	ug/L		68	78 - 126	30	15
Dichlorodifluoromethane	ND		50.0	31.29	F	ug/L		63	40 - 127	28	18
1,1-Dichloroethane	ND		50.0	37.09	F	ug/L		74	71 - 139	26	17
1,2-Dichloroethane	ND		50.0	35.62		ug/L		71	64 - 136	17	17
1,1-Dichloroethene	ND		50.0	39.32	F	ug/L		79	70 - 142	28	17
1,2-Dichloroethene, Total	ND		100	74.35		ug/L		74	60 - 152	26	33
1,2-Dichloropropane	ND		50.0	40.36	F	ug/L		81	67 - 131	22	17
1,3-Dichloropropane	ND		50.0	38.94	F	ug/L		78	72 - 134	21	14
2,2-Dichloropropane	ND		50.0	35.01	F	ug/L		70	37 - 175	26	18
1,1-Dichloropropene	ND		50.0	39.46	F	ug/L		79	76 - 139	26	17
Ethylbenzene	ND		50.0	40.43	F	ug/L		79	79 - 139	27	15
Hexachlorobutadiene	ND		50.0	31.59		ug/L		63	45 - 155	17	23
2-Hexanone	ND		250	236.4		ug/L		95	50 - 150	14	15
Isopropylbenzene	1.72		50.0	41.06	F	ug/L		79	80 - 153	26	16
Methylene Chloride	ND		50.0	40.94	F	ug/L		82	64 - 139	22	17
4-Methyl-2-pentanone (MIBK)	ND		250	224.0		ug/L		90	50 - 147	12	17
Methyl tert-butyl ether	4.45		50.0	47.21		ug/L		86	66 - 141	10	16
Naphthalene	ND		50.0	32.32		ug/L		62	55 - 140	14	26
n-Butylbenzene	1.47		50.0	39.82	F	ug/L		77	66 - 141	19	18
N-Propylbenzene	4.20		50.0	44.70	F	ug/L		81	69 - 142	26	17
p-Isopropyltoluene	ND		50.0	40.83	F	ug/L		82	71 - 137	20	16
sec-Butylbenzene	1.43		50.0	43.72	F	ug/L		85	73 - 138	18	16
Styrene	ND		50.0	40.67		ug/L		81	61 - 148	23	24
tert-Butylbenzene	ND		50.0	40.42	F	ug/L		81	70 - 138	24	16
1,1,1,2-Tetrachloroethane	ND		50.0	36.67	F	ug/L		73	73 - 141	26	16
1,1,2,2-Tetrachloroethane	ND		50.0	44.93		ug/L		90	56 - 143	11	20
Tetrachloroethene	ND		50.0	38.47	F	ug/L		77	72 - 145	31	16
Toluene	ND		50.0	36.43	F	ug/L		73	75 - 136	35	15
trans-1,2-Dichloroethene	ND		50.0	37.25	F	ug/L		74	66 - 143	28	16
trans-1,3-Dichloropropene	ND		50.0	39.79	F	ug/L		80	59 - 135	23	14
1,2,3-Trichlorobenzene	ND		50.0	32.95		ug/L		66	55 - 138	9	25

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

Lab Sample ID: 490-35057-C-2 MSD
Matrix: Water
Analysis Batch: 107580

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		50.0	29.80	F	ug/L		60	60 - 136	20	19
1,1,1-Trichloroethane	ND		50.0	36.49	F	ug/L		73	76 - 149	25	17
1,1,2-Trichloroethane	ND		50.0	42.16	F	ug/L		84	74 - 134	20	15
Trichloroethene	ND		50.0	40.32	F	ug/L		81	73 - 144	29	17
Trichlorofluoromethane	ND		50.0	37.57	F	ug/L		75	58 - 139	28	18
1,2,3-Trichloropropane	ND		50.0	42.39		ug/L		85	53 - 144	8	19
1,2,4-Trimethylbenzene	4.72		50.0	42.26	F	ug/L		75	69 - 136	28	16
1,3,5-Trimethylbenzene	1.37		50.0	40.64	F	ug/L		79	69 - 139	28	17
Vinyl chloride	ND		50.0	40.63	F	ug/L		81	56 - 129	28	17
Xylenes, Total	ND		100	80.54	F	ug/L		81	74 - 141	23	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*
Toluene-d8 (Surr)	*92*		*70 - 130*

QC Association Summary

Client: Hart & Hickman, PC
Project/Site: Trion, Inc.

TestAmerica Job ID: 490-35138-1
SDG: BAI-003

GC/MS VOA

Analysis Batch: 107333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-35138-2	Trip Blank	Total/NA	Water	8260B	
500-62984-B-1 MS	Matrix Spike	Total/NA	Water	8260B	
500-62984-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 490-107333/4	Lab Control Sample	Total/NA	Water	8260B	
MB 490-107333/8	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 107580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-35057-C-2 MS	Matrix Spike	Total/NA	Water	8260B	
490-35057-C-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
490-35138-1	DMW-1	Total/NA	Water	8260B	
490-35138-1	DMW-1	Total/NA	Water	8260B	
LCS 490-107580/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-107580/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-107580/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: Hart & Hickman, PC
Project/Site: Trion, Inc.

TestAmerica Job ID: 490-35138-1
SDG: BAI-003

Client Sample ID: DMW-1

Lab Sample ID: 490-35138-1

Date Collected: 09/11/13 11:20

Matrix: Water

Date Received: 09/12/13 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	107580	09/17/13 15:31	EML	TAL NSH
Total/NA	Analysis	8260B		10	107580	09/17/13 15:57	EML	TAL NSH

Client Sample ID: Trip Blank

Lab Sample ID: 490-35138-2

Date Collected: 09/11/13 00:01

Matrix: Water

Date Received: 09/12/13 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	107333	09/16/13 15:16	EML	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Hart & Hickman, PC
Project/Site: Trion, Inc.

TestAmerica Job ID: 490-35138-1
SDG: BAI-003

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH

Protocol References:

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

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Hart & Hickman, PC
Project/Site: Trion, Inc.

TestAmerica Job ID: 490-35138-1
SDG: BAI-003

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	ISO/IEC 17025		0453.07	12-31-13
Alaska (UST)	State Program	10	UST-087	07-24-14
Arizona	State Program	9	AZ0473	05-05-14
Arizona	State Program	9	AZ0473	05-05-14 *
Arkansas DEQ	State Program	6	88-0737	04-25-14
California	NELAP	9	1168CA	10-31-13
Canadian Assoc Lab Accred (CALA)	Canada		3744	03-08-14
Connecticut	State Program	1	PH-0220	12-31-13
Florida	NELAP	4	E87358	06-30-14
Illinois	NELAP	5	200010	12-09-13
Iowa	State Program	7	131	05-01-14
Kansas	NELAP	7	E-10229	10-31-13
Kentucky (UST)	State Program	4	19	06-30-14
Louisiana	NELAP	6	30613	06-30-14
Maryland	State Program	3	316	03-31-14
Massachusetts	State Program	1	M-TN032	06-30-14
Minnesota	NELAP	5	047-999-345	12-31-13
Mississippi	State Program	4	N/A	06-30-14
Montana (UST)	State Program	8	NA	01-01-15
Nevada	State Program	9	TN00032	07-31-14
New Hampshire	NELAP	1	2963	10-10-13
New Jersey	NELAP	2	TN965	06-30-14
New York	NELAP	2	11342	04-01-14
North Carolina DENR	State Program	4	387	12-31-13
North Dakota	State Program	8	R-146	06-30-14
Ohio VAP	State Program	5	CL0033	01-19-14
Oklahoma	State Program	6	9412	08-31-14
Oregon	NELAP	10	TN200001	04-29-14
Pennsylvania	NELAP	3	68-00585	06-30-14
Rhode Island	State Program	1	LAO00268	12-30-13
South Carolina	State Program	4	84009 (001)	02-28-14
Tennessee	State Program	4	2008	02-23-14
Texas	NELAP	6	T104704077-09-TX	08-31-14
USDA	Federal		S-48469	11-02-13
Utah	NELAP	8	TN00032	07-31-14
Virginia	NELAP	3	460152	06-14-14
Washington	State Program	10	C789	07-19-14
West Virginia DEP	State Program	3	219	02-28-14
Wisconsin	State Program	5	998020430	08-31-14
Wyoming (UST)	A2LA	8	453.07	12-31-13

* Expired certification is currently pending renewal and is considered valid.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-35138 Chain of Custody

Cooler Received/Opened On 9/12/2013 @ 0815

1. Tracking # 2104 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 18290455

2. Temperature of rep. sample or temp blank when opened: 0.6 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) ECA

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) AJH

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) AJH

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) AJH

I certify that I attached a label with the unique LIMS number to each container (intial) AJH

21. Were there Non-Conformance issues at login? YES...NO Was a NCM generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 11/28/12

Login Sample Receipt Checklist

Client: Hart & Hickman, PC

Job Number: 490-35138-1
SDG Number: BAI-003

Login Number: 35138
List Number: 1
Creator: Huskey, Adam

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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.	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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Nashville, TN
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: Hart & Hickman	Client Project Manager: Leo Moretz	Site Contact:	Lab Contact:
Address: 3334 Hillsborough Street	Telephone: 919-847-4241	Telephone:	Telephone:
City/State/Zip: Raleigh, NC 27607	Email: lmoretz@harthickman.com		
Phone: 919-847-4241			
Project Name: Triba, Inc.	Method of Shipment/Carrier: FedEx		
Project Number: BAI-003	Shipping/Tracking No:		
PO# BAI-003			

COC No: 59273
1 of 1 COCs

Analysis Turnaround Time (in BUS days)
TAT if different from below Std.
☐ 3 weeks
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

For lab use only
Walk-in client ☐
Lab pickup ☐
Lab sampling ☐
Job/SDG No.:

Analyses: VOCs by 8260

Loc: 490
35138

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y / N)	Composite=C / Grab=G	VOCs by 8260	Sample Specific Notes / Special Instructions:
DMW-1	9/11/13	1120		X						X							X	
Trip Blank	–	–		X													X	

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

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

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	H+H	9/11/13	[signature]	TAN 0.4	9/12/13 8:15
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TAL 0018- 1 (04/10)

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APPENDIX E
MONITORING WELL PERMITS

NCDENR

North Carolina Department of Environment and Natural Resources

Division of Water Quality

Beverly Eaves Perdue
Governor

Coleen H. Sullins
Director

Dee Freeman
Secretary

February 18, 2011

RECEIVED
FEB 23 2011
By

Kent Hansen
Trion, Inc. c/o Barrier Advisors, Inc.
Two Gallery Tower
13455 Noel Road, Suite 2200
Dallas, TX 75240

Subject: Monitoring Well Construction
Permit # WM0500791
Trion MWN
101 McNeill Road
Sanford, NC-Lee County

Dear Mr. Hansen;

In accordance with the application received February 11, 2011, and the additional requested information received on February 17, 2011, we are forwarding herewith Monitoring Well Construction Permit No. WM0500791 dated February 18, 2011, issued for the construction of a monitor well system (initial installation of five wells) on a the subject property (109 McNeill Road). **Please be aware that some counties have well construction programs, and you may be required to obtain a well construction permit before installation.**

This Permit will be effective from the date of its issuance and shall be subject to the conditions and limitations as specified therein. Please note the addition of stipulation #3 to the permit enclosed.

Sincerely,

for

S. Jay Zimmerman, L.G.
Environmental Regional Supervisor

Enclosure

cc: RRO Files
Lee County Health Department
Leonard Moretz, Hart and Hickman, 3334 Hillsborough St., Raleigh, NC 27607

Aquifer Protection Section
1628 Mail Service Center, Raleigh, North Carolina 27699-1628
Location: 3800 Barrett Dr., Raleigh, North Carolina 27609
Phone: 919-791-4200 \ FAX: 919-571-4718 \ Customer Service 1-877-623-6748
Internet: www.ncwaterquality.org

An Equal Opportunity Affirmative Action Employer

FILE COPY

One NorthCarolina Naturally

NORTH CAROLINA
ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
RALEIGH, NORTH CAROLINA
PERMIT FOR THE CONSTRUCTION OF A WELL

In accordance with the provisions of Article 7, Chapter 87, North Carolina General Statutes, and other applicable Laws, Rules and Regulations.

PERMISSION IS HEREBY GRANTED TO

Trion, Inc. c/o Barrier Advisors, Inc.

FOR THE CONSTRUCTION OF A MONITOR WELL SYSTEM (initial installation of five wells) for the Trion MWN on the property owned by Investment Recovery Systems, Inc. located at 109 McNeill Road in Sanford, North Carolina-Lee County. This permit is issued in accordance with the application received on February 11, 2011, and the additional requested information received on February 17, 2011, and in conformity with specifications and supporting data, all of which are filed with the Department of Environment and Natural Resources and are considered a part of this permit.

This Permit is for **well construction only** and does not waive any provision or requirement of any other applicable law or regulation. Construction of a well under this permit shall be in compliance with the North Carolina Well Construction Regulations and Standards (15A NCAC 2C .0100), other State and Local laws and regulations pertaining to monitoring well construction.

This permit will be effective from the date of its issuance until February 18, 2012, and shall be subject to other specified conditions, limitations, or exceptions as follows:

1. Issuance of this permit does not obligate reimbursement from State trust funds, if these wells are being installed as part of an investigation for contamination from an underground storage tank or drycleaner incident.

2. Issuance of this permit does not supersede any other agreement, permit, or requirement issued by another agency.

3. In the event that additional monitor wells are to be constructed on the subject property, this permit shall be valid for said well construction upon receipt of the following documentation:

   a) Proof of notification to the appropriate property owner(s) stating intention to construct additional wells, the number of wells to be constructed, and signatures by the property owner(s) and subject applicant(s) or their agent(s).

   b) Revised site map with information as required by the original well construction application. Please send a separate map for each permit within which you wish to amend well locations.

   c) Well construction diagram for additional wells with information as required by the original well construction application.

Permit issued this the 18th of February 2011

FOR THE NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

Lori Slack for

S. Jay Zimmerman, L.G. - Environmental Regional Supervisor
Division of Water Quality

By Authority of the Environmental Management Commission
Permit No. # WM0500791

NCDENR
North Carolina Department of Environment and Natural Resources
Division of Water Quality
Beverly Eaves Perdue
Governor
Charles Wakild, P. E.
Director
Dee Freeman
Secretary

April 19, 2012

Kent Hansen
Trion, Inc., c/o Barrier Advisors, Inc.
2515 McKinney Avenue, Suite 1700
Dallas, TX 75201

Subject: Monitoring Well Construction
Permit # WM0500878
Trion MWN
101 McNeill Road
Sanford, NC- Lee County

Dear Mr. Hansen;

In accordance with the application received April 16, 2012, and the additional requested information received on April 18, 2012, we are forwarding herewith Monitoring Well Construction Permit No. WM0500878 dated April 19, 2012, issued for the construction of a monitor well system (installation of three wells) at the subject property (109 McNeill Road). **Please be aware that some counties have well construction programs, and you may be required to obtain a well construction permit before installation.**

This Permit will be effective from the date of its issuance and shall be subject to the conditions and limitations as specified therein. Please note the addition of stipulation #3 to the permit enclosed.

Sincerely,

S. Jay Zimmerman, L.G.
Environmental Regional Supervisor

Enclosure

cc: RRO Files
Lee County Health Department
Lenonard Moretz, Hart and Hickman, 3334 Hillsborough Street,
Raleigh, NC 27607

1628 Mail Service Center, Raleigh, North Carolina 27699-1628
Location: 3800 Barrett Dr., Raleigh, North Carolina 27609
Phone: 919-791-4200 \ FAX: 919-571-4718 \ Customer Service: 1-877-623-6748
Internet: www.ncwaterquality.org

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APPENDIX F
MONITORING WELL CONSTRUCTION RECORDS

#8390

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2284

1. WELL CONTRACTOR:

Steve Poloniewicz
Well Contractor (Individual) Name

SAEDACCO Inc
Well Contractor Company Name

STREET ADDRESS 9088 North Field DR

Fort mill | SC | 29707
City or Town | State | Zip Code

( )- (803) 548-2180
Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) MW-13

STATE WELL PERMIT#(if applicable)

DWQ or OTHER PERMIT #(if applicable)

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐ Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐ Irrigation ☐ Other ☐ (list use)

DATE DRILLED 2-21-2011

TIME COMPLETED 3:00PM AM ☐ PM ☒

3. WELL LOCATION:

CITY: Sanford COUNTY Lee County

101 McNeill Road 27330
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:
☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other
(check appropriate box)

LATITUDE 35'51303

LONGITUDE 79'21362

May be in degrees, minutes, seconds or in a decimal format

Latitude/longitude source: ☒ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY- Is the name of the business where the well is located.

FACILITY ID #(if applicable)

NAME OF FACILITY Trion INC

STREET ADDRESS same as #3

City or Town | State | Zip Code

CONTACT PERSON Tim Klotz

MAILING ADDRESS Hart & Hickman 2923 South Tryon
Charlotte | NC | 28203
City or Town | State | Zip Code

( )- 704 586-0007
Area code - Phone number

5. WELL DETAILS:

a. **TOTAL DEPTH:** 50'

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☒

c. **WATER LEVEL** Below Top of Casing: FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** **METHOD OF TEST**

f. **DISINFECTION: Type** **Amount**

g. **WATER ZONES** (depth):

From To From To
From To From To
From To From To

6. CASING:

Depth		Diameter	Thickness/ Weight	Material
From 0.6	To 35'	Ft. 2'	sch 40	pvc
From	To	Ft.		
From	To	Ft.		

7. GROUT:

Depth		Material	Method
From 1'	To 29'	Ft. portland cement	trimmie
From 29'	To 32'	Ft. bentonite chips	
From	To	Ft.	

8. SCREEN:

Depth		Diameter	Slot Size	Material
From 35'	To 50'	Ft. 2' in.	.010 in.	pvc
From	To	Ft. in.	in.	
From	To	Ft. in.	in.	

9. SAND/GRAVEL PACK:

Depth		Size	Material
From 32'	To 50'	Ft. #2	silica sand
From	To	Ft.	
From	To	Ft.	

10. DRILLING LOG

From	To	Formation Description
1'	30'	tan clay
30'	50'	tan clay to pwr
	50'	

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Steve Poloniewicz 21-2011
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

steve poloniewicz
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

#8390

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2284

1. WELL CONTRACTOR:
Steve Poloniewicz
Well Contractor (Individual) Name
SAEDACCO Inc
Well Contractor Company Name
STREET ADDRESS 9088 North Field DR
Fort mill | SC | 29707
City or Town | State | Zip Code
( )- (803) 548-2180
Area code- Phone number

2. WELL INFORMATION:
SITE WELL ID #(if applicable) MW-14
STATE WELL PERMIT#(if applicable)
DWQ or OTHER PERMIT #(if applicable)
WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation☐ Other ☐ (list use)
DATE DRILLED 2-22-2011
TIME COMPLETED 1:00PM AM ☐ PM ☒

3. WELL LOCATION:
CITY: Sanford COUNTY Lee County
101 McNeill Road 27330
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other
(check appropriate box)
LATITUDE 35'51303
LONGITUDE 79'21362
May be in degrees, minutes, seconds or in a decimal format
Latitude/longitude source: ☒ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY- is the name of the business where the well is located.
FACILITY ID #(if applicable)
NAME OF FACILITY Trion INC
STREET ADDRESS same as #3
City or Town | State | Zip Code
CONTACT PERSON Tim Klotz
MAILING ADDRESS Hart & Hickman 2923 South Tryon
Charlotte | NC | 28203
City or Town | State | Zip Code
( )- 704 586-0007
Area code - Phone number

5. WELL DETAILS:
a. **TOTAL DEPTH:** 55'
b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☒
c. **WATER LEVEL** Below Top of Casing: FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. **YIELD (gpm):** **METHOD OF TEST**
f. **DISINFECTION: Type** **Amount**
g. **WATER ZONES** (depth):
From To From To
From To From To
From To From To

6. CASING:

	Depth		Diameter	Thickness/ Weight	Material
From 0.6	To 40'	Ft.	2'	sch 40	pvc
From	To	Ft.			
From	To	Ft.			

7. GROUT:

	Depth		Material	Method
From 1'	To 32'	Ft.	portland cement	trimmie
From 32'	To 35'	Ft.	bentonite chips	
From	To	Ft.		

8. SCREEN:

	Depth		Diameter	Slot Size	Material
From 40'	To 55'	Ft.	2' in.	.010 in.	pvc
From	To	Ft.	in.	in.	
From	To	Ft.	in.	in.	

9. SAND/GRAVEL PACK:

	Depth		Size	Material
From 35'	To 55'	Ft.	#2	silica sand
From	To	Ft.		
From	To	Ft.		

10. DRILLING LOG

From	To	Formation Description
1'	30'	tan clay
30'	55'	tan clay to pwr
	55'	

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Steve Poloniewicz 21-2011
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

steve poloniewicz
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2284

1. WELL CONTRACTOR:
Steve Poloniewicz
Well Contractor (Individual) Name
SAEDACCO Inc
Well Contractor Company Name
STREET ADDRESS 9088 North Field DR
Fort mill | SC | 29707
City or Town | State | Zip Code
( )- (803) 548-2180
Area code- Phone number

2. WELL INFORMATION:
SITE WELL ID #(if applicable) MW-15
STATE WELL PERMIT#(if applicable)
DWQ or OTHER PERMIT #(if applicable)
WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)
DATE DRILLED 2-21-2011 ,2-22-2011
TIME COMPLETED 10:00am AM ☒ PM ☐

3. WELL LOCATION:
CITY: Sanford COUNTY Lee County
101 McNeill Road 27330
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other
(check appropriate box)
LATITUDE 35'51303
LONGITUDE 79'21362
May be in degrees, minutes, seconds or in a decimal format
Latitude/longitude source: ☒ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY- is the name of the business where the well is located.
FACILITY ID #(if applicable)
NAME OF FACILITY Trion INC
STREET ADDRESS same as #3
City or Town | State | Zip Code
CONTACT PERSON Tim Klotz
MAILING ADDRESS Hart & Hickman 2923 South Tryon
Charlotte | NC | 28203
City or Town | State | Zip Code
( )- 704 586-0007
Area code - Phone number

5. WELL DETAILS:
a. **TOTAL DEPTH:** 50'
b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☒
c. **WATER LEVEL** Below Top of Casing: FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. **YIELD (gpm):** **METHOD OF TEST**
f. **DISINFECTION: Type** **Amount**
g. **WATER ZONES** (depth):
From To From To
From To From To
From To From To

6. CASING:

	Depth		Diameter	Thickness/ Weight	Material
From 0.6	To 35'	Ft.	2'	sch 40	pvc
From	To	Ft.			
From	To	Ft.			

7. GROUT:

	Depth		Material	Method
From 1'	To 30'	Ft.	portland cement	trimmie
From 30'	To 33'	Ft.	bentonite chips	
From	To	Ft.		

8. SCREEN:

	Depth		Diameter	Slot Size	Material
From 35'	To 50'	Ft.	2' in.	.010 in.	pvc
From	To	Ft.	in.	in.	
From	To	Ft.	in.	in.	

9. SAND/GRAVEL PACK:

	Depth		Size	Material
From 33'	To 50'	Ft.	#2	silica sand
From	To	Ft.		
From	To	Ft.		

10. DRILLING LOG

From	To	Formation Description
1'	30'	tan clay
30'	50'	tan clay to pwr
	50'	

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER

21-2011
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

steve poloniewicz
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2856-A

1. WELL CONTRACTOR:

Keith A. Speece
Well Contractor (Individual) Name

Carolina Soil Investigations, LLC
Well Contractor Company Name

132 Gurney Rd.
Street Address

Olin N.C. 28660
City or Town State Zip Code

(704) 876-0010
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# WM-0500878

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-16

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 5/1/2012

4. WELL LOCATION:

109 McNeil Street
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Sanford COUNTY Lee

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other

LATITUDE 35 ° 30 ' 57.8000 " DMS **OR** DD

LONGITUDE 79 ° 12 ' 40.1000 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Trion, Inc. H&H# BAI-002
Facility Name Facility ID# (if applicable)

109 McNeil Street
Street Address

Sanford, NC 27237
City or Town State Zip Code

Mark Bascope
Contact Name

3334 Hillsborough Street
Mailing Address

Raleigh NC 28607
City or Town State Zip Code

( )
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 50

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: n/a FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** n/a **METHOD OF TEST** n/a

f. **DISINFECTION: Type** n/a **Amount** n/a

g. **WATER ZONES** (depth):

Top n/a	Bottom n/a	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 35	Ft. 2	sch 40	pvc
Top	Bottom	Ft.		
Top	Bottom	Ft.		

8. GROUT:

Depth		Material	Method
Top 0	Bottom 3	Ft. Portland	pour
Top 3	Bottom 33	Ft. Bentonite	tremie
Top	Bottom	Ft.	

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 35	Bottom 50	Ft. 2 in.	010 in.	pvc
Top	Bottom	Ft. in.	in.	
Top	Bottom	Ft. in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 33	Bottom 50	Ft. 10/30	silica sand
Top	Bottom	Ft.	
Top	Bottom	Ft.	

11. DRILLING LOG

Top	Bottom	Formation Description
/		
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12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Keith A. Speece 5/1/12
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Keith A. Speece
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2856-A

1. WELL CONTRACTOR:

Keith A. Speece
Well Contractor (Individual) Name

Carolina Soil Investigations, LLC
Well Contractor Company Name

132 Gurney Rd.
Street Address

Olin N.C. 28660
City or Town State Zip Code

(704) 876-0010
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# WM 0500878

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-17

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation☐ Other ☐ (list use)

DATE DRILLED 5/1/2012

4. WELL LOCATION:

109 McNeil Street
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Sanford COUNTY Lee

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐Slope ☐Valley ☑Flat ☐Ridge ☐Other

LATITUDE 35 ° 30 ' 56.6000 " DMS **OR** DD

LONGITUDE 79 ° 12 ' 39.7000 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑GPS ☐Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Trion, Inc. H&H# BAI-002
Facility Name Facility ID# (if applicable)

109 McNeil Street
Street Address

Sanford, NC 27237
City or Town State Zip Code

Mark Bascope
Contact Name

3334 Hillsborough Street
Mailing Address

Raleigh NC 28607
City or Town State Zip Code

( )
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 75

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: n/a FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** n/a **METHOD OF TEST** n/a

f. **DISINFECTION: Type** n/a **Amount** n/a

g. **WATER ZONES** (depth):

Top n/a	Bottom n/a	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 55	Ft. 2	sch 40	pvc
Top	Bottom	Ft.		
Top	Bottom	Ft.		

8. GROUT:

Depth		Material	Method
Top 0	Bottom 3	Ft. Portland	pour
Top 3	Bottom 53	Ft. Bentonite	tremie
Top	Bottom	Ft.	

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 55	Bottom 75	Ft. 2 in.	010 in.	pvc
Top	Bottom	Ft. in.	in.	
Top	Bottom	Ft. in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 53	Bottom 75	Ft. 10/30	silica sand
Top	Bottom	Ft.	
Top	Bottom	Ft.	

11. DRILLING LOG

Top	Bottom	Formation Description

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Keith A. Speece 5/1/12
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Keith A. Speece
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2856-A

1. WELL CONTRACTOR:

Keith A. Speece
Well Contractor (Individual) Name

Carolina Soil Investigations, LLC
Well Contractor Company Name

132 Gurney Rd.
Street Address

Olin N.C. 28660
City or Town State Zip Code

(704) 876-0010
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# WM 0500878

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) DMW-1

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 5/1/2012

4. WELL LOCATION:

109 McNeil Street
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Sanford COUNTY Lee

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☑ Flat ☐ Ridge ☐ Other

LATITUDE 35 ° 30 ' 55.5000 " DMS **OR** DD

LONGITUDE 79 ° 12 ' 42.4000 " DMS **OR** 7x.xxxxxxxxx DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Trion, Inc. H&H# BAI-002
Facility Name Facility ID# (if applicable)

109 McNeil Street
Street Address

Sanford, NC 27237
City or Town State Zip Code

Mark Bascope
Contact Name

3334 Hillsborough Street
Mailing Address

Raleigh NC 28607
City or Town State Zip Code

( )
Area code Phone number

6. WELL DETAILS:

a. **TOTAL DEPTH:** 103

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☑

c. **WATER LEVEL** Below Top of Casing: n/a FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** n/a **METHOD OF TEST** n/a

f. **DISINFECTION: Type** n/a **Amount** n/a

g. **WATER ZONES** (depth):

Top n/a	Bottom n/a	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0	Bottom 80 Ft.	2	sch 40	pvc
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0	Bottom 3 Ft.	Portland	pour
Top 3	Bottom 78 Ft.	Bentonite	tremie
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 80	Bottom 100 Ft.	2 in.	010 in.	pvc
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 78	Bottom 103 Ft.	10/30	silica sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
/		
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12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Keith A. Speece 5/1/12
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Keith A. Speece
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

APPENDIX G
GROUNDWATER SAMPLING LOGS

Hart & Hickman
A Professional Corporation

LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: TMW-1
Well Location: Trion property - upgradient

Facility Name: Trion, Inc. Facility
Date: 3/1/2011

Top of Casing Elevation (ft msl): 283.63 Casing Material: PVC Volume of Water Per Well Volume: 9.0 gallons

Total Well Depth (ft): 64 Depth to Water (ft): 8.98 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 62 ft

Weather Conditions: Sunny, 50s F NOTES:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
835	9.75	-	50 mL/min	8.29	16.32	550	8.05	33.1	33.6
840	10.38	0.25	50 mL/min	6.95	15.59	557	7.87	33.9	26.2
845	10.88	0.50	50 mL/min	5.98	15.45	537	7.77	33.4	25.0
850	11.50	0.75	50 mL/min	5.42	15.46	517	7.76	32.8	24.2
855	12.04	1.00	50 mL/min	4.93	15.55	502	7.78	32.0	23.9
900	12.58	1.25	50 mL/min	4.84	15.66	493	7.74	31.6	22.2

Other Sample Parameters: None

Sampled at: 900 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: TMW-2
Well Location: Trion property - upgradient

Facility Name: Trion, Inc. Facility
Date: 3/2/2011

Top of Casing Elevation (ft msl): 274.34 Casing Material: PVC Volume of Water Per Well Volume: 2.6 gallons

Total Well Depth (ft): 23 Depth to Water (ft): 6.89 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 21 ft

Weather Conditions: Sunny, 50s F NOTES:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1035	6.95	-	50 mL/min	2.36	13.77	49	7.12	45.4	647
1040	6.98	0.25	50 mL/min	2.54	14.16	50	6.08	44.7	155
1045	6.99	0.50	50 mL/min	2.30	14.61	43	5.81	43.3	129.0
1050	7.02	0.75	50 mL/min	2.22	14.95	35	5.71	43.0	98.9
1055	7.04	1.00	50 mL/min	2.13	15.18	34	5.63	44.1	96.3

Other Sample Parameters: None

Sampled at: 1055 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: TMW-3
Well Location: Trion property - downgradient

Facility Name: Trion, Inc. Facility
Date: 3/1/2011

Top of Casing Elevation (ft msl): 275.48 Casing Material: PVC Volume of Water Per Well Volume: 5.2 gallons

Total Well Depth (ft): 40 Depth to Water (ft): 8.24 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 38 ft

Weather Conditions: Sunny, 50s F NOTES: Purged approx. 1 L very silty water prior to beginning of low-flow measurments.

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
945	8.65	-	50 mL/min	9.59	17.35	252	7.47	50.8	636
950	8.76	0.25	50 mL/min	0.66	17.38	450	7.27	38.1	221
955	8.79	0.50	50 mL/min	0.56	17.04	440	7.15	38.9	107.0
1000	8.81	0.75	50 mL/min	0.51	17.10	421	7.09	39.2	88.5
1005	8.85	1.00	50 mL/min	0.60	17.18	417	7.07	39.3	62.1

Other Sample Parameters: None

Sampled at: 1005 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: TMW-4
Well Location: Trion property - source area

Facility Name: Trion, Inc. Facility
Date: 3/2/2011

Top of Casing Elevation (ft msl): 271.88 Casing Material: PVC Volume of Water Per Well Volume: 5.4 gallons

Total Well Depth (ft): 40 Depth to Water (ft): 6.66 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 38 ft

Weather Conditions: Sunny, 60s F NOTES:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1335	6.91	-	50 mL/min	5.24	20.14	411	7.66	23.2	484
1340	7.43	0.25	50 mL/min	1.64	20.61	412	7.35	27.4	92.9
1345	8.08	0.50	50 mL/min	1.40	20.05	415	7.28	30.0	32.9
1350	8.52	0.75	50 mL/min	1.43	19.38	417	7.31	28.5	25.9
1355	8.93	1.00	50 mL/min	1.35	19.24	417	7.35	28.6	20.1

Other Sample Parameters: None

Sampled at: 1355 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

Also collected blind duplicate for VOCs, labeled MW-DUP

Hart & Hickman
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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: TMW-5
Well Location: Trion property - source area

Facility Name: Trion, Inc. Facility
Date: 5/12/2011

Top of Casing Elevation (ft msl): 276.18 Casing Material: PVC Volume of Water Per Well Volume: 5.5 gallons

Total Well Depth (ft): 40 Depth to Water (ft): 6.21 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 38 ft

Weather Conditions: Overcast, 70s F NOTES:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
800	6.71	-	50 mL/min	0.92	18.91	154	6.04	240.4	34.61
805	6.76	0.25	50 mL/min	1.17	18.69	151	5.49	203.5	18.31
810	6.84	0.50	50 mL/min	0.48	18.73	150	5.28	191.4	9.2
815	6.89	0.75	50 mL/min	0.40	18.75	149	5.24	188.5	7.21
820	6.94	1.00	50 mL/min	0.35	18.80	149	5.22	186.2	5.94

Other Sample Parameters: None

Sampled at: 820 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: MW-6
Well Location: Trion property - source area

Facility Name: Trion, Inc. Facility
Date: 3/2/2011

Top of Casing Elevation (ft msl): 272.07 Casing Material: PVC Volume of Water Per Well Volume: 2.9 gallons

Total Well Depth (ft): 25 Depth to Water (ft): 7.16 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 23 ft

Weather Conditions: Sunny, 60s F NOTES:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1420	7.45	-	50 mL/min	2.69	19.62	600	7.45	22.0	16.2
1425	8.45	0.25	50 mL/min	1.71	19.21	600	7.27	27.6	15.7
1430	8.95	0.50	50 mL/min	1.65	18.98	602	7.26	27.5	6.6
1435	9.55	0.75	50 mL/min	1.60	19.21	600	7.29	25.8	4.3
1440	10.22	1.00	50 mL/min	1.54	19.36	601	7.28	25.4	6.1

Other Sample Parameters: None

Sampled at: 1440 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: MW-7
Well Location: Trion property - source area

Facility Name: Trion, Inc. Facility
Date: 3/2/2011

Top of Casing Elevation (ft msl): 271.55 Casing Material: PVC Volume of Water Per Well Volume: 8.7 gallons

Total Well Depth (ft): 60 Depth to Water (ft): 6.88 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 58 ft

Weather Conditions: Sunny, 60s F NOTES:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1255	6.36	-	50 mL/min	8.30	19.80	290	8.15	32.7	260
1300	6.79	0.25	50 mL/min	2.08	20.04	330	8.08	35.2	286
1305	6.95	0.50	50 mL/min	1.85	19.94	335	8.08	38.6	222
1310	7.13	0.75	50 mL/min	1.76	19.95	337	8.10	39.6	90.4
1315	7.34	1.00	50 mL/min	1.69	20.17	340	8.12	38.6	16.1

Other Sample Parameters: None

Sampled at: 1315 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: MW-8
Well Location: Trion property

Facility Name: Trion, Inc. Facility
Date: 3/1/2011

Top of Casing Elevation (ft msl): 272.42 Casing Material: PVC Volume of Water Per Well Volume: 4.6 gallons

Total Well Depth (ft): 35 Depth to Water (ft): 6.53 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 33 ft

Weather Conditions: Sunny, 50s F NOTES:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1245	7.06	-	50 mL/min	1.70	18.08	427	7.36	42.9	314
1250	7.47	0.25	50 mL/min	1.39	18.07	428	7.35	43.0	201
1255	7.76	0.50	50 mL/min	1.21	18.17	428	7.34	42.8	176
1300	8.00	0.75	50 mL/min	1.18	18.18	428	7.36	42.6	122
1305	8.26	1.00	50 mL/min	1.16	18.17	428	7.35	42.7	103

Other Sample Parameters: None

Sampled at: 1305 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: MW-9
Well Location: Trion property

Facility Name: Trion, Inc. Facility
Date: 3/2/2011

Top of Casing Elevation (ft msl): 280.09 Casing Material: PVC Volume of Water Per Well Volume: 4.3 gallons

Total Well Depth (ft): 40 Depth to Water (ft): 13.76 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 38 ft

Weather Conditions: Sunny, 50s F NOTES:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1120	14.12	-	50 mL/min	3.15	15.88	228	6.80	44.3	228
1125	14.66	0.25	50 mL/min	2.07	15.24	221	6.94	43.8	52.0
1130	15.02	0.50	50 mL/min	2.12	15.53	213	7.03	44.5	42.3
1135	15.43	0.75	50 mL/min	2.36	15.80	210	7.12	44.4	29.4
1140	15.75	1.00	50 mL/min	2.45	15.74	210	7.13	44.2	20.1

Other Sample Parameters: None

Sampled at: 1140 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: MW-10
Well Location: Trion property

Facility Name: Trion, Inc. Facility
Date: 3/1/2011

Top of Casing Elevation (ft msl): 273.96 Casing Material: PVC Volume of Water Per Well Volume: 3.2 gallons

Total Well Depth (ft): 29 Depth to Water (ft): 9.56 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 27 ft

Weather Conditions: Sunny, 50s F NOTES:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1155	10.26	-	50 mL/min	2.61	19.26	410	6.92	43.1	91.3
1200	10.54	0.25	50 mL/min	1.45	19.24	413	6.92	43.9	70.2
1205	10.80	0.50	50 mL/min	1.29	19.09	413	6.92	44.0	41.3
1210	11.21	0.75	50 mL/min	1.16	19.16	413	6.89	43.5	30.6
1215	11.50	1.00	50 mL/min	1.14	19.24	413	6.90	43.4	19.3

Other Sample Parameters: None

Sampled at: 1215 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: MW-11
Well Location: Trion property

Facility Name: Trion, Inc. Facility
Date: 3/1/2011

Top of Casing Elevation (ft msl): 280.43 Casing Material: PVC Volume of Water Per Well Volume: 4.1 gallons

Total Well Depth (ft): 38 Depth to Water (ft): 12.88 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 36 ft

Weather Conditions: Sunny, 50s F NOTES:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1100	13.41	-	50 mL/min	2.03	16.92	505	6.73	42.2	216
1105	13.60	0.25	50 mL/min	1.03	16.73	515	6.73	41.9	158
1110	13.75	0.50	50 mL/min	0.60	16.71	477	6.70	42.1	143
1115	13.95	0.75	50 mL/min	0.65	16.98	431	6.61	42.2	98.2
1120	14.09	1.00	50 mL/min	0.70	17.04	420	6.57	42.3	57.3

Other Sample Parameters: None

Sampled at: 1120 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: MW-12
Well Location: Trion property

Facility Name: Trion, Inc. Facility
Date: 3/1/2011

Top of Casing Elevation (ft msl): 280.45 Casing Material: PVC Volume of Water Per Well Volume: 6.0 gallons

Total Well Depth (ft): 50 Depth to Water (ft): 13.31 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 48 ft

Weather Conditions: Sunny, 50s F NOTES:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1020	14.25	-	50 mL/min	1.42	17.68	404	7.58	39.9	102
1025	14.71	0.25	50 mL/min	0.80	17.56	403	7.62	39.4	88.1
1030	15.05	0.50	50 mL/min	0.58	17.53	404	7.63	39.3	76.5
1035	15.34	0.75	50 mL/min	0.45	17.49	404	7.61	39.2	50.0
1040	15.62	1.00	50 mL/min	0.41	17.50	404	7.63	39.4	36.1

Other Sample Parameters: None

Sampled at: 1040 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

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A Professional Corporation

LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: MW-13
Well Location: Offsite property - downgradient

Facility Name: Trion, Inc. Facility
Date: 3/2/2011

Top of Casing Elevation (ft msl): 273.05 Casing Material: PVC Volume of Water Per Well Volume: 4.9 gallons

Total Well Depth (ft): 50 Depth to Water (ft): 20.20 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 48 ft

Weather Conditions: Sunny, 40s F NOTES: Purged approx 0.5 liters very silty water prior to beginning of low-flow measurements.

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (°C)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
755	20.30	-	50 mL/min	7.80	14.88	426	7.74	46.7	236.5
800	20.41	0.25	50 mL/min	4.99	14.50	437	7.53	47.7	187.4
805	20.48	0.50	50 mL/min	4.69	14.17	435	7.38	48.0	182.2
810	20.55	0.75	50 mL/min	4.69	14.08	435	7.34	48.1	162.6
815	20.59	1.00	50 mL/min	4.60	14.15	434	7.31	48.1	137.7

Other Sample Parameters: None

Sampled at: 815 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

Hart & Hickman
A Professional Corporation

LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: MW-13
Well Location: Offsite property - downgradient

Facility Name: Trion, Inc. Facility
Date: 5/12/2011

Top of Casing Elevation (ft msl): 273.05 Casing Material: PVC Volume of Water Per Well Volume: 5.2 gallons

Total Well Depth (ft): 50 Depth to Water (ft): 18.22 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 48 ft

Weather Conditions: Overcast, 70s F NOTES:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
855	18.53	-	50 mL/min	3.12	18.71	459	6.39	186.2	31.17
900	18.63	0.25	50 mL/min	2.32	18.71	459	6.26	159.2	16.57
905	18.75	0.50	50 mL/min	2.17	18.70	457	6.27	150.1	12.11
910	18.84	0.75	50 mL/min	2.28	18.69	455	6.27	145.7	9.34
915	18.98	1.00	50 mL/min	2.18	18.72	454	6.27	142.5	8.12

Other Sample Parameters: None

Sampled at: 915 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl)

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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: MW-14
Well Location: Offsite property - downgradient

Facility Name: Trion, Inc. Facility
Date: 3/2/2011

Top of Casing Elevation (ft msl): 271.44 Casing Material: PVC Volume of Water Per Well Volume: 6.6 gallons

Total Well Depth (ft): 55 Depth to Water (ft): 14.27 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 53 ft

Weather Conditions: Sunny, 40s F NOTES:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1000	14.05	-	50 mL/min	5.58	15.22	350	8.18	43.1	40.0
1005	14.41	0.25	50 mL/min	5.43	16.05	353	8.14	44.3	18.2
1010	14.76	0.50	50 mL/min	5.21	16.07	351	8.14	45.1	6.0

Other Sample Parameters: None

Sampled at: 1010 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: MW-15
Well Location: Offsite property - downgradient

Facility Name: Trion, Inc. Facility
Date: 3/2/2011

Top of Casing Elevation (ft msl): 266.80 Casing Material: PVC Volume of Water Per Well Volume: 7.3 gallons

Total Well Depth (ft): 50 Depth to Water (ft): 5.31 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 48 ft

Weather Conditions: Sunny, 40s F NOTES: Purged approx 0.5 liters very silty water prior to beginning of low-flow measurements.

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (°C)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
840	18.41	-	50 mL/min	6.97	15.07	411	7.67	49.9	646
845	18.68	0.25	50 mL/min	6.87	14.92	410	7.66	49.8	476
850	19.09	0.50	50 mL/min	6.90	14.67	411	7.62	50.0	281
855	19.32	0.75	50 mL/min	7.08	14.42	412	7.60	50.1	200
900	19.54	1.00	50 mL/min	7.14	14.43	413	7.59	50.1	65.6

Other Sample Parameters: None

Sampled at: 900 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives): VOCs (3 x 40mL VOAs, HCl), Total Metals (1 x 125 mL Plastic, HNO3)

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A Professional Corporation

LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: MW-16
Well Location: Offsite property - downgradient

Facility Name: Trion, Inc. Facility
Date: 5/18/2012

Top of Casing Elevation (ft msl): 266.39 Casing Material: PVC Volume of Water Per Well Volume: 6.7 gallons

Total Well Depth (ft): 50 Depth to Water (ft): 8.81 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 47 ft

Weather Conditions: Sunny, 60s F NOTES: Purged approx 1 liter of very silty water prior to beginning of low-flow measurements.

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1110	9.52	--	50 mL/min	2.54	18.48	313	8.79	-26.4	206
1115	9.64	0.25	50 mL/min	4.58	18.96	3	5.19	56.8	115.0
1120	9.76	0.50	50 mL/min	1.93	18.26	311	8.06	0.4	76.3
1125	9.84	0.75	50 mL/min	1.71	18.36	308	7.91	-0.6	56.5
1130	9.93	1.00	50 mL/min	1.57	18.19	303	7.78	-0.5	26.51
1135	10.04	1.25	50 mL/min	1.46	18.25	301	7.70	2.6	15.21
1140	10.09	1.50	50 mL/min	1.37	18.39	300	7.64	3.7	9.61
1145	10.15	1.75	50 mL/min	1.31	18.51	301	7.61	6.4	5.13

Other Sample Parameters: None

Sampled at: 1145 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives):

VOCs (3 x 40mL VOAs, HCl), Total Chromium and Manganese (1 x 125 mL Plastic, HNO3)

Collected field duplicated (MW-Dup)

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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: MW-17
Well Location: Offsite property - downgradient

Facility Name: Trion, Inc. Facility
Date: 5/18/2012

Top of Casing Elevation (ft msl): 264.63 Casing Material: PVC Volume of Water Per Well Volume: 11.3 gallons

Total Well Depth (ft): 75 Depth to Water (ft): 5.40 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 72 ft

Weather Conditions: Sunny, 70s F NOTES: Purged approx 0.5 liters of very silty water prior to beginning of low-flow measurements.

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (^oC)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1215	6.07	--	50 mL/min	3.62	19.19	392	7.20	39.1	174.7
1220	6.16	0.25	50 mL/min	2.32	19.07	391	7.10	37.0	107.8
1225	6.23	0.50	50 mL/min	2.05	18.79	391	7.03	21.9	49.0
1230	6.31	0.75	50 mL/min	1.95	18.68	390	7.01	38.8	23.1
1235	6.42	1.00	50 mL/min	1.82	18.64	389	6.98	39.2	14.44
1240	6.47	1.25	50 mL/min	1.61	18.58	393	6.95	38.5	7.24
1245	6.53	1.50	50 mL/min	1.48	18.52	395	6.93	37.5	3.98

Other Sample Parameters: None

Sampled at: 1245 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives):

VOCs (3 x 40mL VOAs, HCl), Total Chromium and Manganese (1 x 125 mL Plastic, HNO3)

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LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria
DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-002
Well ID: DMW-1
Well Location: Onsite - Vertical Delineation

Facility Name: Trion, Inc. Facility
Date: 5/18/2012

Top of Casing Elevation (ft msl): 273.35 Casing Material: PVC Volume of Water Per Well Volume: 12.9 gallons

Total Well Depth (ft): 100 Depth to Water (ft): 21.16 Well Diameter: 2"

Sampling Personnel: Timothy Klotz

Type of Pump: Peristaltic Tubing Material: 1/4" OD Poly Pump/Tubing set at: 97 ft

Weather Conditions: Sunny, 60s F NOTES: Purged approx 0.5 liters very silty water prior to beginning of low-flow measurements.

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped (L)	Pumping Rate	DO (mg/l)	Temp. (°C)	S. Cond. (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1000	21.88	--	50 mL/min	12.90	21.30	934	11.64	-59.7	97.34
1005	22.10	0.25	50 mL/min	4.62	21.28	913	11.66	-82.3	66.94
1010	22.29	0.50	50 mL/min	4.04	21.50	887	11.72	-90.4	40.90
1015	22.38	0.75	50 mL/min	3.61	21.70	866	11.73	-93.0	31.09
1020	22.57	1.00	50 mL/min	3.43	21.86	850	11.75	-94.5	29.11
1025	22.75	1.25	50 mL/min	3.25	22.03	838	11.77	-96.4	26.81
1030	22.84	1.50	50 mL/min	3.45	22.32	829	11.80	-96.7	11.55
1035	22.91	1.75	50 mL/min	3.36	22.38	827	11.81	-96.5	8.10
1040	22.98	2.00	50 mL/min	3.31	22.41	826	11.84	-96.1	4.31

Other Sample Parameters: None

Sampled at: 1040 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by Courier at

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered: N/A

Sample Parameter Containers (Types, Number of Containers, Preservatives):

VOCs (3 x 40mL VOAs, HCl), Total Chromium and Manganese (1 x 125 mL Plastic, HNO3)

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SMARTER ENVIRONMENTAL SOLUTIONS

LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria

DO +/- 0.3 mg/l
+/- 10% (<10 NTUs) Turb.
Cond. +/- 3% S.
10 mV ORP +/-
unit pH +/- 0.1

Job No: BAI-002

Well ID: **TMW-1**

Well Location: Trion Property

Facility Name: Trion, Inc. Facility

Date: 6/20/2013

Top of Casing Elevation (ft msl): 283.63 Casing Material: PVC Volume of Water Per Well Volume:

Total Well Depth (feet): 64 Screen Interval (feet): 49 - 64 Depth to Water (feet): 8.20 Well Diameter: 2 inches

Sampling Personnel: Bryan Wence

Type of Pump: Peristaltic Tubing Material: Poly Pump/Tubing set at: 55 ft.

Weather Conditions: Sunny, 80's°F Notes:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped	Pumping Rate	DO (mg/l)	Temp. (°C)	S. Cond. (µS/cm)	pH (SU)	ORP (mV)	Turbidity (NTU)
1145	8.20	0.5 Liters	~100 mL/min.	1.87	20.86	398	6.82	51.8	NM
1150	8.24	1.0		2.86	20.69	366	6.82	37.8	
1155	8.25	1.5		3.25	20.91	367	7.06	9.5	
1200	8.71	2.0		3.40	20.88	366	7.10	2.7	
1205	8.92	2.5		3.51	20.85	366	7.12	-3.1	

Other Sample Parameters: Ferrous Iron: 0.25 mg/L

Sampled at: 1205 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by: at:

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered:

Sample Parameter Containers (Types, Number of Containers, Preservatives):

Chloride/Nitrate/Sulfate (1 x 1 Liter Plastic, none);

Total Organic Carbon (3 x 40 mL Amber VOAs, HCL); Ethane/Ethene/Methane (3 x 40 mL VOAs, HCL)

hart hickman

SMARTER ENVIRONMENTAL SOLUTIONS

LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria

DO +/- 0.3 mg/l — Turb. +/- 10% (<10 NTUs) — S. Cond. +/- 3% — ORP +/- 10 mV — pH +/- 0.1 unit

Job No: BAI-002

Well ID: **MW-8**

Well Location: Trion Property

Facility Name: Trion, Inc. Facility

Date: 6/20/2013

Top of Casing Elevation (ft msl): 272.42 Casing Material: PVC Volume of Water Per Well Volume:

Total Well Depth (feet): 35 Screen Interval (feet): 20 - 35 Depth to Water (feet): 5.01 Well Diameter: 2 inches

Sampling Personnel: Bryan Wence

Type of Pump: Peristaltic Tubing Material: Poly Pump/Tubing set at: 30 ft.

Weather Conditions: Sunny 80°F - 90°F Notes:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped	Pumping Rate	DO (mg/l)	Temp. (°C)	S. Cond. (µS/cm)	pH (SU)	ORP (mV)	Turbidity (NTU)
1240	5.01	0.5 ~~1000mL/min~~	~100mL/min.	0.88	21.77	405	7.42	87.0	N/M
1245	5.89	1.0 Liters		0.60	21.95	407	6.93	54.2	
1250	6.52	1.5		0.51	21.83	406	6.99	37.8	
1255	6.81	2.0		0.45	21.74	404	6.97	35.5	
1300	7.06	2.5		0.42	21.69	403	6.95	33.2	

Other Sample Parameters: Ferrous Iron: 0.25 mg/L

Sampled at: 1300 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by: at:

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered:

Sample Parameter Containers (Types, Number of Containers, Preservatives):

VOCs - (4 x 40 mL VOAs, 2-HCL 2-none); Chloride/Nitrate/Sulfate (1 x 1 Liter Plastic, none);

Total Organic Carbon (3 x 40 mL Amber VOAs, HCL); Ethane/Ethene/Methane (3 x 40 mL VOAs, HCL)

hart hickman

SMARTER ENVIRONMENTAL SOLUTIONS

LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria

DO +/- 0.3 mg/l
+/- 10% (<10 NTUs) Turb.
Cond. +/- 3% S.
10 mV ORP +/-
unit pH +/- 0.1

Job No: BAI-002

Well ID: **MW-13**

Well Location: Offsite Property

Facility Name: Trion, Inc. Facility

Date: 6/20/2013

Top of Casing Elevation (ft msl): 273.05 Casing Material: PVC Volume of Water Per Well Volume:

Total Well Depth (feet): 50 Screen Interval (feet): 35 - 50 Depth to Water (feet): 18.13 Well Diameter: 2 inches

Sampling Personnel: Bryan Wence

Type of Pump: Peristaltic Tubing Material: Poly Pump/Tubing set at: 45 ft.

Weather Conditions: Sunny 80's °F Notes:

*Pump set on lowest rate

GROUND WATER SAMPLING PARAMETERS

Time	*Water Level	Volume Pumped	Pumping Rate	DO (mg/l)	Temp. (°C)	S. Cond. (µS/cm)	pH (SU)	ORP (mV)	Turbidity (NTU)
1530	18.13	0.5 Liters	~100 mL/min	2.66	21.22	320	9.44	63.8	NM
1535	19.63	1.0		2.60	21.17	324	8.89	54.9	
1540	20.39	1.5		2.61	21.15	323	8.54	48.0	
1545		2.0		2.58	21.07	324	8.51	44.0	
1550		2.5		2.60	21.05	323	8.48	42.7	

Other Sample Parameters: Ferrous Iron: 0 mg/L

Sampled at: 1550 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by: at:

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered:

Sample Parameter Containers (Types, Number of Containers, Preservatives):

VOCs - (4 x 40 mL VOAs, 2-HCL 2-none); Chloride/Nitrate/Sulfate (1 x 1 Liter Plastic, none);

Total Organic Carbon (3 x 40 mL Amber VOAs, HCL); Ethane/Ethene/Methane (3 x 40 mL VOAs, HCL)

hart hickman

SMARTER ENVIRONMENTAL SOLUTIONS

LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria

DO +/- 0.3 mg/l
+/- 10% (<10 NTUs) Turb.
Cond. +/- 3% S.
10 mV ORP +/-
unit pH +/- 0.1

Job No: BAI-002

Well ID: **MW-14**

Well Location: Offsite Property

Facility Name: Trion, Inc. Facility

Date: 6/20/2013

Top of Casing Elevation (ft msl): 271.44 Casing Material: PVC Volume of Water Per Well Volume:

Total Well Depth (feet): 55 Screen Interval (feet): 40 - 55 Depth to Water (feet): 5.53 Well Diameter: 2 inches

Sampling Personnel: Bryan Wence

Type of Pump: Peristaltic Tubing Material: Poly Pump/Tubing set at: 50 ft.

Weather Conditions: Notes:

* Peristaltic set on lowest level water level still dropping

GROUND WATER SAMPLING PARAMETERS

Time	*Water Level	Volume Pumped	Pumping Rate	DO (mg/l)	Temp. (°C)	S. Cond. (µS/cm)	pH (SU)	ORP (mV)	Turbidity (NTU)
1400	5.53	0.5 L.	~100ml/min	2.03	21.38	236	9.16	32.1	NM
1405	6.61	1.0		1.27	21.20	236	8.98	31.8	
1410	8.58	1.5		1.17	21.17	236	8.99	24.9	
1415	9.83	2.0		1.11	21.21	236	9.01	19.7	
1420	11.11	2.5		1.09	21.27	236	9.06	15.2	

Other Sample Parameters: Ferrous Iron: 0 mg/L

Sampled at: 1420 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by: at:

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered:

Sample Parameter Containers (Types, Number of Containers, Preservatives):

VOCs - (4 x 40 mL VOAs, 2-HCL 2-none)

hart hickman

SMARTER ENVIRONMENTAL SOLUTIONS

LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria

DO +/- 0.3 mg/l
+/- 10% (<10 NTUs) Turb.
Cond. +/- 3% S.
10 mV ORP +/-
unit pH +/- 0.1

Job No: BAI-002

Well ID: **MW-17**

Well Location: Offsite Property

Facility Name: Trion, Inc. Facility

Date: 6/20/2013

Top of Casing Elevation (ft msl): 264.63 Casing Material: PVC Volume of Water Per Well Volume:

Total Well Depth (feet): 75 Screen Interval (feet): 55 - 75 Depth to Water (feet): 5.24 Well Diameter: 2 inches

Sampling Personnel: Bryan Wence

Type of Pump: Peristaltic Tubing Material: Poly Pump/Tubing set at: 70 ft.

Weather Conditions: Sunny, 80's °F Notes:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped	Pumping Rate	DO (mg/l)	Temp. (°C)	S. Cond. (µS/cm)	pH (SU)	ORP (mV)	Turbidity (NTU)
1615	5.24	0.5 Liters	~100 mL/min.	3.82	18.89	200	6.98	152.3	NM
1620	5.37	1.0		3.72	18.18	196	6.31	157.0	
1625	5.48	1.5		3.73	18.28	195	6.29	155.3	
1630	5.56	2.0		3.67	18.32	195	6.27	153.7	

Other Sample Parameters: Ferrous Iron: 0.25 mg/L

Sampled at: 1630 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by: at:

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered:

Sample Parameter Containers (Types, Number of Containers, Preservatives):

VOCs - (4 x 40 mL VOAs, 2-HCL 2-none); Chloride/Nitrate/Sulfate (1 x 1 Liter Plastic, none);

Total Organic Carbon (3 x 40 mL Amber VOAs, HCL); Ethane/Ethene/Methane (3 x 40 mL VOAs, HCL)

hart hickman

SMARTER ENVIRONMENTAL SOLUTIONS

LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria

DO +/- 0.3 mg/l
+/- 10% (<10 NTUs) Turb.
Cond. +/- 3% S.
10 mV ORP +/-
unit pH +/- 0.1

Job No: BAI-002

Well ID: **DMW-1**

Well Location: Trion Property

Facility Name: Trion, Inc. Facility

Date: 6/20/2013

Top of Casing Elevation (ft msl): 273.35 Casing Material: PVC Volume of Water Per Well Volume:

Total Well Depth (feet): 100 Screen Interval (feet): 80 - 100 Depth to Water (feet): 21.25 Well Diameter: 2 inches

Sampling Personnel: Bryan Wence

Type of Pump: Peristaltic Tubing Material: Poly Pump/Tubing set at: 90 ft.

Weather Conditions: Sunny - 80's °F Notes:

*Pump set on lowest rate

GROUND WATER SAMPLING PARAMETERS

Time	* Water Level	Volume Pumped	Pumping Rate	DO (mg/l)	Temp. (°C)	S. Cond. (µS/cm)	pH (SU)	ORP (mV)	Turbidity (NTU)
1445	21.25	0.5 Liters	~100 mL/min	6.07	21.15	446	11.05	31.0	NM
1450	22.14	1.0		6.21	21.16	450	11.03	-26.2	
1455	23.08	1.5		6.16	21.03	451	11.04	-41.4	
1500	23.42	2.0		6.19	20.90	451	11.09	-49.0	
1505	23.76	2.5		6.19	21.00	451	11.08	-51.5	
1510	24.03	3.0		6.13	21.10	452	11.11	-55.8	

Other Sample Parameters: Ferrous Iron: 0 mg/L

Sampled at: 1510 Parameters taken with: YSI-556

Sample Delivered to: Prism Labs by: at:

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered:

Sample Parameter Containers (Types, Number of Containers, Preservatives):

VOCs - (4 x 40 mL VOAs, 2-HCL 2-none)

Trion 8/2/13

DW-1 Low Flow

Depth to water - 22.17' btoc

Time	Temp	cond	DO	PH	ORP
1110	22.05	0.416	8.28	10.74	88.9
1115	21.97	0.410	6.91	10.85	63.8
1118	22.17	0.411	6.61	10.34	83.7
1121	22.31	0.420	6.50	10.13	90.8
1124	22.19	0.427	6.61	10.08	92.8
1127	22.16	0.427	6.67	10.08	92.4
1130	22.18	0.427	6.68	10.08	91.8
1133	22.25	0.426	6.68	10.06	90.2
1136	22.33	0.426	6.67	10.06	91.4
1140	22.31	0.426	6.66	10.07	91.2

- collected DW-1 @ 1140 for 8260
- Final Depth to water: 24.28

1215 Set Tubing for SV-1 @ 14.5' bgs
allowed for bentonite seal to set.
- mob'd to MW-8 location
- allowed MW-8 to equilibrate

1300 MW-8 water level = 4.87' btoc
- informed Leo Moretz of water level. Leo informed me not to advance boring to install SV-2.

hart hickman

SMARTER ENVIRONMENTAL SOLUTIONS

LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria

DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-003

Well ID: **DMW-1**

Well Location: Trion Property

Facility Name: Trion, Inc. Facility

Date: 8/22/2013

Top of Casing Elevation (ft msl): 273.35 Casing Material: PVC Volume of Water Per Well Volume:

Total Well Depth (feet): 100 Screen Interval (feet): 80 - 100 Depth to Water (feet): 23.04 Well Diameter: 2 inches

Sampling Personnel: Bryan Wence

Type of Pump: Peristaltic Tubing Material: Poly Pump/Tubing set at: 90 ft.

Weather Conditions: Sunny, 8° Notes:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped	Pumping Rate	DO (mg/l)	Temp. (°C)	S. Cond. (µS/cm)	pH (SU)	ORP (mV)	Turbidity (NTU)
1200	23.04	NM	~100mL/min	5.95	26.58	471	11.07	-72.0	NM
1205	23.95	↓	↓	5.49	27.61	475	11.09	-72.5	↓
1210	24.22	↓	↓	5.20	27.25	453	11.04	-71.5	↓
1215	24.35	↓	↓	4.52	27.19	409	10.89	-69.0	↓
1220	24.58	↓	↓	4.35	27.67	405	10.86	-69.7	↓
1225	24.73	↓	↓	4.27	28.10	401	10.84	-69.7	↓
1230	24.86	↓	↓	4.22	27.94	397	10.80	-68.5	↓

Other Sample Parameters: ~~Ferrous Iron:~~

Sampled at: 1230 Parameters taken with: YSI-556

Sample Delivered to: ESC Labs by: at:

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered:

Sample Parameter Containers (Types, Number of Containers, Preservatives):

VOCs - (2 x 40 mL VOAs, HCL)

hart hickman

SMARTER ENVIRONMENTAL SOLUTIONS

LOW-FLOW GROUND WATER SAMPLING RECORD

Stabilization Criteria

DO +/- 0.3 mg/l
Turb. +/- 10% (<10 NTUs)
S. Cond. +/- 3%
ORP +/- 10 mV
pH +/- 0.1 unit

Job No: BAI-003

Well ID: **DMW-1**

Well Location: on site

Facility Name: Trion, Inc. Facility

Date: 9/11/2013

Top of Casing Elevation (ft msl): 273.35 Casing Material: PVC Volume of Water Per Well Volume:

Total Well Depth (feet): 100 Screen Interval (feet): 80-100 Depth to Water (feet): 24.57 Well Diameter: 2"

Sampling Personnel: Bryan Wence

Type of Pump: Peristaltic Tubing Material: Poly Pump/Tubing set at: 90 ft.

Weather Conditions: Sunny, 80's °F Notes:

GROUND WATER SAMPLING PARAMETERS

Time	Water Level	Volume Pumped	Pumping Rate	DO (mg/l)	Temp. (°C)	S. Cond. (µS/cm)	pH (SU)	ORP (mV)	Turbidity (NTU)
1055	24.57	NM	~100 ml/min.	5.72	24.78	392	10.89	-16.6	NM
1100	25.16			5.32	25.42	400	10.87	-6.0	
1105	25.54			5.43	25.47	408	10.97	-4.9	
1110	25.78			5.38	25.66	410	11.02	-6.6	
1115	25.97			5.41	25.86	413	11.04	-4.2	
1120	26.20			5.31	26.09	413	11.06	-3.5	

Other Sample Parameters: ~~Ferrous Iron?~~

Sampled at: 1120 Parameters taken with: YSI-556

Sample Delivered to: TestAmerica by: at:

Field Filtration: ( ) Yes (X) No If yes, which sample parameters were field filtered:

Sample Parameter Containers (Types, Number of Containers, Preservatives):

VOCs - (3 x 40 mL VOAs, HCL)

APPENDIX H
NON-HAZARDOUS MATERIALS MANIFESTS

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net
NON-HAZARDOUS MATERIALS MANIFEST

Load #

Manifest No. 74163

GENERATOR INFORMATION

Generator: Trion, Inc.

Phone: 919-723-2503

Site Address: 101 McNeill Road

City/State: Sanford, NC

Contact: Mark Bascope

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs):

Material: Water

Empty Weight (lbs):

Contaminant: Non-Hazardous VOC's

Net Weight (lbs):

Quantity 2

Tons (Drums) Pails Sacs Yards Other:

TRANSPORTER INFORMATION

Transporter: Evo Corporation

Phone: 336-725-5844

Truck #: 401

Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature:

Date: 5/3/12

FACILITY INFORMATION

Evo Project #: 051213

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature:

Date: 05-03-2012

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

Evo Corporation, 2008

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net
NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 74162

GENERATOR INFORMATION

Generator: Trion, Inc. Phone: 919-723-2503
Site Address: 101 McNeill Road
City/State: Sanford, NC Contact: Mark Bascope

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): _____ Material: Soil
Empty Weight (lbs): _____ Contaminant: Non-Hazardous VOC's
Net Weight (lbs): _____

Quantity 19 Tons (Drums) Pails Sacs Yards Other: _____

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 401 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Date: 5/3/12

FACILITY INFORMATION

Evo Project #: 051213

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: Date: 05-03-2012

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

Evo Corporation, 2008

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net
NON-HAZARDOUS MATERIALS MANIFEST

Load #

Manifest No. 75027

GENERATOR INFORMATION

Generator: Trion, Inc.

Phone: 919-723-2503

Site Address: 101 McNeill Road

City/State: Sanford, NC

Contact: Mark Bascope

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs):

Material: Soil

Empty Weight (lbs):

Contaminant: Non-Hazardous VOC's

Net Weight (lbs):

Quantity 7 Tons Drums Pails Sacs Yards Other:

TRANSPORTER INFORMATION

Transporter: Evo Corporation

Phone: 336-725-5844

Truck #: 401

Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Ronald Davis

Date: 8-3-2012

FACILITY INFORMATION

Evo Project #: 071239

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature:

Date:

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

Evo Corporation, 2008

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net
NON-HAZARDOUS MATERIALS MANIFEST

Load #

Manifest No. 75026

GENERATOR INFORMATION

Generator: Trion, Inc.

Phone: 919-723-2503

Site Address: 101 McNeill Road

City/State: Sanford, NC

Contact: Mark Bascope

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs):

Material: Water

Empty Weight (lbs):

Contaminant: Non-Hazardous VOC's

Net Weight (lbs):

Quantity 3 Water

Tons Drums Pails Sacs Yards Other:

TRANSPORTER INFORMATION

Transporter: Evo Corporation

Phone: 336-725-5844

Truck #: 401

Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Ronald Potts

Date: 8-3-2012

FACILITY INFORMATION

Evo Project #: 071239

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature:

Date:

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

Evo Corporation, 2008

ENVIRONMENTAL AND INDUSTRIAL RESOURCES

1703 Vargrave Street
Winston-Salem, NC 27107
ph 336-725-5844
fax 336-725-6244

CERTIFICATE OF DISPOSAL

Evo Corporation does hereby certify that 1 drum of non-hazardous contaminated water received on 07/24/2013 from:

Generator: Trion, Inc.

Originating at: 101 McNeill Road
Sanford, NC

EC Waste ID #: 071343

has been disposed of by Evo Corporation in a manner approved by the North Carolina Department of Environment and Natural Resources.

Thomas W. Hammett

Signature

Thomas W. Hammett
CEO
Evo Corporation

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net
NON-HAZARDOUS MATERIALS MANIFEST

Load #

Manifest No. 78310

GENERATOR INFORMATION

Generator: Trion, Inc.

Phone: 919-723-2503

Site Address: 101 McNeill Road

City/State: Sanford, NC

Contact: Mark Bascope

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs):

Material: Water

Empty Weight (lbs):

Contaminant: Non-Hazardous VOC's

Net Weight (lbs):

Quantity: 1

Tons (Drums) Pails Sacs Yards Other:

TRANSPORTER INFORMATION

Transporter: Evo Corporation

Phone: 336-725-5844

Truck #: 401

Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature:

Date:

FACILITY INFORMATION

Evo Project #: 071343

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature:

Date: 07-24-2013

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

Evo Corporation, 2008

APPENDIX I
CERTIFICATION STATEMENTS

IHSB SITE NAME Trion, Inc. Site NONCD 0002843
DATE & NAME OF DOCUMENT November 4, 2013 Phase I RI Report
TYPE OF SUBMITTAL (circle all that apply): Report, Work plan, Work Phase Comp. Statement, Schedule Change

REMEDIATING PARTY DOCUMENT CERTIFICATION STATEMENT (.0306(B)(2))

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Kent Hansen, Consultant to Trion
Name of Remediating Party

Kent E. Hansen 11/07/2013
Signature of Remediating Party Date

NOTARIZATION

New Jersey (Enter State)

MORRIS **COUNTY**

I, POONAM SADHWANI, a Notary Public of said County and State, do hereby certify that Kent E. Hansen did personally appear and sign before me this day, produced proper identification in the form of driver's license, was duly sworn or affirmed, and declared that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this ____ day of November, 2013.

Poonam Sadhwani (OFFICIAL SEAL)
Notary Public (signature)

My commission expires: 4/14/14

POONAM M SADHWANI
Notary Public
State of New Jersey
My Commission Expires Apr. 14, 2014

REC PROGRAM DOCUMENT CERTIFICATION FORM - PAGE 2 OF 2
IHSB SITE NAME Trion, Inc. NONCD 0002843
DATE & NAME OF DOCUMENT November 4, 2013 Phase I RI Report
TYPE OF SUBMITTAL (circle all that apply): Report, Work plan, Work Phase Comp. Statement, Schedule Change

REGISTERED SITE MANAGER CERTIFICATION OF SIGNATURES

As the Registered Environmental Consultant for the Site for which this filing is made, I certify that the signatures included herewith are genuine and authentic original handwritten signatures and/or true, accurate, and complete copies of the genuine and authentic original handwritten signatures of the persons who purport to sign for this filing. I further certify that I have collected through reliable means the originals and/or copies of said signatures from the persons authorized to sign for this filing who, in fact, signed the originals thereof. Those persons and I understand and agree that any copies of signatures have the same legally binding effect as original handwritten signatures, and I certify that any person for whom I am submitting a copy of their signature has provided me with their express consent to submit said copy. Additionally, I certify that I am authorized to attest to the genuineness and authenticity of the signatures, both originals and any copies, being submitted herewith and that by signing below, I do in fact attest to the genuineness and authenticity of all the signatures, both originals and copies, being submitted for this filing.

Leonard Moretz
Name of Registered Site Manager

Leonard Moretz
Signature of Registered Site Manager

November 7, 2013
Date

REGISTERED SITE MANAGER DOCUMENT CERTIFICATION STATEMENT (.0306(b)(1))

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Leonard Moretz
Name of Registered Site Manager

Leonard Moretz
Signature of Registered Site Manager

November 7, 2013
Date

NOTARIZATION

NC (Enter State)

Wake **COUNTY**

I, Kimberly P Pietrolungo a Notary Public of said County and State, do hereby certify that Leonard Moretz did personally appear and sign before me this day, produced proper identification in the form of State Drivers License was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certifications is true and accurate, and he or she then signed these Certifications in my presence.

WITNESS my hand and official seal this 7 day of November, 2013.

Kimberly P Pietrolungo (OFFICIAL SEAL)
Notary Public (signature)

KIMBERLY P. PIETROLUNGO NOTARY PUBLIC WAKE COUNTY, NC

My commission expires: 3/28/2014

Document Certification Form No. DC - II
(Revised 8/11)

PHASE I REMEDIAL INVESTIGATION COMPLETION CERTIFICATION
15A NCAC 13C.0306(b)(5)(A)

Media (check all that apply): ☐ All Media ☑ Soil ☑ Ground water ☐ Surface water ☑ Sediment

Site Name: Trion, Inc. Site
Street Address: 101 McNeill Road
County: Lee
Sanford, NC
Site ID No.: NONCD 0002843

The Phase I remedial investigation, which is the subject of this certification has, to the best of my knowledge, been completed in compliance with the Inactive Hazardous Sites Response Act N.C.G.S. 130A-310, et seq. and the remedial action program Rules 15A NCAC 13C .0300, and

Hart & Hickman, PC
[REC Name]

is in compliance with Rules .0305(b)(2) and .0305(b)(3), of this section. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information.

Leonard Moretz
RSM Signature

11/7/2013
Date

Leonard Moretz
RSM Name

Hart & Hickman, PC
REC Name

3334 Hillsborough St.
Mailing Address

00058
REC No.

Raleigh, NC 27607
City, State, ZIP

NOTARIZATION

NC (Enter State)

Wake **COUNTY**

I, Kimberly P Pietrolungo, a Notary Public of said County and State, do hereby certify that Leonard Moretz did personally appear and sign before me this day, produced proper identification in the form of State Driver's License, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 7 day of November, 2013.

Kimberly P Pietrolungo
Notary Public (Signature)

(OFFICIAL SEAL)
KIMBERLY P. PIETROLUNGO
NOTARY PUBLIC
WAKE COUNTY, NC

My commission expires: 3/28/2014