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Re: Engineered Controls International, LLC

Ladies and Gentlemen:

This firm represents Engineered Controls International, LLC ("ECIL"). ECIL recently retained GaiaTech Incorporated ("GaiaTech") to conduct limited Phase II site investigations of ECIL facilities located at 100 Rego Drive, Elon, Alamance County, North Carolina and (the "Elon Facility"), and 1239 Rock Creek Dairy Road, Whitsett, Gilford County, North Carolina (the "Whitsett Facility"). ECIL received GaiaTech's reports of the results of those Phase II site investigations on December 22, 2011. Pursuant to NC Gen. Stat. § 143-214.1 and 15A N.C.A.C. 2L.0106, ECIL hereby notifies the Division that GaiaTech's reports indicate that historical activities at the Elon Facility and the Whitsett Facility appear to have resulted in an increase in the concentration of certain substances in excess of the groundwater standards applicable to such substances, as set forth at 15A N.C.A.C. 2L. The results of GaiaTech's Phase II investigations are set forth in the following reports (copies of which are enclosed with this letter):

1. Limited Phase II Site Investigation, Engineered Controls International, LLC, 100 Rego Drive, Elon, North Carolina, dated December 2011, prepared by GaiaTech Incorporated; and

2. Limited Phase II Site Investigation, Engineered Controls International, LLC, 1239 Rock Creek Dairy Road, Whitsett, North Carolina, dated December 2011, prepared by GaiaTech Incorporated.

Please contact me if you have any questions regarding this matter or the enclosed reports.

Very truly yours,

Moore & Van Allen PLLC

Peter J. McGrath Jr.

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Enclosures
cc: Toby Chun
Christer Setterdahl

GaiaTech

CONFIDENTIAL

LIMITED PHASE II SITE INVESTIGATION

ENGINEERED CONTROLS INTERNATIONAL, LLC
1239 ROCK CREEK DAIRY ROAD
WHITSETT, NORTH CAROLINA

PREPARED FOR

KIRKLAND & ELLIS LLP
WASHINGTON, D.C.

ON BEHALF OF

ENGINEERED CONTROLS INTERNATIONAL, LLC
ELON, NORTH CAROLINA

DECEMBER 2011

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GAIATECH PROJECT NO. B1117-410-0

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EXECUTIVE SUMMARY

Kirkland and Ellis LLP retained GaiaTech Incorporated (GaiaTech) on behalf of Engineered Controls International, LLC (ECIL) to conduct a limited Phase II site investigation (Phase II) of the ECIL property located at 1239 Rock Creek Dairy Road, Whitsett, Guilford County, North Carolina (the Site). The purpose of the Phase II was to evaluate whether significant subsurface impacts are present related to historical industrial operations conducted by Engineered Controls International, Inc. (ECII) at the Site.

From 1989 until August 2010, ECII operated at the Site as a manufacturer of valves and valve components for the Liquefied Petroleum (LP) gas industry. Prior to that, the Site was used a dairy farm and residences from at least 1955 until the mid-1970s when the residences and dairy farm building were removed. The Site remained undeveloped and appears to have been used for dairy farming until 1989 when the initial portion of the Site building was constructed for use by ECII.

A July 2010 Phase I Environmental Site Assessment (ESA) report prepared by GaiaTech identified the following Historical Recognized Environmental Condition (HREC) at the Site:

- **Historical On-Site Release:** A release of virgin cutting oil from an aboveground storage tank (AST) that was not equipped with secondary containment was reported at the Site on September 10, 1997. The release seeped through the southeastern corner of the building into the outside soil. Impacted soils were subsequently removed and confirmatory soil samples determined that the release did not pose a threat. A No Further Action letter was issued on January 12, 1998. Although some confirmatory soil samples have been collected and the incident appears to have been closed, there is a potential for some residual impact in the area.

The July 2010 Phase I ESA also identified the following noteworthy areas at the site:

- **Oily Sheen on Storm Water Retention Pond:** Absorbent booms and a slight oily sheen were observed on the surface of the storm water retention pond.

- **Historical Operations -TCE Degreaser:** ECII formerly utilized a TCE vapor degreaser for parts cleaning activities from 1989 until sometime before 1994 when it was removed. When this system was in operation, substantial amounts of TCE were used and stored on Site. No releases were reported by ECII; however, GaiaTech could not rule out the possibility that unreported spills, or small spills over time, may have occurred and resulted in environmental impacts on Site.

During the Phase I Site reconnaissance, the GaiaTech inspector observed moderate petroleum accumulation and staining on the concrete floors throughout the manufacturing space. No previous sampling was conducted to assess potential impacts related to historical Site uses.

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Given that ECII was classified as a large quantity RCRA generator, the presence of floor staining, and suspect historical chemical uses, this investigation also assessed the potential for historical environmental releases from ECII's manufacturing operations in the following areas:

- *Waste Water Treatment Area*
- *Metal Shavings Separation and Storage Area*
- *Outside Metal Shavings Dumpsters*
- *Coolant Recovery/Recycling Area*

In addition, the Phase II assessed the overall baseline conditions of the Site (Historical Uses/Site-Wide Baseline Conditions) through subsurface soil samples collected outside the perimeter of the building.

A total of 16 borings were installed with only two being converted into temporary well points due to the lack of groundwater found in the borings. Twenty soil samples, including two surface water samples collected adjacent to the Storm Water Retention Pond were selectively analyzed for volatile organic compounds (VOCs), Semi-VOCs (SVOCs), total petroleum hydrocarbons (TPH), gasoline range organics and diesel range organics (GRO and DRO) and total Resource Conservation and Recovery Act (RCRA) metals. The two groundwater samples were analyzed for VOCs, SVOCs, TPH GRO & DRO and dissolved RCRA metals. The results of the Phase II investigation are as follows:

- **Historical On-Site Release**: Little evidence of residual petroleum was found in the area of this petroleum oil release. A low concentration of benzo(a)pyrene (an SVOC) and a low level concentration of selenium was detected in one soil sample (WP5) from the former oil spill remediation area above the protection of groundwater Preliminary Soil Remediation Goals (PSRG) and groundwater quality objectives (GQS) respectively. Given the relatively low concentrations and isolation of the detections, the detections are indicative that there are no significant residual petroleum impacts remaining.

- **Oily Sheen on Storm Water Retention Pond:** There is no evidence of TCE or petroleum release into the soil. Groundwater was not encountered.

- **Historical Operation - Former TCE Degreaser:** A low concentration of TCE (0.03 mg/kg) was detected in the former TCE degreaser area, above the PSRG for protection of groundwater of 0.018 mg/kg. The soil gas sample yielded elevated concentrations of chlorinated solvent compounds and associated degradation (breakdown) daughter compounds above the vapor ingestion screening levels in North Carolina. These detections indicate that a TCE solvent release into the subsurface beneath the building has occurred from the former degreasing operation.

- **ECII Manufacturing Operations:** Low levels of TPH DRO were detected at the Waste Water Treatment Area, Metal Shavings Separation and Storage Area Storage, and Outside Metal Shavings Dumpsters above the action levels related to non-UST petroleum releases. One (perched) water sample yielded a level of DRO (7,000 ug/L at

WP-8) above the GQS in North Carolina of 700 ug/l. The detection suggests that petroleum oil may have released into the subsurface during historical operations in these areas.

- **Historical Uses/Site-Wide Baseline Conditions**: No chemical releases were detected around the perimeter of the building. Low concentrations of arsenic in soil samples were detected in excess of the industrial PSRG and/or protection of groundwater PSRG. However, given the wide-spread nature of these detections, with no known historical usage or storage of arsenic at the Site, it is possible that the detections of arsenic represent background conditions of the Site.

In general, no shallow groundwater was encountered above the bedrock beneath the Site (only minor amounts of perched water were encountered at two locations), which would suggest a limited potential for migration of impacted groundwater. There is no groundwater ingestion risk as the water service of the facility is municipally supplied. No drinking water wells are present at the property.

Based on the results of the limited Phase II Site investigation, it appears that historical release(s) of chlorinated solvents has occurred related to the former TCE degreasing operations; and historical petroleum releases at the Waste Water Treatment Area, Metal Shavings Separation and Storage Area Storage, and Outside Metal Shavings Dumpsters have occurred. The relatively low concentrations of petroleum and solvent compounds identified in the soil, soil vapor or perched water (where present), and the isolated extent at which the compounds are found, indicate that the impacts are likely constrained within the property boundaries.

1.0 INTRODUCTION

Kirkland and Ellis LLP retained GaiaTech Incorporated (GaiaTech) on behalf of Engineered Controls International, LLC (ECIL) to conduct a limited Phase II Site investigation (Phase II) of the ECIL property located at 1239 Rock Creek Dairy Road, Whitsett, Guilford County, North Carolina herein referred to as the "Site" (Figure 1). The Phase II was conducted to investigate whether significant subsurface impacts are present in connection with past industrial operations conducted by ECII at the Site.

1.1 Site Description and Background

The Site consists of approximately 13.8 acres of land improved with an approximately 114,000-square-foot building. Asphalt and concrete-paved parking and access areas surround the Site building to the north, east, and south. Naturally vegetated and landscaped areas are located to the west of the Site building and along the northern and southern Site boundaries. The easternmost side of the Site is wooded. A drainage ditch is located along the western Site boundary (adjacent to Rock Creek Dairy Road) and wooded land and a storm water retention pond are located to the east of the Site building, beyond the asphalt paving. The Site building is divided between manufacturing, maintenance, tooling, warehouse, shipping, receiving, and administrative space.

From 1989 until August 2010, ECII operated at the Site as a manufacturer of valves and valve components for the Liquefied Petroleum (LP) gas industry. Prior to that, the Site was previously used a dairy farm (including several residences, a portion of a large dairy farm building, and various driveways and access roads) from at least 1955 until the mid-1970s when the residences and dairy farm building were removed. The Site remained undeveloped and appears to have been used for dairy farming until 1989 when the initial portion of the Site building was constructed for use by ECII. The Site building was expanded between 1993 and 1994 to its current configuration.

The surrounding area consisted largely of agricultural land and several associated residences, dairy farm buildings, driveways and access roads from at least 1955 through at least 1970. By the mid-1970s, several of the residences and dairy farm buildings were removed. The surrounding area remained used for agricultural purposes (with wooded land) through the early 1990s, when scattered commercial and industrial development of the area began. Scattered commercial/industrial development of the area has continued through the present. No obvious potential for environmental impact to the Site from current and historical uses of surrounding properties was identified.

1.2 Historical Recognized Environmental Conditions and Noteworthy Areas

GaiaTech completed a Phase I Environmental Site Assessment (Phase I ESA) in 2010 to evaluate historical uses of the property and to identify Recognized Environmental Conditions (RECs). The following Historical Recognized Environmental Condition (HREC) was identified during the Phase I ESA in connection with the Site:

- **Historical On-Site Release:** A release of virgin cutting oil was reported at the Site on September 10, 1997. The release occurred near an inside cutting oil

aboveground storage tank (AST) that was not equipped with secondary containment. The tank was overfilled and the excess cutting oil leaked through the expansion joint on the southwest corner of the building wall to the exterior soils.

Previous soil samples confirmed the presence of oil lubricant in the Site soils. It was determined that ECII had violated the Oil Pollution and Hazardous Substances Control Act of 1978. Impacted soils were subsequently removed from outside the building near the southeastern corner of the building (landscaping area and adjacent parking lot). Confirmatory soil samples were collected from the area and did not appear to indicate any further soil impact. A No Further Action letter was issued on January 12, 1998. Although some confirmatory soil samples had been collected and the incident appears to have been closed, there was a potential for some residual impact in the area.

The Phase I ESA also identified the following noteworthy areas at the site:

- **Oily Sheen on Storm Water Retention Pond:** A Storm Water Retention Pond had been present on site since 1995. Absorbent booms and a slight oily sheen were observed on the surface of the storm water retention pond. Given the presence of absorbent booms and oil sheen, and since storm water from the parking lot was discharged to the retention pond, there was a potential for surface and subsurface impact in the vicinity of the retention pond.

- **Historical Operations -TCE Degreaser:** ECII formerly utilized a TCE vapor degreaser for parts cleaning activities from 1989 until sometime before 1994 when it was removed. When this system was in operation, substantial amounts of TCE were used and stored on Site. No releases were reported by ECII; however, GaiaTech could not rule out the possibility that unreported spills, or small spills over time, may have occurred and resulted in environmental impacts on Site.

During the Phase I Site reconnaissance, the GaiaTech inspector observed moderate petroleum accumulation and staining on the concrete floors throughout the manufacturing space. No previous sampling was conducted to assess potential impacts related to historical Site uses. Therefore, given that ECII was classified as a large quantity RCRA generator, the presence of floor staining and suspect historical chemical use, the potential for historical environmental releases relating to ECII's manufacturing operations were also investigated as part of this assessment. The following noteworthy areas pertaining to ECII's manufacturing operations were evaluated during the Phase II ESA:

- *Waste Water Treatment Area* - ECII treated waste water in a small containment area near the southwest corner of the building. Within the containment area, a considerable amount of oil was observed on the floor surface. Historically, the wastewater generated at the site was formerly classified as hazardous due to the high lead content. Because of regulatory changes, the wastewater was re-classified as recyclable used oil, which reduced its apparent risk. There were unconfirmed reports that this area was not always surrounded by a lined containment structure.

- *Metal Shavings Separation and Storage Area* - In this area, cutting oils were separated from metal shavings prior to shavings removal from the Site via an overhead storage bin. Two pits were located in this area for the separation process. Oil appeared to be seeping from the concrete cracks in the adjacent retaining wall.

- *Outside Metal Shavings Dumpsters* - Some of the scrap metal and metal shavings produced by milling and machining were stored in covered outside metal storage dumpsters. There was visual evidence that oil drained from the dumpsters onto the surrounding concrete surfaces, which had numerous cracks that could facilitate subsurface migration and impact.

- *Coolant Recovery/Recycling Area* – ECII operated a coolant recovery system that was surrounded by a shallow trench. Overflow coolant was reportedly discharged to the trench, which was periodically sucked out and discharged to the wastewater treatment system. The trench and surrounding floor surfaces contained staining and coolant oils spilled from this process. Spills or releases from these areas were considered to have a potential to have impacted the subsurface

- *Historical Uses/Site Wide Conditions* – In addition to the area-specific investigations, the Phase II ESA was design to evaluate site-wide conditions though the investigation and analysis of the upgradient and downgradient groundwater monitoring wells surrounding the building.

1.3 Scope of Work

The Phase II Scope of Work (SOW) involved the advancement of soil borings in and around the HREC and other noteworthy areas of ECII's past manufacturing operations. The proposed SOW consisted of the installation of 14 soil borings/temporary wells and collection of soil and groundwater samples from each and the collection of two surface soil samples. As an integral part of completing the Phase II Scope of Work, the locations and number of the proposed samples/boring were modified based on field conditions and additional information. Actual location of the borings and surface soil sample were identified based on floor straining in locations associated with historic operations and by the Ground Penetrating Radar (GPR) survey. A total of 16 borings were installed with only two being converted into temporary well points. Twenty soil samples, including the two surface soil samples, were selectively analyzed for volatile organic compounds (VOCs), Semi-VOCs (SVOCs), total petroleum hydrocarbons (TPH), gasoline range organics and diesel range organics (GRO and DRO) and total Resource Conservation and Recovery Act (RCRA) metals. The 2 surface soil samples were also analyzed for pesticides. The two groundwater samples were analyzed for VOCs, SVOCs, TPH GRO/DRO and dissolved RCRA metals.

Borings were advanced and/or samples collected in the following locations:

- **Historical On-Site Release**: Two soil borings (WP-5 and WP-6) were advanced in the area of the previously reported release. The borings were converted to temporary wells. One soil sample from WP-5 and two soil samples from WP-6 were collected and analyzed. One groundwater sample was collected and analyzed from WP-5; WP-6 was dry. Soil samples were collected and analyzed for VOCs,

SVOCs and total RCRA metals and the groundwater sample was analyzed for VOCs and dissolved RCRA metals.

- **Oily Sheen on Storm Water Retention Pond**: One soil boring (WP-7) and two surface soil samples (SS-1 and SS-2) were collected and analyzed for VOCs, SVOCs, TPH GRO/DRO and total RCRA metals. No groundwater was encountered, so no wells were installed.

- **Historical Operation - Former TCE Degreaser:** Five soil borings (WP-11 to WP-15) were installed in the vicinity of the former degreaser (current paint booth). Soil samples were analyzed for VOCs, SVOCs, TPH GRO/DRO and total RCRA metals. No groundwater was found so no wells were installed. Instead, a soil gas (vapor) sample was collected and analyzed for VOCs to augment the soil results.

- **ECII Manufacturing Operations:** Three interior borings within the building (one northeast of coolant system - WP-16 and two in WWTP/wet chip loading dock area - WP-8 and WP-9, respectively) and one exterior boring (WP-10) were installed. A soil sample from each boring was submitted for laboratory analysis of VOCs, SVOCs, TPH GRO/DRO and total RCRA metals. Groundwater was only found in Boring WP-8, which was converted to a well and a groundwater sample was analyzed for VOCs, SVOCs, TPH GRO/DRO and dissolved RCRA metals.

- **Historical Uses/Site-Wide Conditions**: The original Scope of Work called for the installation of at least five groundwater wells around the building in addition to the area specific borings/wells. Four borings were installed (WP-1 through WP-4) throughout the building and the previously mentioned WP-7 at the Storm Water Retention Pond. But because of the lack of groundwater in the boreholes, none of the wells were installed, but soil samples were collected.

1.4 Geology and Hydrogeology

Review of the 7.5-minute topographic map of the area (*Gibsonville, North Carolina Quadrangle*, 1998) indicates that the Site is located at an approximate elevation of approximately 590 to 630 feet above mean sea level. The geologic map of North Carolina indicates that bedrock in the area consists of metamorphosed diorite or granite, which is consistent with the geology encountered at the Site.

During the GaiaTech's investigation, one to five feet of fill material or disturbed soils consisting of clay, sand and gravel was encountered. Underlying the fill material were soils derived from weather bedrock, which consisted of brown or brown and gray sand with gravel. Interbedded silty clay or silty sand is present in approximately 50% of the borings and extends to approximately 12 feet bgs (except in WP-1 to terminus). Bedrock or very compacted soils were encountered between 5 and 22 feet bgs in every borehole.

Shallow groundwater was generally not encountered at the Site between the groundsurface and the top of the bedrock surface. However, at two of the 16 boring locations limited quantities of perched water was encountered at depths of 3.5 and 12 feet bgs. The boring logs from this investigation are presented in Appendix A.

Shallow groundwater flow, if present, is assumed to mimic surface topography and flows toward the nearest body of water. The Site is situated on top of a hill with radial surface flow to the west, east and north. Based on the surrounding topography, shallow groundwater, where present, is expected to flow northeast or northwest towards Little Alamance Creek (3,000 feet to the north) or an unnamed intermittent creek located near the eastern property line.

2.0 SOIL INVESTIGATION

A total of 16 soil borings were installed with only two (2) of the borings being converted to temporary groundwater monitoring wells in locations of perched water, as no continuous groundwater was encountered above the bedrock in the other locations. Additionally, two surface/shallow soil samples were collected from the north end of the retention pond. A total 20 soil samples were selectively analyzed for VOCs, SVOCs, TPH GRO and DRO and total RCRA metals.

2.1 Methodology

Drilling and Sampling Activities

Prior to drilling activities, GaiaTech completed a subsurface utility clearance through North Carolina One Call Underground Protection Service. A private line locator (GPR) was also utilized to locate any potentially buried Site utilities near the proposed boring locations. The drilling contractor, Probe Technology, Inc., advanced and installed a total of 16 soil borings under the oversight of a GaiaTech Geologist. Two borings in which perched water was encountered were converted to temporary monitoring wells (as shown on Figure 2).

Each of the soil borings was advanced using a Geoprobe® sampling unit. Continuous soil samples were collected utilizing 5-foot stainless steel sampling tubes lined with acetate sample liners. Upon retrieval from the sampling tube, soil sample from each 5 foot interval was visually inspected for logging purposes and visible evidence of contamination. A small portion of each soil sample was placed into a plastic bag for field-screening (described further below) and classification prior to selecting a soil sample for laboratory analysis. Soil characteristics such as soil type, color, moisture, consistency, grain size, odor, and plasticity were recorded on soil boring logs. After the completion of each boring/temporary well, the boring was backfilled as described below. Borings located in paved areas, were either patched with asphalt or concrete to grade. Boring logs from the investigation are presented in Appendix A. Photographs of the Site and investigation activities are included as Appendix B.

Soil Screening and Logging

Soil samples were collected continuously. Each of the soil samples was screened for ionizable volatile organics contamination using a Mini-Rae photo-ionization detector (PID) equipped with a 10.6eV lamp, calibrated to a 100 volumetric parts per million (ppmv) isobutylene standards. Specific PID field screening procedures were as follows:

- The soil sample was placed in a sample bag.
- The soil boring number and sample depth was written on the sample bag.
- The sample was allowed to warm to ambient temperatures.
- The PID was utilized to draw the headspace from above the soil-air interface.
- The maximum PID reading was recorded on each respective soil boring log.

The field screening was used to provide an indication of the potential presence of VOCs to

aid in the selection of samples for laboratory analysis. A sample from each boring with the highest PID reading was selected for laboratory analysis.

Soil Sampling Collection

Select soil samples were collected for analysis for the presence of chemicals previously used at the site. The analysis was dependent on the location of the sample in relation to the Site operation and consisted of one or more of the following chemical analyses categories: VOCs, SVOCs, TPH GRO/DRO and total RCRA metals. Surface soil samples were also analyzed for pesticides. A few samples were also selected for chromium VI analysis.

All samples were placed in appropriate laboratory supplied bottles. The samples were then secured in a sample cooler and preserved with ice. Under strict sample chain-of-custody procedures, the samples were delivered to Environmental Science Corporation (ESC), a North Carolina Department of Environment and National Resources (NCDENR) accredited laboratory.

Decontamination and Restoration

Upon completion of soil boring and sampling activities, and between uses to avoid cross contamination, all downhole soil boring and non-dedicated sampling equipment was decontaminated using an Alconox®/water wash and scrubbing, followed by a water rinse. Once the last soil sample was collected and any temporary well pulled, the borehole was back-filled with bentonite and the surface was restored (to the extent feasible) to its original condition.

2.2 Soil Screening Standard

To determine if a HREC or noteworthy area has any historical releases, each sample result was screened against a published screening standard, typically established by the State in which the Site is located. For this Site, soil sample laboratory results were compared to the North Carolina Department of Environment and Natural Resources (NCDENR) Preliminary Soil Remediation Goals (PSRG), published for the Inactive Hazardous Sites Program. PSRGs are listed for residential and industrial properties as well as protection of groundwater. For this evaluation scenario, samples were compared to all three goals. In cases were petroleum impact was reported, detections were also compared to the NCDENR's action levels for non-UST petroleum releases, for industrial sites. The results of this investigation along with applicable PSRGs are listed in Table 1.

2.3 Soil Investigation Results

A total of 20 soil samples were collected for analysis. A summary of the soil analytical results is presented as Table 1, with the complete laboratory analytical reports included as Appendix C. The soil sample results are briefly described below:

- **Historical On-Site Release:** Two soil borings (WP-5 and WP-6) were installed to investigate this area. No obvious elevated PID readings, staining or odors were observed in this area. Soil samples were collected and analyzed for VOCs, SVOCs

and total RCRA metals.

The laboratory analytical results indicated that no VOCs were detected in excess of the PSRGs at the samples. One soil sample collected at WP-5 (6-8 feet) reported a concentration of benzo(a)pyrene in excess of the residential and protection of groundwater PSRG. Low levels of arsenic were detected at both samples in excess of the industrial PSRG. No other VOCs or metal impacts were detected.

- **Oily Sheen on Storm Water Retention Pond** - One boring (WP-7) was installed and two surface samples were collected to evaluate this area. No elevated PID readings, staining or odors were observed at these locations. Soil samples were collected and analyzed for VOCs, SVOCs, TPH GRO/DRO and total RCRA metals. The 2 surface soil samples were also analyzed for pesticides.

  The laboratory analytical results indicated that no VOCs, TPH GRO/DRO, SVOCs or metals, with the exception of arsenic, were detected in excess of the PSRGs. A low level of arsenic, slightly exceeding the industrial PSRG, was detected in sample WP-7.

- **Historical Operations - TCE Vapor Degreaser:** Five soil borings (WP-11 through WP-15) were installed to investigate this area. Solvent odors and moderate PID readings were detected in the soil samples of this area, with PID readings ranging from 4.6 to 102.8 ppmv. The highest PID readings were recorded in the borings nearest the former vapor degreaser. Soil samples were collected and selectively analyzed for VOCs, SVOCs, TPH GRO/DRO and total RCRA metals.

  The laboratory analytical results indicated that no TPH, SVOCs or metals, with the exception of arsenic, were detected in excess of the PSRGs. A concentration of TCE (0.03 mg/kg) was detected at one location by the paint booth in excess of the PSRG for the protection of groundwater. No other VOCs were detected. Arsenic was present at concentrations in excess of the industrial PSRG.

- **ECII Manufacturing Operations:**

  Waste Water Treatment Area Treatment – One Boring (WP-8) was installed to investigate this area. Slightly elevated PID readings (21 ppmv), oil odors and greenish staining were observed in this boring. The soil sample was collected and analyzed for VOCs, SVOCs, TPH GRO/DRO and total RCRA metals.

  The laboratory analytical results indicated that no VOCs, TPH GRO, SVOCs or metals were detected in excess of the PSRGs. However, a concentration of DRO was detected at 100 mg/kg, slightly above the action level related to non-UST petroleum releases.

  Metal Shavings Separation and Storage Areas – One boring (WP-9) was installed adjacent to the metals shavings separation area and wall staining. Slightly elevated PID readings (22 ppmv), oil odors and greenish staining were observed in the

boring. A soil sample was collected and analyzed for VOCs, SVOCs, TPH GRO/DRO and total RCRA metals.

The laboratory analytical results indicated that no VOCs, TPH GRO, SVOCs or metals were detected in excess of the PSRGs. However, concentrations of DRO were detected in excess of the action level related to non-UST petroleum releases.

Outside Metal Shavings Dumpsters – Boring (WP-10) was installed adjacent to the oily surface staining on the concrete pavement next to the outside metal shavings storage bins. Slightly elevated PID readings (10.5 ppmv), oil odors and greenish staining were observed in the borings. A soil sample was collected and analyzed for VOCs, SVOCs, TPH GRO/DRO and total RCRA metals.

The laboratory analytical results indicated that no VOCs, TPH GRO, SVOCs or metals were detected in excess of the PSRGs. However, concentrations of DRO were detected in excess of the action level related to non-UST petroleum releases.

Coolant Recovery Area - One boring (WP-16) was installed to investigate this area. No elevated PID readings, staining or odors were observed at this location. One soil sample was collected and analyzed for VOCs, SVOCs, TPH GRO/DRO and total RCRA metals.

The laboratory analytical results indicated that no VOCs, TPH GRO/DRO, SVOCs or metals were present in excess of the PSRGs.

- **Historical Usage/Site Wide Baseline Conditions:** Four borings (WP-1 though WP-4) were installed to assess the overall Site baseline conditions at the Site. Groundwater samples were originally proposed to be collected at the borings; however, due to the lack of groundwater above the bedrock surface, soil samples were collected at the base of each boring in lieu of the groundwater samples. No obvious elevated PID readings, staining or odors were observed in this area. Soil samples were collected and analyzed for VOCs, SVOCs and total RCRA metals.

  The laboratory analytical results indicated that no VOCs, SVOCs or the metals, except for arsenic were detected in excess of the PSRGs. Arsenic, however, was detected at all locations slightly above the industrial PSRG.

2.4 Discussion

The overall investigation results indicated that there were no active sources of soil contamination detected. The following noteworthy areas were determined to have historical releases to the surrounding soil:

- **Historical On-Site Release:** A detection of benzo(a)pyrene in sample (WP-5) from the former remediation area was above the protection of groundwater PSRGs. Given the relatively low concentrations in the soil sample and lack of groundwater impacts, the detection may not be indicative of significant impacts.

- **Historical Operations - TCE Vapor Degreaser**: Elevated PID readings were observed in the soil samples collected from the boring conducted around the former Degreaser. The concentration of TCE (0.03 mg/kg) detected in the soil sample (WP-14) was above the PSRG for protection of groundwater of 0.018 mg/kg. The detection of TCE and the elevated field screening of the samples indicate that a TCE solvent release into the subsurface beneath the building has occurred from the former degreasing operation.

- **ECII Manufacturing Operations**: The detection of DRO in samples (WP 8, WP-9 and WP-10) from the Waste Water Treatment Area, Metal Shavings Separation and Storage Area Storage, and Outside Metal Shavings Dumpsters above the non-UST TPH action level, suggests historical releases of petroleum in the areas.

The remaining noteworthy areas did not have historical releases to the soil, based on no detected VOCs, SVOCs, or metals, other than arsenic. Low concentrations of arsenic in soil samples across the site, ranging from 1.6 mg/kg to 6.1 mg/kg, were detected in excess of the industrial PSRG and/or protection of groundwater PSRG. These concentrations of arsenic may be representative of naturally-occurring background conditions, given their relatively low levels and lack of source.

3.0 SOIL VAPOR INVESTIGATION

Due to the general lack of groundwater above the bedrock surface, a soil gas sample was collected to augment the results of soil samples to further evaluate the potential solvent impact in the former TCE degreaser area. One temporary soil gas sampling point was installed and sampled in this area.

3.1 Sampling Methodology

A soil vapor point was installed by Geoprobe® to a depth of approximately 5 feet bgs. The vapor point was constructed of a 6-inch slotted screen at the base of the vapor point. The borehole annulus was sealed with bentonite and concrete to the ground surface. The top of the sampling point was fitted with a cap with a duel hose nipple. Teflon hosing was extended from the nipple to the screened area at the base of the vapor point. The cap was sealed over the top of the vapor point and additional hosing was extended to a hose valve. Additional Teflon hosing was attached from the hose valve to the valve of a 6-liter vacuum canister.

Prior to sampling, the internal air within the vapor point was purged with the PID running for 30 minutes. After purging the vapor point, the hose valve was shut off to prevent outside air entering the vapor point and the PID was removed from the hose valve. The vapor point was then allowed to recover prior to sampling. Then the hose was connected to the vacuum canister, equipped with a 30-minute flow valve. Both the hose and canister valves were then opened for a 30 minutes for sampling purposes. After sampling the valve was closed on the canister and the top of the vapor point sealed with concrete. The sample was submitted to the laboratory for VOC analysis via method TO-15.

3.2 Soil Vapor Standards

Soil gas samples were compared against the published residential and industrial/commercial NCDENR vapor intrusion screening levels (VISLs).

3.3 Sampling Results

The laboratory analytical results indicated that numerous VOCs were present in the sample. Specifically, several solvent based VOCs were detected that were in excess of the industrial/commercial NCDENR vapor intrusion screening levels (VISLs), including TCE and the degradation products bromodichloromethane, 1,2-dichloroethane, 1,1,2,3,4-hexachloro-1,3-butadiene, tetrachloroethene (PCE) and TCE. Chloroform was also detected in the samples. The highest reported concentrations were for PCE and TCE (Table 3).

3.4 Discussion

The presence of TCE and the degradation products of TCE detected in the soil gas sample indicates a release of TCE solvent to the subsurface from past operations.

4.0 GROUNDWATER INVESTIGATION

Although groundwater was generally not encountered in the borings installed at the Site, minor amounts of perched groundwater were encountered at two borings. Two temporary wells were installed to assess the groundwater conditions in these areas. The approximate locations of the borings/wells are shown on Figure 2. The complete soil boring logs/well construction diagrams are included as Appendix A.

4.1 Methodology

The temporary well points were screened to intercept the shallow groundwater table beneath the Site utilizing a 10-foot polyvinyl chloride (PVC) well screen. Modified low flow sampling techniques were utilized to collect groundwater samples from each well the use of a flow controlled submersible pump utilizing dedicated disposable plastic tubing. Approximately one to three gallons of water were purged from each well prior to sampling. Purging was considered complete when the water became relatively clear and free of sediment. Groundwater samples were collected following the purging of the well and transferred into the appropriate laboratory supplied bottles with proper preserves. Dissolved metals portion of the groundwater samples were analyzed after removing the fine particulates from water samples with a filter of a 0.45 μm pore size. All of the samples were then secured in a sample cooler and preserved with ice. Under strict sample chain-of-custody procedures, the samples were delivered to ESC, the certified laboratory.

4.2 Groundwater Screening Standards

Groundwater sample laboratory analytical results were compared to the NCDENR's Division of Water Quality's water quality standards listed under North Carolina Administrative Code (NCAC) Title 15A, Subchapter 2L. The results of this investigation along with applicable groundwater quality objectives (GQS) are listed in Table 2. The laboratory analytical report is provided in Appendix C.

4.3 Groundwater Investigation Results

Temporary well points were established at WP-5 and WP-8 where perched water was encountered above the bedrock surface. Two groundwater samples were collected and selectively analyzed for VOCs, SVOCs, TPH GRO/DRO and dissolved RCRA metals. A summary of the soil analytical results are presented on Table 2. A summary of the sampling results is summarized below for each HREC or noteworthy area:

- **Historical On-Site Release:** One temporary groundwater monitoring well (WP-5) was installed to investigate this area. The other sampling point, WP-6, was dry. Due to the limited perched groundwater only enough sample for analysis of VOCs and metals were collected from this well.

  The laboratory analytical results indicated that no VOCs were detected in excess of the GQS. Selenium (22 ug/L) was the only metal detected in excess of the GQS (20 ug/L).

- **ECII Manufacturing Operations:** *Waste Water Treatment Area* – One boring (WP-8) was installed to investigate this area. The groundwater collected from this area was observed to have an oily sheen. A groundwater sample was collected and analyzed for VOCs, SVOCs, TPH GRO/DRO and dissolved RCRA metals.

  The laboratory analytical results indicated that no VOCs, TPH GRO, SVOCs or metals that were detected in excess of the GQS. However, the concentration of DRO (7,000 ug/L) was above the GQS (700 ug/L).

Because of a lack of accessible perched water, groundwater samples were not collected in the other noteworthy areas.

4.4 Discussion

Although only limited groundwater was encountered above the bedrock surface at the Site, the overall investigation results indicated that no VOCs, SVOCs or TPH GRO were detected above the GQS.

- **Historical On-Site Release:** At WP-5, installed adjacent to the former soil remediation area (oil release), selenium was found to be slightly in excess of the GQS but given its isolation and low level concentration, its detection is not believed to be indicative of significant residual impacts.

- **ECII Manufacturing Operations:** *Waste Water Treatment Area* - The exceedance of TPH DRO above the GQS at WP-8 along with the observation of an oily sheen on the groundwater indicates that a release of petroleum had occurred in the past.

5.0 CONCLUSIONS

GaiaTech has completed the Limited Phase II Site Investigation at the Engineered Controls International, LLC Site located at 1239 Rock Creek Dairy Road, in Whitsett, North Carolina. A total 16 of soil borings/temporary wells were installed at the Site during the investigation. The lack of shallow groundwater prevented the installation of all but two temporary wells at the site.

Twenty soil samples, including two surface soil samples, were collected and selectively analyzed for VOCs, SVOCs, TPH GRO/DRO and total RCRA metals. The two groundwater samples were analyzed VOCs, SVOCs, TPH GRO/DRO and dissolved metals. A soil gas sample was collected from the former TCE degreaser area and analyzed for VOCs.

The conclusions of the Phase II investigation are as follows:

For the identified HREC:

- **Historical On-Site Release:** Low levels of benzo(a)pyrene (an SVOC) and selenium were detected in one soil sample (WP5) from the former oil spill remediation area, above the protection of groundwater PSRG and GQS respectively. There may be a small quantity of residual contaminated soil in the former oil spill area. However, given the relatively low concentrations and isolation of the detections, the results are not indicative of a significant petroleum impact remaining.

For the noteworthy areas identified in the Phase I report:

- **Oily Sheen on Storm Water Retention Pond:** No evidence of TCE or petroleum release into the soil at this location. Groundwater was not encountered.

- **Historical Operations - TCE Vapor Degreaser:** A low concentration of TCE (0.03 mg/kg) was detected in one soil sample (WP-14) collected from the former TCE degreaser area, above the PSRG for protection of groundwater. The soil gas sample yielded elevated concentrations of chlorinated solvent compounds and the breakdown daughter compounds above the vapor ingestion screening levels in North Carolina. The presence of TCE and breakdown daughter products in the soil and soil vapor indicates that a TCE solvent release has occurred into the subsurface beneath the building from the former degreasing operation. The areal extent of the TCE plume has not been delineated within the scope of this Limited Phase II Investigation, but based on lack of detected TCE in samples collected outside the borders of the former degreaser area, the release appears to be constrained within the limits of the Site.

For past operations at the Site that were not identified as HRECs or noteworthy areas in the Phase I:

- **ECII Manufacturing Operations:** Low levels of TPH DRO were detected at three boring locations (WP-8, WP-9 and WP-10) at the Waste Water Treatment Area,

Metal Shavings Separation and Storage Area Storage, and Outside Metal Shavings Dumpsters above the action levels related to non-UST petroleum releases. One (perched) water sample yielded a level of DRO (7,000 ug/L at WP-8) was above the North Carolina Groundwater Quality Standard (GQS). The detection suggests that petroleum oil may have released into the subsurface related to the historical operation in the areas. The areal extent of the petroleum release has not been delineated within the scope of this Limited Phase II investigation, but due to the lack of TPH-DRO detected in the borings outside the limits of two release areas, the petroleum impacts from this release appear to be constrained within the property boundary.

- **Historical Usage/Site Wide Conditions**: No VOCs, SVOCs, THP or metals, other than arsenic, were found in the perimeter building borings.

  Low levels of arsenic detected at several locations across the Site in excess of the PSRG may be representative of naturally-occurring background conditions, given their relatively low concentrations and lack of chemical source. These results are likely indicative of naturally occurring background conditions at the Site.

In general, no shallow groundwater was encountered above the bedrock beneath the Site (only minor amounts of perched water were encountered at two locations) that would suggest a limited potential for migration of impacted groundwater. There is no groundwater ingestion risk as the water service of the facility is municipally supplied. No drinking water wells are present at the property.

Based on the results of the limited Phase II Site investigation, it appears that a historical release(s) of chlorinated solvents has occurred at the former TCE degreasing operations and that historical petroleum releases have occurred at the Waste Water Treatment Area, Metal Shavings Separation and Storage Area Storage, and Outside Metal Shavings Dumpsters. The relatively low concentrations of petroleum and solvent compounds identified in the soil, soil vapor, or perched water (where present), and the isolated extent at which the compounds are found, suggest that the impacts are likely constrained within the property boundaries.

6.0 LIMITATIONS

This report is prepared for the sole benefit of Engineered Controls International, LLC and not be relied upon by any other person or entity. This report and the findings shall not, in whole or in part, be distributed or transmitted to any other party, nor used by any other party, without the prior written consent of GaiaTech and an authorized representative of Engineered Controls International, LLC.

GaiaTech has conducted these professional services in accordance with current scientific principles and industrial standards of practices in the fields of environmental science and engineering on the date the work was conducted and in the same geographical area of the subject Site for similar studies. GaiaTech's findings and recommendations must be considered as professional opinions based upon the limited data collected during the course of the environmental Site investigation, which is limited in time and scope. GaiaTech makes no warranty, express or implied.

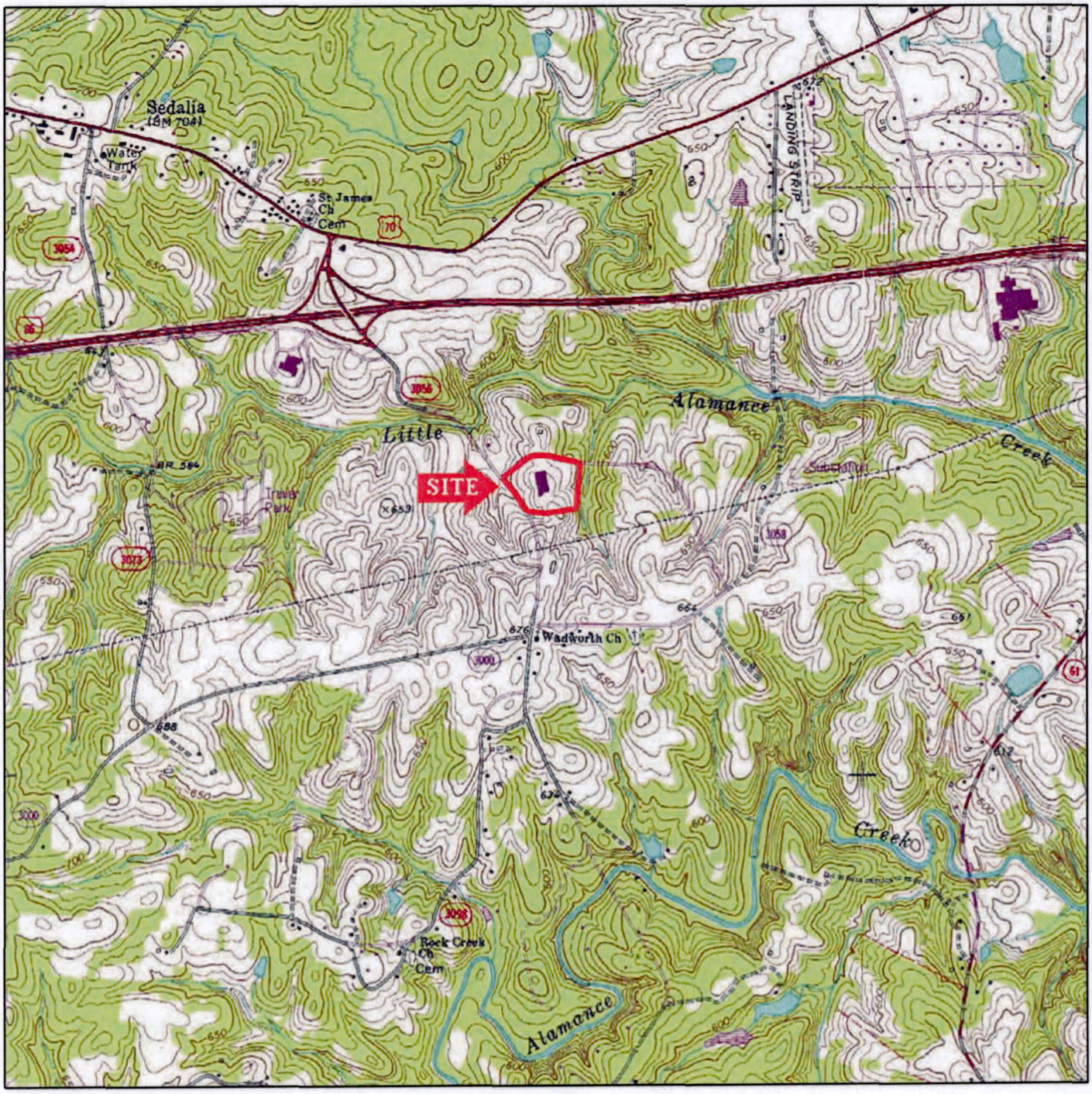
Only a limited number of soil and groundwater samples were collected from widely spaced soil borings. The variations among these samples and results may not become evident until further investigation. In the event that more data are available, it may be necessary to re-assess the conditions of the subject Site in order to revise the conclusions and recommendations contained in this report.

Independent laboratories have performed analytical laboratory analyses. GaiaTech has derived the findings and recommendations, in part, from the analytical reports. These findings are contingent upon the validity of the analytical reports.

Limited soil and groundwater samples were analyzed for specific parameters as detailed in the report. Other chemical compounds, which were not analyzed for, may exist at the Site, although unlikely based upon available information.

Figure 1

Site Location Map



Scale 1: 24 000

Contour Interval 10 Feet

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

Quadrangle Location

UNITED STATES GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR/USGS
GIBSONVILLE QUADRANGLE
NORTH CAROLINA
7.5 MINUTE SERIES (TOPOGRAPHIC)
1970
PHOTOREVISED 1994

Engineered Controls International, LLC
Whitsett, North Carolina
Project No. B1117-410-0

Site Location Map

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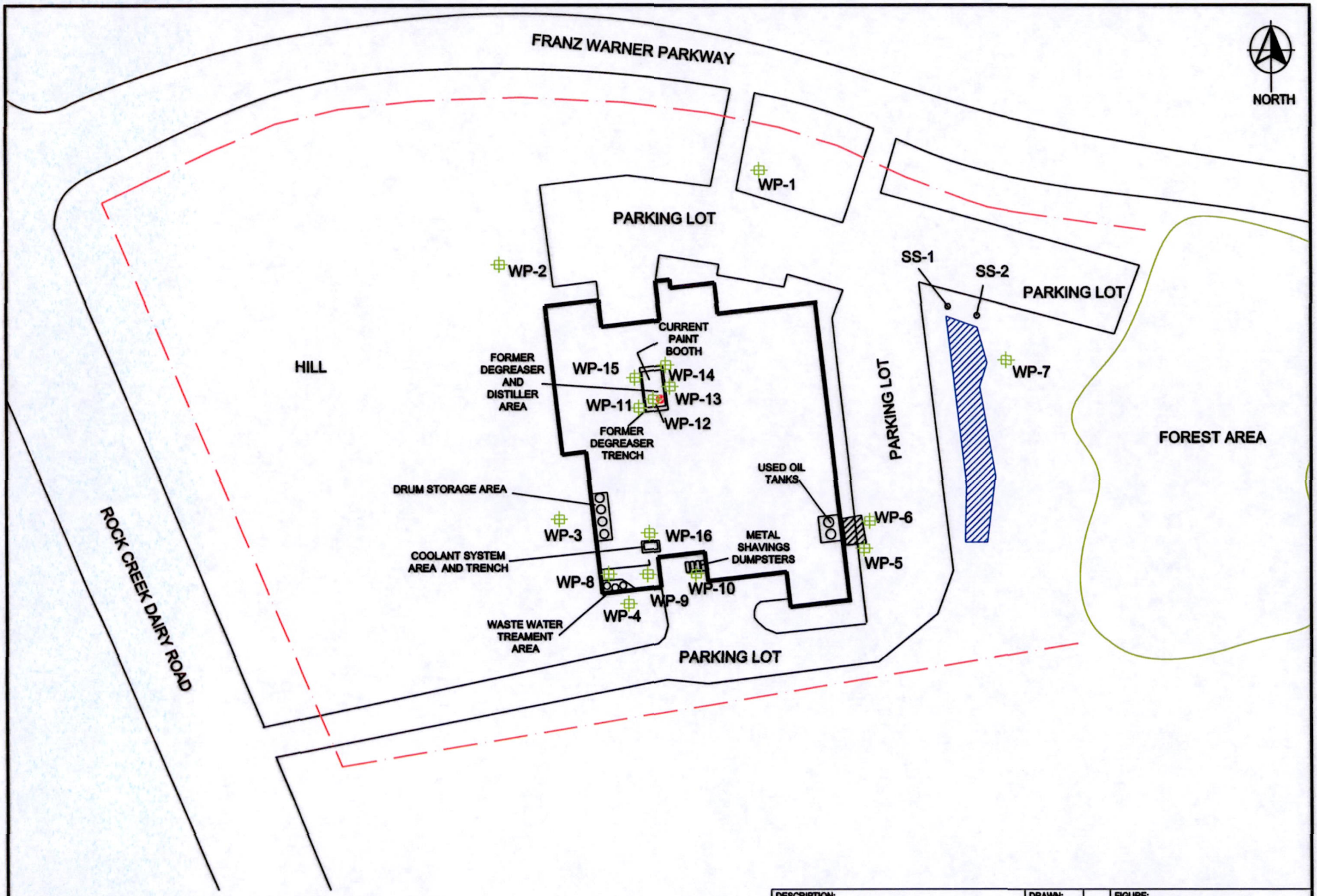
Figure 2

Site Layout with Boring Locations



LEGEND

- SITE BOUNDARY
- RETENTION POND
- FORMER SPILL AREA
- SOIL/GAS TEST LOC.
- BORING

DESCRIPTION:	DRAWN:	FIGURE:
Engineered Controls International 1239 Rock Creek Dairy Road Whitsett, North Carolina	RJ	SITE LAYOUT & BORING LOCATION MAP
	SCALE: NTS	
	DATE: 0/00/11	FILE: B1117-4104-0

GaiaTech

Table 1

Soil Analytical Results

Table - 1
Soil Analytical Results

Sample ID	Preliminary Soil Remediation Goals (PSRGs)			WP-1	WP-2	WP-3	WP-4	WP-5	WP-5	WP-6	WP-6	WP-7	WP-8	WP-9	WP-10	WP-11	WP-12	WP-13	WP-14	WP-15	WP-16	SS-1	SS-2
Sample Depth (ft)	Preliminary Residential	Preliminary Industrial	Protection of GW	21.5-23.5'	10-12'	13-15'	10-12'	6-8'	10.5-12.5'	3-5'	18-20'	6-8'	1.5-3'	1-3'	1-2'	3-5'	5-7'	5-6'	8-10'	3-5'	3-5'	Surface	Surface
Date Sampled				07/26/11	07/26/11	07/26/11	07/26/11	07/26/11	07/26/11	07/26/11	07/26/11	07/26/11	07/26/11	07/26/11	07/26/11	07/27/11	07/27/11	07/27/11	07/27/11	07/27/11	07/27/11	07/27/11	07/27/11
VOCs - Method 5035A/8260B	mg/kg			mg/kg																			
Trichloroethene	2.8	14	0.018	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0028	BDL	**0.03**	BDL	BDL	BDL	BDL
SVOCs - Method 8270C/8270D	mg/kg			mg/kg																			
Benzo (a) anthracene	NE	NE	NE	BDL	BDL	BDL	BDL	0.069	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzo (a) pyrene	0.015	0.21	0.059	BDL	BDL	BDL	BDL	**0.086**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzo (b) fluoranthene	0.15	2.1	0.6	BDL	BDL	BDL	BDL	0.12	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzo (k) fluoranthene	1.5	21	5.9	BDL	BDL	BDL	BDL	0.044	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chrysene	15	210	18	BDL	BDL	BDL	BDL	0.09	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Fluoranthene	460	4400	330	BDL	BDL	BDL	BDL	0.14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Phenanthrene	NE	NE	220	BDL	BDL	BDL	BDL	0.077	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Pyrene	340	3400	220	BDL	BDL	BDL	BDL	0.15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Total Petroleum Hydrocarbons - Method 8015D and 35-66/DRO	mg/kg			mg/kg																			
GRO (C5 - C12)	10*			NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
DRO (C10-C28)	40*			NA	NA	NA	NA	NA	NA	NA	NA	BDL	**100**	**200**	**2300**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Metals - Method 6010B/7471	mg/kg			mg/kg																			
Arsenic	0.39	1.6	5.8	**5.7**	**3.7**	**3.8**	**1.9**	**4.2**	**4.2**	**5.5**	**6.1**	**4.8**	BDL	BDL	BDL	BDL	**1.9**	**1.6**	BDL	BDL	BDL	BDL	BDL
Barium	3000	38000	580	140	150	120	210	79	88	210	230	76	68	57	170	150	150	200	180	81	79	110	110
Cadmium	14	160	3	1.4	0.66	0.73	1.5	1.2	1.4	1.4	1	0.94	BDL	BDL	BDL	BDL	BDL	BDL	0.58	BDL	BDL	BDL	BDL
Chromium III	24000	100000	36000	99	100	35	52	63	66	59	14	56	56	63	38	48	35	51	180	200	35	69	52
Chromium VI	0.29	5.6	3.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	NA	NA	NA
Mercury	2	3.1	1	*0.044*	BDL	BDL	BDL	0.029	0.03	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Lead	400	800	270	7.7	2.9	2.9	13	14	10	5.6	4.5	3.6	BDL	0.65	6.9	2.9	3	3.5	7	3	2.1	8.7	9.9
Selenium	78	1000	2.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7	**6.1**	**13**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Silver	78	1000	3.4	2.7	1.2	1.4	2.3	2	2.5	2.1	1.7	1.7	BDL	BDL	BDL	BDL	BDL	0.64	0.91	BDL	BDL	BDL	BDL
Pesticides - Method 8081A	mg/kg			mg/kg																			
All parameters	Varies	Varies	Varies	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL

Notes:
Samples analyzed at ESC Laboratories, Inc. in Mt Juliet, Tennessee; Only detected compounds are listed.
Soil criteria listed in NCDENR Inactive Hazardous Waste Sites preliminary soil remediation goals
BDL: Below Laboratory Detection Limit; NA: Not Analyzed
VOCs: Volatile organic compounds; SVOCs: Semi-Volatile organic compounds
mg/kg is approximately equivalent to parts per million (ppm).
Bold & shaded value indicate levels that exceed one or more residential or Industrial Soil Remediation criteria
Bold value only exceeds protection of groundwater value
Shaded value exceeds preliminary residential, industrial value or Action Level
NE - NOT ESTABLISHED; NA - NOT ANAYLZED
* Non-UST Program Action Levels

Table 2

Groundwater Analytical Results

Table - 2
Ground Water Analytical Results

Sample ID	Groundwater Quality Standards	WP-5	WP-8 (GP-8)
Date Sampled	GA Groundwater	07/27/11	07/26/11
VOCs - Method 5035A/8260B	ug/L	ug/L	
All Parameters	Varies	BDL	BDL
SVOCs - Method 8270C/8270D	ug/L	ug/L	
All Parameters	Varies	BDL	BDL
Total Petroleum Hydrocarbons - Method 8015D and 3546/DRO	ug/L	ug/L	
GRO (C-5 to C-12)	400 (C5 to C9) *	NA	BDL
DRO (C-10 - C28)	700 (C9 to C18)*	NA	**7,000**
Dissolved Metals - Method 6010B/7471	ug/L	ug/L	
Arsenic	10	BDL	BDL
Barium	700	45	19
Cadmium	2	BDL	BDL
Chromium	10	BDL	BDL
Mercury	15	BDL	BDL
Lead	1	BDL	BDL
Selenium	20	**22**	BDL
Silver	20	BDL	BDL

Notes:
Samples analyzed at ESC Laboratories, Inc. in Mt Juliet, Teneesee; Only detected compounds are listed.
Groundwater standards listed in NCDENR Title 15A Subchapter 2L Groundwater Quality Standards
BDL: Below Laboratory Detection Limit; NA: Not Analyzed
VOCs: Volatile organic compounds; SVOCs: Semi-Volatile organic compounds
ug/L is approximately equivalent to parts per billion (ppb).
Bold & shaded value indicate levels that exceeded Groundwater criteria
NE - NOT ESTABLISHED; NA - NOT ANALYZED
* not directly equivalent to analysis, C19 to C36 10,000 ppb

Table 3

Soil Vapor Results

Table - 3
Soil Vapor Analytical Results

Sample ID	North Carolina IHSB - vapor intrusion screening levels		SG-1
Date Sampled	Residential	Industial/ commercial	07/28/11
VOCs - Method TO-15	ng/L or ug/m3		ng/L or ug/m3
Acetone	64,000	280,000	98.69
Benzene	31	160	**42.35**
Bromodichloromethane	6.6	33	**263.53**
2-Butanone (MEK)	10,400	44,000	248.65
Carbon tetrachloride	41	82	4.87
Chloroform	11	53	**2254.85**
Cyclohexane	NE	NE	83.16
1,2-Dichlorobenzene	420	1,760	73.77
Dichlorodifluoromethane (Freon 12)	420	1,760	14.05
1,1-dichloroethane	150	770	38.15
1,2-Dichloroethane	9.4	47	**94.04**
1,1-Dichloroethene	420	1,760	**1,491.53**
trans -1,2-Dichloroethene	126	520	87.96
1,4-Dioxane	NE	NE	97.97
Ethanol	NE	NE	52.6
Ethyl acetate	NE	NE	24.64
Ethylbenzene	97	490	41.82
1,1,2,3,4,4-Hexachloro-1,3-Butadiene	11	56	**771.85**
Hexane	1,460	6,200	42.63
Isopropyl alcohol	NE	NE	28.37
Methylene chloride	520	2,600	**609.91**
Tetrachloroethene (PCE)	41	210	**7,808.02**
Tetrahydrofuran	NE	NE	58.76
1,1,1-Trichloroethane (TCA)	10,400	44,000	15.37
Trichloroethene (TCE)	120	610	**164,859.20**
Trichloromonofluoromethane	NE	NE	41.49
1,2,4-Trimethylbenzene	14.6	62	6.39
Toluene	10,400	44,000	495.95
m/p Xylenes	1,460	6,200	35.22
o-Xylene	1,460	6,200	106.31

Notes:
Samples analyzed at RTP Laboratories, Inc. in Raleigh, NC, only detected compounds are listed.
VOCs: Volatile organic compounds
ng/L is equivalent to ug/m3
Bold only value indicates levels that exceeded IHSB residential screening level, bold and shaded exceeded the indust. level
NE - NOT ESTABLISHED

Appendix A

Boring Logs

GaiaTech, Inc.
Environmental Planning for Business

Chicago, IL

GAIATECH BORING LOG - WP-1

(PAGE 1 TO 1)

Engineered Controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/26/11	Logged By	: Larry
Date/Time Completed	: 7/26/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 24 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	: 24 ft bgs	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Maco Core

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0	1		75	0.8	AR		6" topsoil, brown, clayey sand with gravel (FILL), no odor
2	2			0.7			
4							
6	3		70	0.9	CL		SILTY CLAY, dark brown, soft, moist, organic, no odor
8	4			0.5			
10	5		90	0.6	ML-CL		CLAYEY SILT, red, stiff, no odor, low plasticity
12							
14	6			0.9			
16	7		100	1.6	SM-SP		SILTY SAND with gravel, brown, compact, dry, no odor
18	8			1.7			
20	9		100	1.9	CL-SC		SILTY, SANDY CLAY, orange-brown, damp, no odor, low plasticity
22	10			1.9			
24							Weathered bedrock, meta-diorite
26							End of Boring: 24 ft - REFUSAL

Well: WP-1
Elev.:

12-21-2011 V:\Projects\B1117 ECII Whitsett, NC\B1117-410-0\Technical\Whitsett boring logs\WP-1.bor

GaiaTech, Inc.
Environmental Planning for Business

Chicago, IL

GAIATECH BORING LOG - WP-2

(PAGE 1 TO 1)

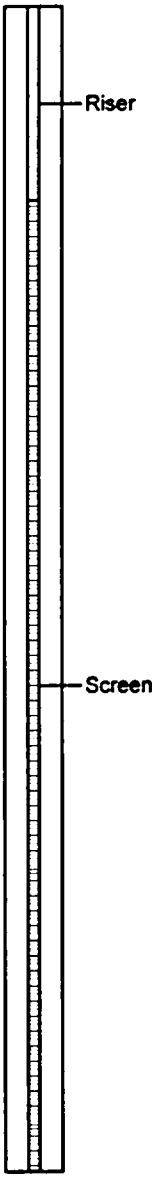
Engineered Controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/26/11	Logged By	: Larry
Date/Time Completed	: 7/26/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 12 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	: 12 ft bgs	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0	1		80	0.0	AR		6" brown topsoil underlain by grey crushed stone (FILL), no odor
2	2			0.0			
4	3		75	0.0	SP-GP		Brown and grey Sand and Gravel with rock pieces, dry, no odor, compact
6	4			0.0			
8	5		100	0.7			
10							
12							

End of Boring: 12 ft - REFUSAL

Well: WP-2
Elev.:



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GAIATECH BORING LOG - WP-3

(PAGE 1 TO 1)

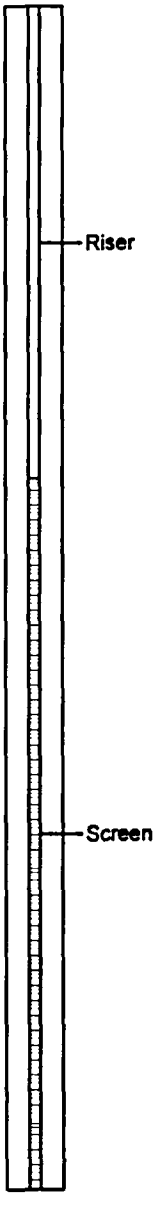
Engineered Controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/26/11	Logged By	: Larry
Date/Time Completed	: 7/26/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 15 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	: 15 ft bgs	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0	1		90	2.3	AR		6" topsoil underlain by brown silty clay with gravel (FILL), no odor
2	2			2.1	CL-ML		SILTY CLAY, brown, little sand, occasional sand seams, no odor
4							
6	3		100	2.0			
8	4			2.7	SP		SAND, little silt and gravel, brown, dry, no odor, occasional sand seems
10	5		100	2.8			
12							
14	6			3.0			
16							

End of Boring: 15 ft - REFUSAL

Well: WP-3
Elev.:



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Environmental Planning for Business

Chicago, IL

GAIATECH BORING LOG - WP-4

(PAGE 1 TO 1)

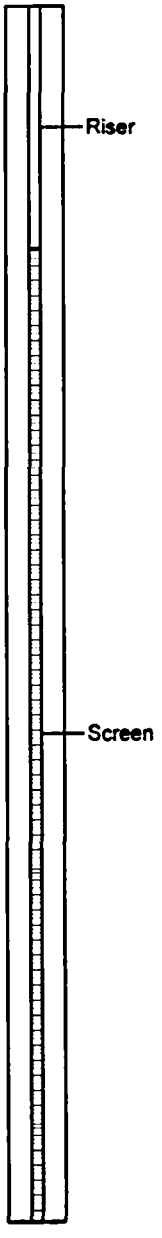
Engineered Controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/26/11	Logged By	: Larry
Date/Time Completed	: 7/26/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 12.5 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	: 12.5 ft bgs	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0	1		75	0.6	AR		Brown topsoil underlain by sand and gravel, little clay (FILL), no odor
2	2			0.7	SP-GP		SAND AND GRAVEL, brown, little clay and silt, compact, dry, no odor
4							
6	3		90	1.1			
8	4			1.2			
10	5		100	0.7			
12	6			0.6			Weathered bedrock - Meta-Diorite

End of Boring: 12.5 ft

Well: WP-4
Elev.:



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Environmental Planning for Business

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GAIATECH BORING LOG - WP-5

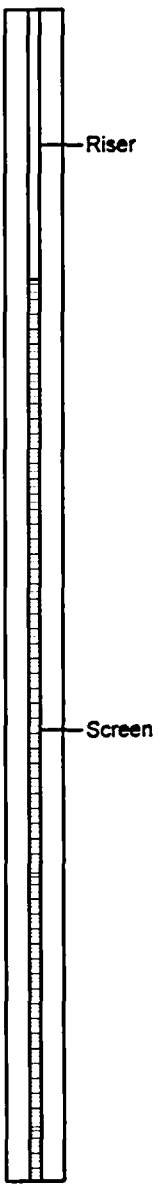
(PAGE 1 TO 1)

Engineered Controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/26/11	Logged By	: Larry
Date/Time Completed	: 7/26/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 13 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	: 13 ft bgs	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0	1		80	1.5	AR		3" asphalt underlain by sand and gravel and crushed stone (FILL), no odor
2	2			1.6	SC		SANDY CLAY, brown, little silt and gravel, potential fill, stiff, dry, no odor
4							
6	3		90	3.3	ML-CL		SILTY CLAY, greenish-grey, trace sand and gravel, stiff, slight odor
8	4			2.6	ML-CL		SILTY CLAY, orangish-brown, stiff, no odor
10	5		90	1.9	SP		SAND, brown and grey with bedrock pieces, compact, dry, no odor
12	6			2.8			Weathered bedrock, Meta-Diorite
14							End of Boring: 13 ft

Well: WP-5
Elev.:



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Chicago, IL

GAIATECH BORING LOG - WP-6

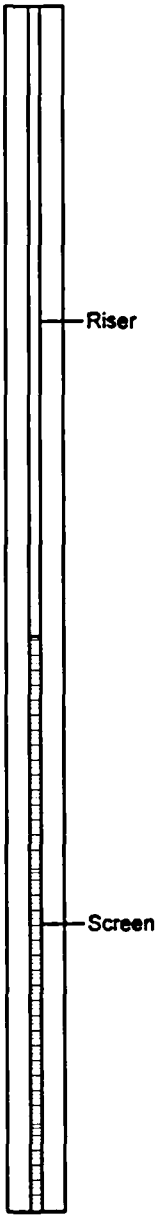
(PAGE 1 TO 1)

Engineered Controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/26/11	Logged By	: Larry
Date/Time Completed	: 7/26/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 21 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	: 21 ft bgs	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					AR		3" asphalt underlain by sand and gravel (FILL), no odor
	1		75	4.2	SC		SANDY CLAY, brown, little silt, occasional gravel, possible fill, no odor
2							
4	2			5.5			
6	3		85	4.6	SM		SILTY SAND, greenish-grey with clay and gravel, soft, moist, no odor
8	4			3.9	ML		CLAYEY SILT, orange-brown, little sand, stiff, no plasticity, no odor
10	5		100	2.8			
12							
14	6			1.6	SP		SAND, brown and grey with gravel (weathered bedrock), compact, dry, no odor
16	7		100	1.8			
18	8			1.7			
20	9		100	1.9			Weathered bedrock - Meta-Diorite
	10						
22							End of Boring: 21 ft - REFUSAL

Well: WP-6
Elev.:



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Chicago, IL

GAIATECH BORING LOG - WP-7

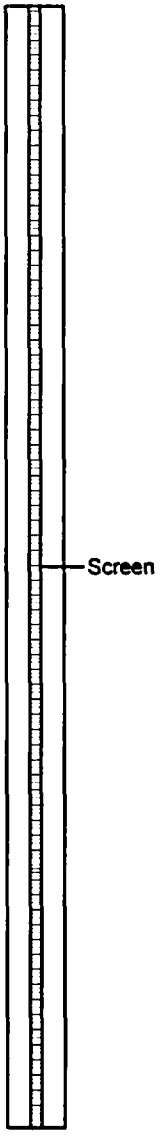
(PAGE 1 TO 1)

Engineered Controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/26/11	Logged By	: Larry
Date/Time Completed	: 7/26/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 8 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	:	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0	1		100	1.6	AR		4" topsoil underlain by brown silty clay, no odor, little sand, dry (FILL)
2	2			1.2	SC		SAND, brown, little gravel and occasional bedrock pieces (potential weathered rock), very dry, no odor
4							
6	3		100	2.1			
8							End of Boring: 8 ft

Well: WP-7
Elev.:



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Chicago, IL

GAIATECH BORING LOG - WP-8

(PAGE 1 TO 1)

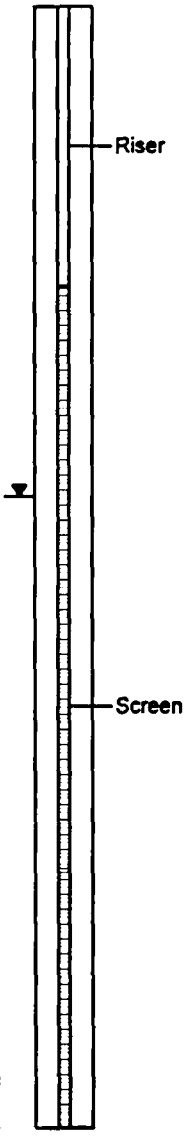
Engineered Controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/26/11	Logged By	: Larry
Date/Time Completed	: 7/26/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 8 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	: 8 ft bgs	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0							
	1		100	20.3	AR		6" concrete underlain by crushed stone (FILL), oil odor
2					SC		SAND, green, little gravel, oil odor, very compact to hard, stained
	2			21.9			
4							
6	3		100	10.9			
8							

End of Boring: 8 ft REFUSAL

Well: WP-8
Elev.:



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GAIATECH BORING LOG - WP-9

(PAGE 1 TO 1)

Engineered Controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/26/11	Logged By	: Larry
Date/Time Completed	: 7/26/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 5.166 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	:	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Well:
Elev.:

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					AR		6" concrete underlain by crushed stone and sand, oil odor
	1			22.3	SC		SAND and GRAVEL, green (stained), very compact, bedrock pieces, oil odor
2							
	2			22			
4							
6							
8							
10							

End of Boring: 5'2" - REFUSAL

12-21-2011 V:\Projects\B1117 ECII Whitsett, NC\B1117-410-0\Technical\Whitsett boring logs\WP-9.bor

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Chicago, IL

GAIATECH BORING LOG - WP-10

(PAGE 1 TO 1)

Engineered Controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/26/11	Logged By	: Larry
Date/Time Completed	: 7/26/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 4.5 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	:	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Well:
Elev.:

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					AR		6" concrete underlain by crushed stone (FILL), no odor
	1		100	10.5	SC		SAND and GRAVEL, green to brown, occasional rock pieces, oil odor and staining.
2							
	2			9.9			
4							
6							
8							
10							

End of Boring: 4.5 ft - REFUSAL

12-21-2011 V:\Projects\B1117 ECII Whitsett, NC\B1117-410-0\Technical\Whitsett boring logs\WP-10.bor

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GAIATECH BORING LOG - WP-11

(PAGE 1 TO 1)

Engineered Controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/27/11	Logged By	: Larry
Date/Time Completed	: 7/27/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 6 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	:	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Well:
Elev.:

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					AR		6" concrete underlain by crushed stone (FILL), no odor
	1		80	44.6	AR		SILTY CLAY, brown, occasional gravel (FILL), no odor
2							
	2			102.8	SP		SAND, brown, little gravel, very compact, slight odor
4							
	3		90	56.8			
6							End of Boring: 6 ft - REFUSAL
8							
10							

12-21-2011 V:\Projects\B1117 ECII Whitsett, NC\B1117-410-0\Technical\Whitsett boring logs\WP-11.bor

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GAIATECH BORING LOG - WP-12

(PAGE 1 TO 1)

Engineered Controls International, Inc.
Rock Creek Dairy Road
Witsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/27/11	Logged By	: Larry
Date/Time Completed	: 7/27/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 7 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	:	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Well:
Elev.:

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					AR		8" concrete underlain by crushed stone, no odor (FILL)
	1		80	41.7	CL		SANDY CLAY, brown, little gravel, solvent odor, dry
2					SP		SAND, brown, little gravel, very compact, dry, solvent odor
	2			66.6			
4							
6	3		100	84.6			
							End of Boring: 7 ft, REFUSAL
8							
10							

12-21-2011 V:\Projects\B1117 ECII Whitsett, NC\B1117-410-0\Technical\Whitsett boring logs\WP-12.bor

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GAIATECH BORING LOG - WP-13

(PAGE 1 TO 1)

Engineered Controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/27/11	Logged By	: Larry
Date/Time Completed	: 7/27/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 6.5 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	:	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Well:
Elev.:

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0	1		75	13.9	AR		6" concrete underlain by crushed stone (FILL), no odor
2	2			26.9	SP		SAND, brown, little gravel, very compact, dry, no odor
4							
6	3		80				
8							
10							

End of Boring: 6.5 ft

12-21-2011 V:\Projects\B1117 ECII Whitsett, NC\B1117-410-0\Technical\Whitsett boring logs\WP-13.bor

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GAIATECH BORING LOG - WP-14

(PAGE 1 TO 1)

Engineered Controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/27/11	Logged By	: Larry
Date/Time Completed	: 7/27/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 12 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	:	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Well:
Elev.:

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					AR		6" concrete underlain by crushed stone (FILL), no odor
	1		75	16.1	AR		SILTY CLAY, brown, little sand and gravel (FILL), no odor
2							
	2			17.5	SP-SC		CLAYEY SAND, brown, little gravel, several silty, sandy clay seams, very dry, compact, no odor
4							
	3		80	53.5			
6							
	4			74.4			
8							
	5		100	36.8			
10							
12							End of Boring: 12 ft, REFUSAL
14							

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GAIATECH BORING LOG - WP-15

(PAGE 1 TO 1)

Engineered controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/27/11	Logged By	: Larry
Date/Time Completed	: 7/27/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 5 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	:	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Well:
Elev.:

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					AR		7" concrete underlain by crushed stone, no odor (FILL)
	1		85	4.6	SC-GP		SAND and GRAVEL, greenish-brown, little clay, dry, very compact, no odor
2							
	2			10.5			
4							
							End of Boring: 5 ft
6							
8							
10							

12-21-2011 V:\Projects\B1117 ECII Whitsett, NC\B1117-410-0\Technical\Whitsett boring logs\WP-15.bor

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Environmental Planning for Business

Chicago, IL

GAIATECH BORING LOG - WP-16

(PAGE 1 TO 1)

Engineered Controls International, Inc.
Rock Creek Dairy Road
Whitsett, North Carolina
GaiaTech Project #B1117-420-0

FUNCTION INFORMATION			
Date/Time Started	: 7/27/11	Logged By	: Larry
Date/Time Completed	: 7/27/11	Drilling Method	: Geoprobe
Total Depth of Boring	: 8.5 ft bgs	Hole Diameter	: 2 inches
Total Depth of Well	:	Drilling Company	: Probe Technology Inc.
		Sampling Method	: Macro Core

Well:
Elev.:

Depth (ft)	Sample	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	Description
0					AR		6" concrete underlain by crushed stone, no odor (FILL)
	1		80	7.3	SC		SAND, brown, little gravel and clay, very compact, dry, no odor
2							
	2			8.6			
4							
6	3		100	8.5			
	4			7.6			
8							
10							

End of Boring: 8.5 ft - REFUSAL

12-21-2011 V:\Projects\B1117 ECII Whitsett, NC\B1117-410-0\Technical\Whitsett boring logs\WP-16.bor

Appendix B

Photographs

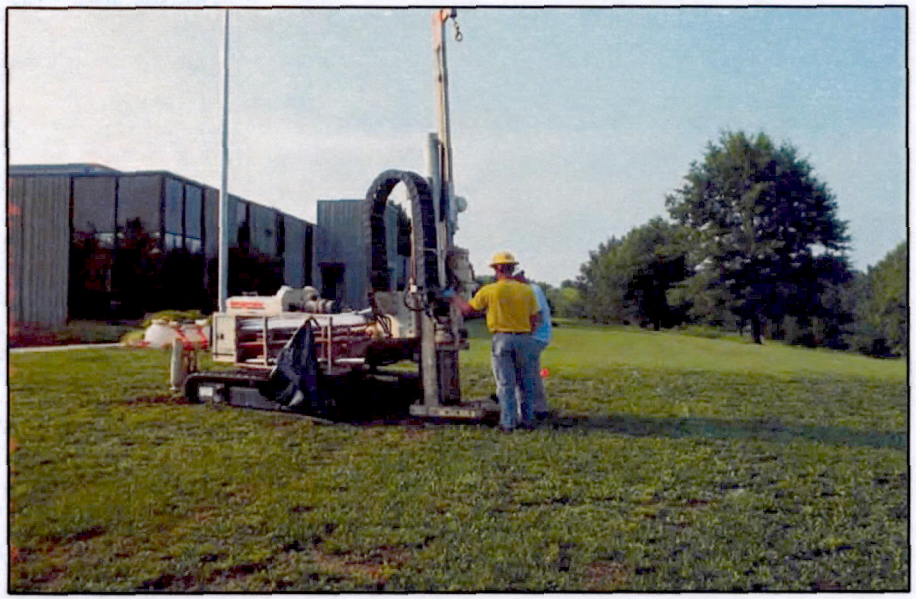

Photo 1: Looking south as WP-1 is installed.

Photo 2: Looking south as WP-2 is installed.

Photo 3: Looking east as WP-3 is installed.

Photo 4: Looking west as WP-5 is installed adjacent to former remediation excavation area.

Photo 5: Looking southwest as WP-7 is installed.

Photo 6: Looking towards staining weeping from the retaning wall adjacent to metal shavings collection area.

Photo 7: Looking east towards location of WP-10 and oil staining adjacent to metal shavings dumpsters.

Photo 8: Looking northwest as WP-11 is installed adjacent to former degreaser location.

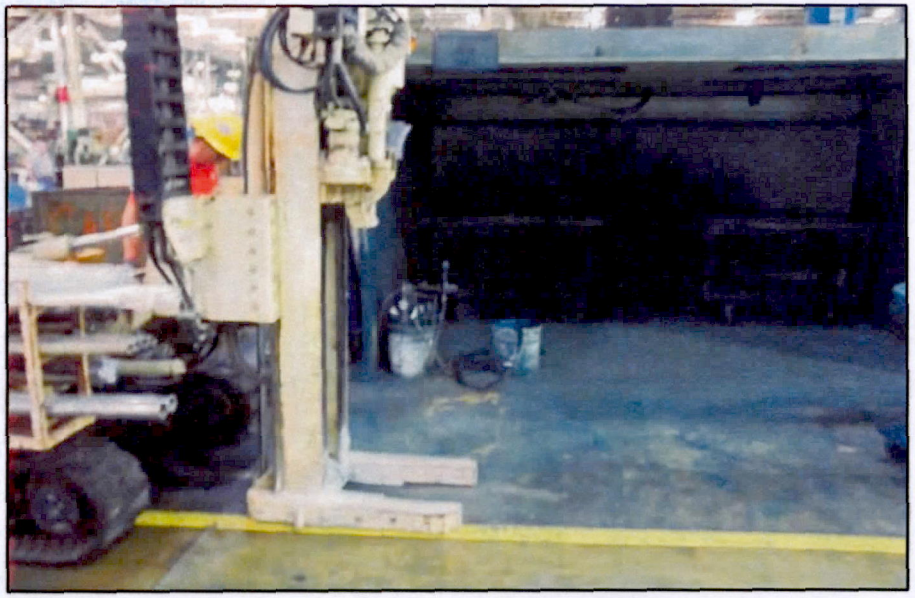

Photo 9: Looking south as WP-14 is installed adjacent to paint booth.

Photo 10: Looking west as WP-16 is installed.

Photo 11: Looking down as soil gas sample is collected from former degreaser location.

Appendix C

Laboratory Analytical Report

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

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

Report Summary

Thursday August 04, 2011

Report Number: L528053
Samples Received: 07/27/11
Client Project: B11174100

Description: Site Investigation

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: John Hawkins

John Hawkins , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140
NJ - TN002,NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A,
TX - T104704245, OK-9915

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Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

ESC
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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

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-01

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-1 21.5-23.5FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 08:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	68.		%	2540G	08/02/11	1
Mercury	0.044	0.029	mg/kg	7471	07/28/11	1
Arsenic	5.7	1.5	mg/kg	6010B	08/02/11	1
Barium	140	0.37	mg/kg	6010B	08/02/11	1
Cadmium	1.4	0.37	mg/kg	6010B	08/02/11	1
Chromium	99.	0.73	mg/kg	6010B	08/02/11	1
Lead	7.7	0.37	mg/kg	6010B	08/02/11	1
Selenium	BDL	1.5	mg/kg	6010B	08/02/11	1
Silver	2.7	0.73	mg/kg	6010B	08/02/11	1
Volatile Organics						
Acetone	BDL	3.0	mg/kg	8260B	07/28/11	40.5
Acrylonitrile	BDL	0.59	mg/kg	8260B	07/28/11	40.5
Benzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Bromobenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Bromodichloromethane	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Bromoform	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Bromomethane	BDL	0.30	mg/kg	8260B	07/28/11	40.5
n-Butylbenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
sec-Butylbenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
tert-Butylbenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Carbon tetrachloride	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Chlorobenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Chlorodibromomethane	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Chloroethane	BDL	0.30	mg/kg	8260B	07/28/11	40.5
2-Chloroethyl vinyl ether	BDL	3.0	mg/kg	8260B	07/28/11	40.5
Chloroform	BDL	0.30	mg/kg	8260B	07/28/11	40.5
Chloromethane	BDL	0.15	mg/kg	8260B	07/28/11	40.5
2-Chlorotoluene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
4-Chlorotoluene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,2-Dibromo-3-Chloropropane	BDL	0.30	mg/kg	8260B	07/28/11	40.5
1,2-Dibromoethane	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Dibromomethane	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,2-Dichlorobenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,3-Dichlorobenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,4-Dichlorobenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Dichlorodifluoromethane	BDL	0.30	mg/kg	8260B	07/28/11	40.5
1,1-Dichloroethane	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,2-Dichloroethane	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,1-Dichloroethene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
cis-1,2-Dichloroethene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
trans-1,2-Dichloroethene	BDL	0.059	mg/kg	8260B	07/28/11	40.5

Results listed are dry weight basis.
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Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-01

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-1 21.5-23.5FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 08:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,1-Dichloropropene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,3-Dichloropropane	BDL	0.059	mg/kg	8260B	07/28/11	40.5
cis-1,3-Dichloropropene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
trans-1,3-Dichloropropene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
2,2-Dichloropropane	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Di-isopropyl ether	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Ethylbenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Hexachloro-1,3-butadiene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Isopropylbenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
p-Isopropyltoluene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
2-Butanone (MEK)	BDL	0.59	mg/kg	8260B	07/28/11	40.5
Methylene Chloride	BDL	0.30	mg/kg	8260B	07/28/11	40.5
4-Methyl-2-pentanone (MIBK)	BDL	0.59	mg/kg	8260B	07/28/11	40.5
Methyl tert-butyl ether	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Naphthalene	BDL	0.30	mg/kg	8260B	07/28/11	40.5
n-Propylbenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Styrene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,1,1,2-Tetrachloroethane	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,1,2,2-Tetrachloroethane	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Tetrachloroethene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Toluene	BDL	0.30	mg/kg	8260B	07/28/11	40.5
1,2,3-Trichlorobenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,2,4-Trichlorobenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,1,1-Trichloroethane	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,1,2-Trichloroethane	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Trichloroethene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Trichlorofluoromethane	BDL	0.30	mg/kg	8260B	07/28/11	40.5
1,2,3-Trichloropropane	BDL	0.15	mg/kg	8260B	07/28/11	40.5
1,2,4-Trimethylbenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
1,3,5-Trimethylbenzene	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Vinyl chloride	BDL	0.059	mg/kg	8260B	07/28/11	40.5
Xylenes, Total	BDL	0.18	mg/kg	8260B	07/28/11	40.5
Surrogate Recovery						
Toluene-d8	107.		% Rec.	8260B	07/28/11	40.5
Dibromofluoromethane	101.		% Rec.	8260B	07/28/11	40.5
4-Bromofluorobenzene	104.		% Rec.	8260B	07/28/11	40.5
Base/Neutral Extractables						
Acenaphthene	BDL	0.048	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.048	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.048	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.49	mg/kg	8270D	08/01/11	1

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Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-01

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-1 21.5-23.5FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 08:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	BDL	0.048	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.048	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.048	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.048	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.048	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.49	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.49	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.49	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.49	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.048	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.49	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.048	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.048	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.49	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.49	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.49	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.048	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.048	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.49	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.49	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.49	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.49	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.048	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.49	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.048	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.49	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.49	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.49	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.49	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.048	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.49	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.49	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.49	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.49	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.49	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.49	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.048	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.49	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.49	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.49	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.49	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.49	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.49	mg/kg	8270D	08/01/11	1

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Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-01

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-1 21.5-23.5FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 08:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.49	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.49	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.49	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.49	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.49	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.49	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	33.2		% Rec.	8270D	08/01/11	1
Phenol-d5	35.3		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	44.3		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	53.7		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	30.1		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	38.3		% Rec.	8270D	08/01/11	1

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Reported: 08/03/11 17:31 Revised: 08/04/11 08:36

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
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Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-02

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-2 10-12FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 09:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.		%	2540G	08/03/11	1
Mercury	BDL	0.024	mg/kg	7471	07/28/11	1
Arsenic	3.2	1.2	mg/kg	6010B	08/02/11	1
Barium	150	0.30	mg/kg	6010B	08/02/11	1
Cadmium	0.66	0.30	mg/kg	6010B	08/02/11	1
Chromium	100	0.61	mg/kg	6010B	08/02/11	1
Lead	2.9	0.30	mg/kg	6010B	08/02/11	1
Selenium	BDL	1.2	mg/kg	6010B	08/02/11	1
Silver	1.2	0.61	mg/kg	6010B	08/02/11	1
Volatile Organics						
Acetone	BDL	2.4	mg/kg	8260B	07/28/11	39.5
Acrylonitrile	BDL	0.48	mg/kg	8260B	07/28/11	39.5
Benzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Bromobenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Bromodichloromethane	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Bromoform	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Bromomethane	BDL	0.24	mg/kg	8260B	07/28/11	39.5
n-Butylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
sec-Butylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
tert-Butylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Carbon tetrachloride	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Chlorobenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Chlorodibromomethane	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Chloroethane	BDL	0.24	mg/kg	8260B	07/28/11	39.5
2-Chloroethyl vinyl ether	BDL	2.4	mg/kg	8260B	07/28/11	39.5
Chloroform	BDL	0.24	mg/kg	8260B	07/28/11	39.5
Chloromethane	BDL	0.12	mg/kg	8260B	07/28/11	39.5
2-Chlorotoluene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
4-Chlorotoluene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,2-Dibromo-3-Chloropropane	BDL	0.24	mg/kg	8260B	07/28/11	39.5
1,2-Dibromoethane	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Dibromomethane	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,2-Dichlorobenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,3-Dichlorobenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,4-Dichlorobenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Dichlorodifluoromethane	BDL	0.24	mg/kg	8260B	07/28/11	39.5
1,1-Dichloroethane	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,2-Dichloroethane	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,1-Dichloroethene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
cis-1,2-Dichloroethene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
trans-1,2-Dichloroethene	BDL	0.048	mg/kg	8260B	07/28/11	39.5

Results listed are dry weight basis.
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REPORT OF ANALYSIS

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Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-02

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-2 10-12FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 09:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,1-Dichloropropene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,3-Dichloropropane	BDL	0.048	mg/kg	8260B	07/28/11	39.5
cis-1,3-Dichloropropene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
trans-1,3-Dichloropropene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
2,2-Dichloropropane	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Di-isopropyl ether	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Ethylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Hexachloro-1,3-butadiene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Isopropylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
p-Isopropyltoluene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
2-Butanone (MEK)	BDL	0.48	mg/kg	8260B	07/28/11	39.5
Methylene Chloride	BDL	0.24	mg/kg	8260B	07/28/11	39.5
4-Methyl-2-pentanone (MIBK)	BDL	0.48	mg/kg	8260B	07/28/11	39.5
Methyl tert-butyl ether	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Naphthalene	BDL	0.24	mg/kg	8260B	07/28/11	39.5
n-Propylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Styrene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,1,1,2-Tetrachloroethane	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,1,2,2-Tetrachloroethane	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Tetrachloroethene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Toluene	BDL	0.24	mg/kg	8260B	07/28/11	39.5
1,2,3-Trichlorobenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,2,4-Trichlorobenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,1,1-Trichloroethane	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,1,2-Trichloroethane	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Trichloroethene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Trichlorofluoromethane	BDL	0.24	mg/kg	8260B	07/28/11	39.5
1,2,3-Trichloropropane	BDL	0.12	mg/kg	8260B	07/28/11	39.5
1,2,4-Trimethylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
1,3,5-Trimethylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Vinyl chloride	BDL	0.048	mg/kg	8260B	07/28/11	39.5
Xylenes, Total	BDL	0.14	mg/kg	8260B	07/28/11	39.5
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	07/28/11	39.5
Dibromofluoromethane	100.		% Rec.	8260B	07/28/11	39.5
4-Bromofluorobenzene	100.		% Rec.	8260B	07/28/11	39.5
Base/Neutral Extractables						
Acenaphthene	BDL	0.040	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.040	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.040	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.40	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-02

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-2 10-12FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 09:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	BDL	0.040	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.040	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.040	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.040	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.040	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.40	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.40	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.40	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.40	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.040	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.40	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.040	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.040	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.40	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.40	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.40	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.040	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.040	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.40	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.40	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.40	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.40	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.040	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.40	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.040	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.40	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.40	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.40	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.40	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.040	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.40	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.40	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.40	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.40	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.40	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.40	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.040	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.40	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.40	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.40	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.40	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.40	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.40	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-02

Date Received : July 27, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-2 10-12FT

Project # : B11174100

Collected By : Larry Bertsch
Collection Date : 07/26/11 09:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.40	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.40	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.40	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.40	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.40	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.40	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	74.8		% Rec.	8270D	08/01/11	1
Phenol-d5	91.6		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	66.3		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	78.6		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	81.6		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	74.8		% Rec.	8270D	08/01/11	1

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Reported: 08/03/11 17:31 Revised: 08/04/11 08:36

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
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Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-03

Date Received : July 27, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-3 13-15FT

Project # : B11174100

Collected By : Larry Bertsch
Collection Date : 07/26/11 09:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	91.		%	2540G	08/03/11	1
Mercury	BDL	0.022	mg/kg	7471	07/28/11	1
Arsenic	3.8	1.1	mg/kg	6010B	08/02/11	1
Barium	120	0.27	mg/kg	6010B	08/02/11	1
Cadmium	0.73	0.27	mg/kg	6010B	08/02/11	1
Chromium	35.	0.55	mg/kg	6010B	08/02/11	1
Lead	2.9	0.27	mg/kg	6010B	08/02/11	1
Selenium	BDL	1.1	mg/kg	6010B	08/02/11	1
Silver	1.4	0.55	mg/kg	6010B	08/02/11	1
Volatile Organics						
Acetone	BDL	2.3	mg/kg	8260B	07/28/11	41.5
Acrylonitrile	BDL	0.46	mg/kg	8260B	07/28/11	41.5
Benzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Bromobenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Bromodichloromethane	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Bromoform	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Bromomethane	BDL	0.23	mg/kg	8260B	07/28/11	41.5
n-Butylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
sec-Butylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
tert-Butylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Carbon tetrachloride	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Chlorobenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Chlorodibromomethane	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Chloroethane	BDL	0.23	mg/kg	8260B	07/28/11	41.5
2-Chloroethyl vinyl ether	BDL	2.3	mg/kg	8260B	07/28/11	41.5
Chloroform	BDL	0.23	mg/kg	8260B	07/28/11	41.5
Chloromethane	BDL	0.11	mg/kg	8260B	07/28/11	41.5
2-Chlorotoluene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
4-Chlorotoluene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,2-Dibromo-3-Chloropropane	BDL	0.23	mg/kg	8260B	07/28/11	41.5
1,2-Dibromoethane	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Dibromomethane	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,2-Dichlorobenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,3-Dichlorobenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,4-Dichlorobenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Dichlorodifluoromethane	BDL	0.23	mg/kg	8260B	07/28/11	41.5
1,1-Dichloroethane	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,2-Dichloroethane	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,1-Dichloroethene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
cis-1,2-Dichloroethene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
trans-1,2-Dichloroethene	BDL	0.046	mg/kg	8260B	07/28/11	41.5

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-03

Date Received : July 27, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-3 13-15FT

Project # : B11174100

Collected By : Larry Bertsch
Collection Date : 07/26/11 09:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,1-Dichloropropene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,3-Dichloropropane	BDL	0.046	mg/kg	8260B	07/28/11	41.5
cis-1,3-Dichloropropene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
trans-1,3-Dichloropropene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
2,2-Dichloropropane	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Di-isopropyl ether	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Ethylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Hexachloro-1,3-butadiene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Isopropylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
p-Isopropyltoluene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
2-Butanone (MEK)	BDL	0.46	mg/kg	8260B	07/28/11	41.5
Methylene Chloride	BDL	0.23	mg/kg	8260B	07/28/11	41.5
4-Methyl-2-pentanone (MIBK)	BDL	0.46	mg/kg	8260B	07/28/11	41.5
Methyl tert-butyl ether	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Naphthalene	BDL	0.23	mg/kg	8260B	07/28/11	41.5
n-Propylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Styrene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,1,1,2-Tetrachloroethane	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,1,2,2-Tetrachloroethane	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Tetrachloroethene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Toluene	BDL	0.23	mg/kg	8260B	07/28/11	41.5
1,2,3-Trichlorobenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,2,4-Trichlorobenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,1,1-Trichloroethane	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,1,2-Trichloroethane	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Trichloroethene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Trichlorofluoromethane	BDL	0.23	mg/kg	8260B	07/28/11	41.5
1,2,3-Trichloropropane	BDL	0.11	mg/kg	8260B	07/28/11	41.5
1,2,4-Trimethylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
1,3,5-Trimethylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Vinyl chloride	BDL	0.046	mg/kg	8260B	07/28/11	41.5
Xylenes, Total	BDL	0.14	mg/kg	8260B	07/28/11	41.5
Surrogate Recovery						
Toluene-d8	107.		% Rec.	8260B	07/28/11	41.5
Dibromofluoromethane	99.9		% Rec.	8260B	07/28/11	41.5
4-Bromofluorobenzene	102.		% Rec.	8260B	07/28/11	41.5
Base/Neutral Extractables						
Acenaphthene	BDL	0.036	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.036	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.36	mg/kg	8270D	08/01/11	1

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REPORT OF ANALYSIS

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Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-03

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-3 13-15FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 09:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.036	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.36	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.36	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.36	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.36	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.036	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.36	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.036	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.036	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.36	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.36	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.36	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.036	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.036	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.36	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.36	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.36	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.36	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.036	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.36	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.036	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.36	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.36	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.36	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.36	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.036	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.36	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.36	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.36	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-03

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-3 13-15FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 09:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	67.6		% Rec.	8270D	08/01/11	1
Phenol-d5	79.7		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	58.4		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	67.3		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	67.1		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	62.9		% Rec.	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 08/03/11 17:31 Revised: 08/04/11 08:36

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REPORT OF ANALYSIS

Larry Bertsch
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Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-04

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-4 10-12FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 10:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	77.		%	2540G	08/03/11	1
Mercury	BDL	0.026	mg/kg	7471	07/28/11	1
Arsenic	1.9	1.3	mg/kg	6010B	08/02/11	1
Barium	210	0.33	mg/kg	6010B	08/02/11	1
Cadmium	1.5	0.33	mg/kg	6010B	08/02/11	1
Chromium	5.2	0.65	mg/kg	6010B	08/02/11	1
Lead	13.	0.33	mg/kg	6010B	08/02/11	1
Selenium	BDL	1.3	mg/kg	6010B	08/02/11	1
Silver	2.3	0.65	mg/kg	6010B	08/02/11	1
Volatile Organics						
Acetone	BDL	2.7	mg/kg	8260B	07/28/11	41
Acrylonitrile	BDL	0.54	mg/kg	8260B	07/28/11	41
Benzene	BDL	0.054	mg/kg	8260B	07/28/11	41
Bromobenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
Bromodichloromethane	BDL	0.054	mg/kg	8260B	07/28/11	41
Bromoform	BDL	0.054	mg/kg	8260B	07/28/11	41
Bromomethane	BDL	0.27	mg/kg	8260B	07/28/11	41
n-Butylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
sec-Butylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
tert-Butylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
Carbon tetrachloride	BDL	0.054	mg/kg	8260B	07/28/11	41
Chlorobenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
Chlorodibromomethane	BDL	0.054	mg/kg	8260B	07/28/11	41
Chloroethane	BDL	0.27	mg/kg	8260B	07/28/11	41
2-Chloroethyl vinyl ether	BDL	2.7	mg/kg	8260B	07/28/11	41
Chloroform	BDL	0.27	mg/kg	8260B	07/28/11	41
Chloromethane	BDL	0.13	mg/kg	8260B	07/28/11	41
2-Chlorotoluene	BDL	0.054	mg/kg	8260B	07/28/11	41
4-Chlorotoluene	BDL	0.054	mg/kg	8260B	07/28/11	41
1,2-Dibromo-3-Chloropropane	BDL	0.27	mg/kg	8260B	07/28/11	41
1,2-Dibromoethane	BDL	0.054	mg/kg	8260B	07/28/11	41
Dibromomethane	BDL	0.054	mg/kg	8260B	07/28/11	41
1,2-Dichlorobenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
1,3-Dichlorobenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
1,4-Dichlorobenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
Dichlorodifluoromethane	BDL	0.27	mg/kg	8260B	07/28/11	41
1,1-Dichloroethane	BDL	0.054	mg/kg	8260B	07/28/11	41
1,2-Dichloroethane	BDL	0.054	mg/kg	8260B	07/28/11	41
1,1-Dichloroethene	BDL	0.054	mg/kg	8260B	07/28/11	41
cis-1,2-Dichloroethene	BDL	0.054	mg/kg	8260B	07/28/11	41
trans-1,2-Dichloroethene	BDL	0.054	mg/kg	8260B	07/28/11	41

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-04

Date Received : July 27, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-4 10-12FT

Project # : B11174100

Collected By : Larry Bertsch
Collection Date : 07/26/11 10:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.054	mg/kg	8260B	07/28/11	41
1,1-Dichloropropene	BDL	0.054	mg/kg	8260B	07/28/11	41
1,3-Dichloropropane	BDL	0.054	mg/kg	8260B	07/28/11	41
cis-1,3-Dichloropropene	BDL	0.054	mg/kg	8260B	07/28/11	41
trans-1,3-Dichloropropene	BDL	0.054	mg/kg	8260B	07/28/11	41
2,2-Dichloropropane	BDL	0.054	mg/kg	8260B	07/28/11	41
Di-isopropyl ether	BDL	0.054	mg/kg	8260B	07/28/11	41
Ethylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
Hexachloro-1,3-butadiene	BDL	0.054	mg/kg	8260B	07/28/11	41
Isopropylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
p-Isopropyltoluene	BDL	0.054	mg/kg	8260B	07/28/11	41
2-Butanone (MEK)	BDL	0.54	mg/kg	8260B	07/28/11	41
Methylene Chloride	BDL	0.27	mg/kg	8260B	07/28/11	41
4-Methyl-2-pentanone (MIBK)	BDL	0.54	mg/kg	8260B	07/28/11	41
Methyl tert-butyl ether	BDL	0.054	mg/kg	8260B	07/28/11	41
Naphthalene	BDL	0.27	mg/kg	8260B	07/28/11	41
n-Propylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
Styrene	BDL	0.054	mg/kg	8260B	07/28/11	41
1,1,1,2-Tetrachloroethane	BDL	0.054	mg/kg	8260B	07/28/11	41
1,1,2,2-Tetrachloroethane	BDL	0.054	mg/kg	8260B	07/28/11	41
Tetrachloroethene	BDL	0.054	mg/kg	8260B	07/28/11	41
Toluene	BDL	0.27	mg/kg	8260B	07/28/11	41
1,2,3-Trichlorobenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
1,2,4-Trichlorobenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
1,1,1-Trichloroethane	BDL	0.054	mg/kg	8260B	07/28/11	41
1,1,2-Trichloroethane	BDL	0.054	mg/kg	8260B	07/28/11	41
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.054	mg/kg	8260B	07/28/11	41
Trichloroethene	BDL	0.054	mg/kg	8260B	07/28/11	41
Trichlorofluoromethane	BDL	0.27	mg/kg	8260B	07/28/11	41
1,2,3-Trichloropropane	BDL	0.13	mg/kg	8260B	07/28/11	41
1,2,4-Trimethylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
1,3,5-Trimethylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	41
Vinyl chloride	BDL	0.054	mg/kg	8260B	07/28/11	41
Xylenes, Total	BDL	0.16	mg/kg	8260B	07/28/11	41
Surrogate Recovery						
Toluene-d8	108.		% Rec.	8260B	07/28/11	41
Dibromofluoromethane	102.		% Rec.	8260B	07/28/11	41
4-Bromofluorobenzene	107.		% Rec.	8260B	07/28/11	41
Base/Neutral Extractables						
Acenaphthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.043	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.44	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-04

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-4 10-12FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 10:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.44	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.44	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.44	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.44	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.043	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.44	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.043	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.44	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.44	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.44	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.043	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.44	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.44	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.44	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.44	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.44	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.043	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.44	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.44	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.44	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.44	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.44	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.44	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.44	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-04

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-4 10-12FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 10:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	57.0		% Rec.	8270D	08/01/11	1
Phenol-d5	67.7		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	53.6		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	66.9		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	53.9		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	59.0		% Rec.	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 08/03/11 17:31 Revised: 08/04/11 08:36

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REPORT OF ANALYSIS

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August 04,2011

ESC Sample # : L528053-05

Date Received : July 27, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-5 6-8FT

Project # : B11174100

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	85.		%	2540G	08/03/11	1
Mercury	0.029	0.024	mg/kg	7471	07/28/11	1
Arsenic	4.2	1.2	mg/kg	6010B	08/02/11	1
Barium	79.	0.29	mg/kg	6010B	08/02/11	1
Cadmium	1.2	0.29	mg/kg	6010B	08/02/11	1
Chromium	63.	0.59	mg/kg	6010B	08/02/11	1
Lead	14.	0.29	mg/kg	6010B	08/02/11	1
Selenium	BDL	1.2	mg/kg	6010B	08/02/11	1
Silver	2.0	0.59	mg/kg	6010B	08/02/11	1
Volatile Organics						
Acetone	BDL	2.2	mg/kg	8260B	07/28/11	37
Acrylonitrile	BDL	0.44	mg/kg	8260B	07/28/11	37
Benzene	BDL	0.044	mg/kg	8260B	07/28/11	37
Bromobenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
Bromodichloromethane	BDL	0.044	mg/kg	8260B	07/28/11	37
Bromoform	BDL	0.044	mg/kg	8260B	07/28/11	37
Bromomethane	BDL	0.22	mg/kg	8260B	07/28/11	37
n-Butylbenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
sec-Butylbenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
tert-Butylbenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
Carbon tetrachloride	BDL	0.044	mg/kg	8260B	07/28/11	37
Chlorobenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
Chlorodibromomethane	BDL	0.044	mg/kg	8260B	07/28/11	37
Chloroethane	BDL	0.22	mg/kg	8260B	07/28/11	37
2-Chloroethyl vinyl ether	BDL	2.2	mg/kg	8260B	07/28/11	37
Chloroform	BDL	0.22	mg/kg	8260B	07/28/11	37
Chloromethane	BDL	0.11	mg/kg	8260B	07/28/11	37
2-Chlorotoluene	BDL	0.044	mg/kg	8260B	07/28/11	37
4-Chlorotoluene	BDL	0.044	mg/kg	8260B	07/28/11	37
1,2-Dibromo-3-Chloropropane	BDL	0.22	mg/kg	8260B	07/28/11	37
1,2-Dibromoethane	BDL	0.044	mg/kg	8260B	07/28/11	37
Dibromomethane	BDL	0.044	mg/kg	8260B	07/28/11	37
1,2-Dichlorobenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
1,3-Dichlorobenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
1,4-Dichlorobenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
Dichlorodifluoromethane	BDL	0.22	mg/kg	8260B	07/28/11	37
1,1-Dichloroethane	BDL	0.044	mg/kg	8260B	07/28/11	37
1,2-Dichloroethane	BDL	0.044	mg/kg	8260B	07/28/11	37
1,1-Dichloroethene	BDL	0.044	mg/kg	8260B	07/28/11	37
cis-1,2-Dichloroethene	BDL	0.044	mg/kg	8260B	07/28/11	37
trans-1,2-Dichloroethene	BDL	0.044	mg/kg	8260B	07/28/11	37

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Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-05

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-5 6-8FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.044	mg/kg	8260B	07/28/11	37
1,1-Dichloropropene	BDL	0.044	mg/kg	8260B	07/28/11	37
1,3-Dichloropropane	BDL	0.044	mg/kg	8260B	07/28/11	37
cis-1,3-Dichloropropene	BDL	0.044	mg/kg	8260B	07/28/11	37
trans-1,3-Dichloropropene	BDL	0.044	mg/kg	8260B	07/28/11	37
2,2-Dichloropropane	BDL	0.044	mg/kg	8260B	07/28/11	37
Di-isopropyl ether	BDL	0.044	mg/kg	8260B	07/28/11	37
Ethylbenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
Hexachloro-1,3-butadiene	BDL	0.044	mg/kg	8260B	07/28/11	37
Isopropylbenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
p-Isopropyltoluene	BDL	0.044	mg/kg	8260B	07/28/11	37
2-Butanone (MEK)	BDL	0.44	mg/kg	8260B	07/28/11	37
Methylene Chloride	BDL	0.22	mg/kg	8260B	07/28/11	37
4-Methyl-2-pentanone (MIBK)	BDL	0.44	mg/kg	8260B	07/28/11	37
Methyl tert-butyl ether	BDL	0.044	mg/kg	8260B	07/28/11	37
Naphthalene	BDL	0.22	mg/kg	8260B	07/28/11	37
n-Propylbenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
Styrene	BDL	0.044	mg/kg	8260B	07/28/11	37
1,1,1,2-Tetrachloroethane	BDL	0.044	mg/kg	8260B	07/28/11	37
1,1,2,2-Tetrachloroethane	BDL	0.044	mg/kg	8260B	07/28/11	37
Tetrachloroethene	BDL	0.044	mg/kg	8260B	07/28/11	37
Toluene	BDL	0.22	mg/kg	8260B	07/28/11	37
1,2,3-Trichlorobenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
1,2,4-Trichlorobenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
1,1,1-Trichloroethane	BDL	0.044	mg/kg	8260B	07/28/11	37
1,1,2-Trichloroethane	BDL	0.044	mg/kg	8260B	07/28/11	37
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.044	mg/kg	8260B	07/28/11	37
Trichloroethene	BDL	0.044	mg/kg	8260B	07/28/11	37
Trichlorofluoromethane	BDL	0.22	mg/kg	8260B	07/28/11	37
1,2,3-Trichloropropane	BDL	0.11	mg/kg	8260B	07/28/11	37
1,2,4-Trimethylbenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
1,3,5-Trimethylbenzene	BDL	0.044	mg/kg	8260B	07/28/11	37
Vinyl chloride	BDL	0.044	mg/kg	8260B	07/28/11	37
Xylenes, Total	BDL	0.13	mg/kg	8260B	07/28/11	37
Surrogate Recovery						
Toluene-d8	107.		% Rec.	8260B	07/28/11	37
Dibromofluoromethane	100.		% Rec.	8260B	07/28/11	37
4-Bromofluorobenzene	100.		% Rec.	8260B	07/28/11	37
Base/Neutral Extractables						
Acenaphthene	BDL	0.039	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.039	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.039	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.39	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-05

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-5 6-8FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	0.069	0.039	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	0.12	0.039	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	0.044	0.039	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.039	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	0.086	0.039	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.39	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.39	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.39	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.39	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.039	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.39	mg/kg	8270D	08/01/11	1
Chrysene	0.090	0.039	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.039	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.39	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.39	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.39	mg/kg	8270D	08/01/11	1
Fluoranthene	0.14	0.039	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.039	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.39	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.39	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.39	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.39	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.039	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.39	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.039	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.39	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.39	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.39	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.39	mg/kg	8270D	08/01/11	1
Phenanthrene	0.077	0.039	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.39	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.39	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.39	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.39	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.39	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.39	mg/kg	8270D	08/01/11	1
Pyrene	0.15	0.039	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.39	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.39	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.39	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.39	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.39	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.39	mg/kg	8270D	08/01/11	1

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BDL - Below Detection Limit
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-05

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-5 6-8FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.39	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.39	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.39	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.39	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.39	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.39	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	87.0		% Rec.	8270D	08/01/11	1
Phenol-d5	92.3		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	64.4		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	77.5		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	72.2		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	66.6		% Rec.	8270D	08/01/11	1

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Reported: 08/03/11 17:31 Revised: 08/04/11 08:36

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REPORT OF ANALYSIS

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Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-06

Date Received : July 27, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-5 10.5-12.5FT

Project # : B11174100

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	77.		%	2540G	08/03/11	1
Mercury	0.030	0.026	mg/kg	7471	07/28/11	1
Arsenic	4.2	1.3	mg/kg	6010B	08/02/11	1
Barium	88.	0.32	mg/kg	6010B	08/02/11	1
Cadmium	1.4	0.32	mg/kg	6010B	08/02/11	1
Chromium	66.	0.64	mg/kg	6010B	08/02/11	1
Lead	10.	0.32	mg/kg	6010B	08/02/11	1
Selenium	BDL	1.3	mg/kg	6010B	08/02/11	1
Silver	2.5	0.64	mg/kg	6010B	08/02/11	1
Volatile Organics						
Acetone	BDL	2.3	mg/kg	8260B	07/28/11	36
Acrylonitrile	BDL	0.46	mg/kg	8260B	07/28/11	36
Benzene	BDL	0.046	mg/kg	8260B	07/28/11	36
Bromobenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
Bromodichloromethane	BDL	0.046	mg/kg	8260B	07/28/11	36
Bromoform	BDL	0.046	mg/kg	8260B	07/28/11	36
Bromomethane	BDL	0.23	mg/kg	8260B	07/28/11	36
n-Butylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
sec-Butylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
tert-Butylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
Carbon tetrachloride	BDL	0.046	mg/kg	8260B	07/28/11	36
Chlorobenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
Chlorodibromomethane	BDL	0.046	mg/kg	8260B	07/28/11	36
Chloroethane	BDL	0.23	mg/kg	8260B	07/28/11	36
2-Chloroethyl vinyl ether	BDL	2.3	mg/kg	8260B	07/28/11	36
Chloroform	BDL	0.23	mg/kg	8260B	07/28/11	36
Chloromethane	BDL	0.12	mg/kg	8260B	07/28/11	36
2-Chlorotoluene	BDL	0.046	mg/kg	8260B	07/28/11	36
4-Chlorotoluene	BDL	0.046	mg/kg	8260B	07/28/11	36
1,2-Dibromo-3-Chloropropane	BDL	0.23	mg/kg	8260B	07/28/11	36
1,2-Dibromoethane	BDL	0.046	mg/kg	8260B	07/28/11	36
Dibromomethane	BDL	0.046	mg/kg	8260B	07/28/11	36
1,2-Dichlorobenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
1,3-Dichlorobenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
1,4-Dichlorobenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
Dichlorodifluoromethane	BDL	0.23	mg/kg	8260B	07/28/11	36
1,1-Dichloroethane	BDL	0.046	mg/kg	8260B	07/28/11	36
1,2-Dichloroethane	BDL	0.046	mg/kg	8260B	07/28/11	36
1,1-Dichloroethene	BDL	0.046	mg/kg	8260B	07/28/11	36
cis-1,2-Dichloroethene	BDL	0.046	mg/kg	8260B	07/28/11	36
trans-1,2-Dichloroethene	BDL	0.046	mg/kg	8260B	07/28/11	36

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REPORT OF ANALYSIS

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Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-06

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-5 10.5-12.5FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.046	mg/kg	8260B	07/28/11	36
1,1-Dichloropropene	BDL	0.046	mg/kg	8260B	07/28/11	36
1,3-Dichloropropane	BDL	0.046	mg/kg	8260B	07/28/11	36
cis-1,3-Dichloropropene	BDL	0.046	mg/kg	8260B	07/28/11	36
trans-1,3-Dichloropropene	BDL	0.046	mg/kg	8260B	07/28/11	36
2,2-Dichloropropane	BDL	0.046	mg/kg	8260B	07/28/11	36
Di-isopropyl ether	BDL	0.046	mg/kg	8260B	07/28/11	36
Ethylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
Hexachloro-1,3-butadiene	BDL	0.046	mg/kg	8260B	07/28/11	36
Isopropylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
p-Isopropyltoluene	BDL	0.046	mg/kg	8260B	07/28/11	36
2-Butanone (MEK)	BDL	0.46	mg/kg	8260B	07/28/11	36
Methylene Chloride	BDL	0.23	mg/kg	8260B	07/28/11	36
4-Methyl-2-pentanone (MIBK)	BDL	0.46	mg/kg	8260B	07/28/11	36
Methyl tert-butyl ether	BDL	0.046	mg/kg	8260B	07/28/11	36
Naphthalene	BDL	0.23	mg/kg	8260B	07/28/11	36
n-Propylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
Styrene	BDL	0.046	mg/kg	8260B	07/28/11	36
1,1,1,2-Tetrachloroethane	BDL	0.046	mg/kg	8260B	07/28/11	36
1,1,2,2-Tetrachloroethane	BDL	0.046	mg/kg	8260B	07/28/11	36
Tetrachloroethene	BDL	0.046	mg/kg	8260B	07/28/11	36
Toluene	BDL	0.23	mg/kg	8260B	07/28/11	36
1,2,3-Trichlorobenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
1,2,4-Trichlorobenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
1,1,1-Trichloroethane	BDL	0.046	mg/kg	8260B	07/28/11	36
1,1,2-Trichloroethane	BDL	0.046	mg/kg	8260B	07/28/11	36
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.046	mg/kg	8260B	07/28/11	36
Trichloroethene	BDL	0.046	mg/kg	8260B	07/28/11	36
Trichlorofluoromethane	BDL	0.23	mg/kg	8260B	07/28/11	36
1,2,3-Trichloropropane	BDL	0.12	mg/kg	8260B	07/28/11	36
1,2,4-Trimethylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
1,3,5-Trimethylbenzene	BDL	0.046	mg/kg	8260B	07/28/11	36
Vinyl chloride	BDL	0.046	mg/kg	8260B	07/28/11	36
Xylenes, Total	BDL	0.14	mg/kg	8260B	07/28/11	36
Surrogate Recovery						
Toluene-d8	108.		% Rec.	8260B	07/28/11	36
Dibromofluoromethane	99.3		% Rec.	8260B	07/28/11	36
4-Bromofluorobenzene	101.		% Rec.	8260B	07/28/11	36
Base/Neutral Extractables						
Acenaphthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.043	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.43	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

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Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-06

Date Received : July 27, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-5 10.5-12.5FT

Project # : B11174100

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.43	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.43	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.43	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.43	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.043	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.43	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.043	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.43	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.43	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.43	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.043	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.43	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.43	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.43	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.43	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.43	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.043	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.43	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.43	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.43	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.43	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.43	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.43	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.43	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-06

Date Received : July 27, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-5 10.5-12.5FT

Project # : B11174100

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	72.3		% Rec.	8270D	08/01/11	1
Phenol-d5	83.3		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	69.3		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	81.1		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	65.3		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	69.7		% Rec.	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 08/03/11 17:31 Revised: 08/04/11 08:36

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
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Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-07

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-6 3-5FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	72.		%	2540G	08/03/11	1
Mercury	BDL	0.028	mg/kg	7471	07/28/11	1
Arsenic	5.5	1.4	mg/kg	6010B	08/02/11	1
Barium	210	0.35	mg/kg	6010B	08/02/11	1
Cadmium	1.4	0.35	mg/kg	6010B	08/02/11	1
Chromium	59.	0.69	mg/kg	6010B	08/02/11	1
Lead	5.6	0.35	mg/kg	6010B	08/02/11	1
Selenium	BDL	1.4	mg/kg	6010B	08/02/11	1
Silver	2.1	0.69	mg/kg	6010B	08/02/11	1
Volatile Organics						
Acetone	BDL	2.4	mg/kg	8260B	07/28/11	34.5
Acrylonitrile	BDL	0.48	mg/kg	8260B	07/28/11	34.5
Benzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Bromobenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Bromodichloromethane	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Bromoform	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Bromomethane	BDL	0.24	mg/kg	8260B	07/28/11	34.5
n-Butylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
sec-Butylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
tert-Butylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Carbon tetrachloride	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Chlorobenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Chlorodibromomethane	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Chloroethane	BDL	0.24	mg/kg	8260B	07/28/11	34.5
2-Chloroethyl vinyl ether	BDL	2.4	mg/kg	8260B	07/28/11	34.5
Chloroform	BDL	0.24	mg/kg	8260B	07/28/11	34.5
Chloromethane	BDL	0.12	mg/kg	8260B	07/28/11	34.5
2-Chlorotoluene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
4-Chlorotoluene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,2-Dibromo-3-Chloropropane	BDL	0.24	mg/kg	8260B	07/28/11	34.5
1,2-Dibromoethane	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Dibromomethane	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,2-Dichlorobenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,3-Dichlorobenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,4-Dichlorobenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Dichlorodifluoromethane	BDL	0.24	mg/kg	8260B	07/28/11	34.5
1,1-Dichloroethane	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,2-Dichloroethane	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,1-Dichloroethene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
cis-1,2-Dichloroethene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
trans-1,2-Dichloroethene	BDL	0.048	mg/kg	8260B	07/28/11	34.5

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-07

Date Received : July 27, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-6 3-5FT

Project # : B11174100

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,1-Dichloropropene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,3-Dichloropropane	BDL	0.048	mg/kg	8260B	07/28/11	34.5
cis-1,3-Dichloropropene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
trans-1,3-Dichloropropene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
2,2-Dichloropropane	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Di-isopropyl ether	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Ethylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Hexachloro-1,3-butadiene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Isopropylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
p-Isopropyltoluene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
2-Butanone (MEK)	BDL	0.48	mg/kg	8260B	07/28/11	34.5
Methylene Chloride	BDL	0.24	mg/kg	8260B	07/28/11	34.5
4-Methyl-2-pentanone (MIBK)	BDL	0.48	mg/kg	8260B	07/28/11	34.5
Methyl tert-butyl ether	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Naphthalene	BDL	0.24	mg/kg	8260B	07/28/11	34.5
n-Propylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Styrene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,1,1,2-Tetrachloroethane	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,1,2,2-Tetrachloroethane	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Tetrachloroethene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Toluene	BDL	0.24	mg/kg	8260B	07/28/11	34.5
1,2,3-Trichlorobenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,2,4-Trichlorobenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,1,1-Trichloroethane	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,1,2-Trichloroethane	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Trichloroethene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Trichlorofluoromethane	BDL	0.24	mg/kg	8260B	07/28/11	34.5
1,2,3-Trichloropropane	BDL	0.12	mg/kg	8260B	07/28/11	34.5
1,2,4-Trimethylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
1,3,5-Trimethylbenzene	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Vinyl chloride	BDL	0.048	mg/kg	8260B	07/28/11	34.5
Xylenes, Total	BDL	0.14	mg/kg	8260B	07/28/11	34.5
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	07/28/11	34.5
Dibromofluoromethane	97.3		% Rec.	8260B	07/28/11	34.5
4-Bromofluorobenzene	102.		% Rec.	8260B	07/28/11	34.5
Base/Neutral Extractables						
Acenaphthene	BDL	0.046	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.046	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.046	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.46	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-07

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-6 3-5FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	BDL	0.046	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.046	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.046	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.046	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.046	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.46	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.46	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.46	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.46	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.046	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.46	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.046	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.046	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.46	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.46	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.46	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.046	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.046	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.46	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.46	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.46	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.46	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.046	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.46	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.046	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.46	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.46	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.46	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.46	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.046	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.46	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.46	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.46	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.46	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.46	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.46	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.046	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.46	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.46	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.46	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.46	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.46	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.46	mg/kg	8270D	08/01/11	1

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BDL - Below Detection Limit
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-07

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-6 3-5FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.46	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.46	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.46	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.46	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.46	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.46	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	38.8		% Rec.	8270D	08/01/11	1
Phenol-d5	47.1		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	33.3		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	41.2		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	43.1		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	41.6		% Rec.	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 08/03/11 17:31 Revised: 08/04/11 08:36

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REPORT OF ANALYSIS

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August 04,2011

ESC Sample # : L528053-08

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-6 18-20FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	79.		%	2540G	08/03/11	1
Mercury	BDL	0.025	mg/kg	7471	07/28/11	1
Arsenic	6.1	1.3	mg/kg	6010B	08/02/11	1
Barium	230	0.32	mg/kg	6010B	08/02/11	1
Cadmium	1.0	0.32	mg/kg	6010B	08/02/11	1
Chromium	14.	0.63	mg/kg	6010B	08/02/11	1
Lead	4.5	0.32	mg/kg	6010B	08/02/11	1
Selenium	BDL	1.3	mg/kg	6010B	08/02/11	1
Silver	1.7	0.63	mg/kg	6010B	08/02/11	1
Volatile Organics						
Acetone	BDL	2.8	mg/kg	8260B	07/28/11	44
Acrylonitrile	BDL	0.55	mg/kg	8260B	07/28/11	44
Benzene	BDL	0.055	mg/kg	8260B	07/28/11	44
Bromobenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
Bromodichloromethane	BDL	0.055	mg/kg	8260B	07/28/11	44
Bromoform	BDL	0.055	mg/kg	8260B	07/28/11	44
Bromomethane	BDL	0.28	mg/kg	8260B	07/28/11	44
n-Butylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
sec-Butylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
tert-Butylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
Carbon tetrachloride	BDL	0.055	mg/kg	8260B	07/28/11	44
Chlorobenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
Chlorodibromomethane	BDL	0.055	mg/kg	8260B	07/28/11	44
Chloroethane	BDL	0.28	mg/kg	8260B	07/28/11	44
2-Chloroethyl vinyl ether	BDL	2.8	mg/kg	8260B	07/28/11	44
Chloroform	BDL	0.28	mg/kg	8260B	07/28/11	44
Chloromethane	BDL	0.14	mg/kg	8260B	07/28/11	44
2-Chlorotoluene	BDL	0.055	mg/kg	8260B	07/28/11	44
4-Chlorotoluene	BDL	0.055	mg/kg	8260B	07/28/11	44
1,2-Dibromo-3-Chloropropane	BDL	0.28	mg/kg	8260B	07/28/11	44
1,2-Dibromoethane	BDL	0.055	mg/kg	8260B	07/28/11	44
Dibromomethane	BDL	0.055	mg/kg	8260B	07/28/11	44
1,2-Dichlorobenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
1,3-Dichlorobenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
1,4-Dichlorobenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
Dichlorodifluoromethane	BDL	0.28	mg/kg	8260B	07/28/11	44
1,1-Dichloroethane	BDL	0.055	mg/kg	8260B	07/28/11	44
1,2-Dichloroethane	BDL	0.055	mg/kg	8260B	07/28/11	44
1,1-Dichloroethene	BDL	0.055	mg/kg	8260B	07/28/11	44
cis-1,2-Dichloroethene	BDL	0.055	mg/kg	8260B	07/28/11	44
trans-1,2-Dichloroethene	BDL	0.055	mg/kg	8260B	07/28/11	44

Results listed are dry weight basis.
BDL - Below Detection Limit
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Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-08

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-6 18-20FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.055	mg/kg	8260B	07/28/11	44
1,1-Dichloropropene	BDL	0.055	mg/kg	8260B	07/28/11	44
1,3-Dichloropropane	BDL	0.055	mg/kg	8260B	07/28/11	44
cis-1,3-Dichloropropene	BDL	0.055	mg/kg	8260B	07/28/11	44
trans-1,3-Dichloropropene	BDL	0.055	mg/kg	8260B	07/28/11	44
2,2-Dichloropropane	BDL	0.055	mg/kg	8260B	07/28/11	44
Di-isopropyl ether	BDL	0.055	mg/kg	8260B	07/28/11	44
Ethylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
Hexachloro-1,3-butadiene	BDL	0.055	mg/kg	8260B	07/28/11	44
Isopropylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
p-Isopropyltoluene	BDL	0.055	mg/kg	8260B	07/28/11	44
2-Butanone (MEK)	BDL	0.55	mg/kg	8260B	07/28/11	44
Methylene Chloride	BDL	0.28	mg/kg	8260B	07/28/11	44
4-Methyl-2-pentanone (MIBK)	BDL	0.55	mg/kg	8260B	07/28/11	44
Methyl tert-butyl ether	BDL	0.055	mg/kg	8260B	07/28/11	44
Naphthalene	BDL	0.28	mg/kg	8260B	07/28/11	44
n-Propylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
Styrene	BDL	0.055	mg/kg	8260B	07/28/11	44
1,1,1,2-Tetrachloroethane	BDL	0.055	mg/kg	8260B	07/28/11	44
1,1,2,2-Tetrachloroethane	BDL	0.055	mg/kg	8260B	07/28/11	44
Tetrachloroethene	BDL	0.055	mg/kg	8260B	07/28/11	44
Toluene	BDL	0.28	mg/kg	8260B	07/28/11	44
1,2,3-Trichlorobenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
1,2,4-Trichlorobenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
1,1,1-Trichloroethane	BDL	0.055	mg/kg	8260B	07/28/11	44
1,1,2-Trichloroethane	BDL	0.055	mg/kg	8260B	07/28/11	44
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.055	mg/kg	8260B	07/28/11	44
Trichloroethene	BDL	0.055	mg/kg	8260B	07/28/11	44
Trichlorofluoromethane	BDL	0.28	mg/kg	8260B	07/28/11	44
1,2,3-Trichloropropane	BDL	0.14	mg/kg	8260B	07/28/11	44
1,2,4-Trimethylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
1,3,5-Trimethylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	44
Vinyl chloride	BDL	0.055	mg/kg	8260B	07/28/11	44
Xylenes, Total	BDL	0.17	mg/kg	8260B	07/28/11	44
Surrogate Recovery						
Toluene-d8	107.		% Rec.	8260B	07/28/11	44
Dibromofluoromethane	98.6		% Rec.	8260B	07/28/11	44
4-Bromofluorobenzene	109.		% Rec.	8260B	07/28/11	44
Base/Neutral Extractables						
Acenaphthene	BDL	0.042	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.042	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.42	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
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Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-08

Date Received : July 27, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-6 18-20FT

Project # : B11174100

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.042	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.42	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.42	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.42	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.42	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.042	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.42	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.042	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.042	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.42	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.42	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.42	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.042	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.042	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.42	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.42	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.42	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.42	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.042	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.42	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.042	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.42	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.42	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.42	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.42	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.42	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.42	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.42	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.42	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.42	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.42	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.042	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.42	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.42	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.42	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.42	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.42	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.42	mg/kg	8270D	08/01/11	1

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-08

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-6 18-20FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 11:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.42	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.42	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.42	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.42	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.42	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.42	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	38.7		% Rec.	8270D	08/01/11	1
Phenol-d5	42.2		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	34.6		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	42.3		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	36.9		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	41.2		% Rec.	8270D	08/01/11	1

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Reported: 08/03/11 17:31 Revised: 08/04/11 08:36

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REPORT OF ANALYSIS

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August 04,2011

ESC Sample # : L528053-09

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-7 6-8FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 13:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	78.		%	2540G	08/03/11	1
Mercury	BDL	0.026	mg/kg	7471	07/28/11	1
Arsenic	4.8	1.3	mg/kg	6010B	08/02/11	1
Barium	76.	0.32	mg/kg	6010B	08/02/11	1
Cadmium	0.94	0.32	mg/kg	6010B	08/02/11	1
Chromium	56.	0.64	mg/kg	6010B	08/02/11	1
Lead	3.6	0.32	mg/kg	6010B	08/02/11	1
Selenium	BDL	1.3	mg/kg	6010B	08/02/11	1
Silver	1.7	0.64	mg/kg	6010B	08/02/11	1
Volatile Organics						
Acetone	BDL	2.7	mg/kg	8260B	07/28/11	42
Acrylonitrile	BDL	0.54	mg/kg	8260B	07/28/11	42
Benzene	BDL	0.054	mg/kg	8260B	07/28/11	42
Bromobenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
Bromodichloromethane	BDL	0.054	mg/kg	8260B	07/28/11	42
Bromoform	BDL	0.054	mg/kg	8260B	07/28/11	42
Bromomethane	BDL	0.27	mg/kg	8260B	07/28/11	42
n-Butylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
sec-Butylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
tert-Butylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
Carbon tetrachloride	BDL	0.054	mg/kg	8260B	07/28/11	42
Chlorobenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
Chlorodibromomethane	BDL	0.054	mg/kg	8260B	07/28/11	42
Chloroethane	BDL	0.27	mg/kg	8260B	07/28/11	42
2-Chloroethyl vinyl ether	BDL	2.7	mg/kg	8260B	07/28/11	42
Chloroform	BDL	0.27	mg/kg	8260B	07/28/11	42
Chloromethane	BDL	0.13	mg/kg	8260B	07/28/11	42
2-Chlorotoluene	BDL	0.054	mg/kg	8260B	07/28/11	42
4-Chlorotoluene	BDL	0.054	mg/kg	8260B	07/28/11	42
1,2-Dibromo-3-Chloropropane	BDL	0.27	mg/kg	8260B	07/28/11	42
1,2-Dibromoethane	BDL	0.054	mg/kg	8260B	07/28/11	42
Dibromomethane	BDL	0.054	mg/kg	8260B	07/28/11	42
1,2-Dichlorobenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
1,3-Dichlorobenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
1,4-Dichlorobenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
Dichlorodifluoromethane	BDL	0.27	mg/kg	8260B	07/28/11	42
1,1-Dichloroethane	BDL	0.054	mg/kg	8260B	07/28/11	42
1,2-Dichloroethane	BDL	0.054	mg/kg	8260B	07/28/11	42
1,1-Dichloroethene	BDL	0.054	mg/kg	8260B	07/28/11	42
cis-1,2-Dichloroethene	BDL	0.054	mg/kg	8260B	07/28/11	42
trans-1,2-Dichloroethene	BDL	0.054	mg/kg	8260B	07/28/11	42

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REPORT OF ANALYSIS

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Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-09

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-7 6-8FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 13:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.054	mg/kg	8260B	07/28/11	42
1,1-Dichloropropene	BDL	0.054	mg/kg	8260B	07/28/11	42
1,3-Dichloropropane	BDL	0.054	mg/kg	8260B	07/28/11	42
cis-1,3-Dichloropropene	BDL	0.054	mg/kg	8260B	07/28/11	42
trans-1,3-Dichloropropene	BDL	0.054	mg/kg	8260B	07/28/11	42
2,2-Dichloropropane	BDL	0.054	mg/kg	8260B	07/28/11	42
Di-isopropyl ether	BDL	0.054	mg/kg	8260B	07/28/11	42
Ethylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
Hexachloro-1,3-butadiene	BDL	0.054	mg/kg	8260B	07/28/11	42
Isopropylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
p-Isopropyltoluene	BDL	0.054	mg/kg	8260B	07/28/11	42
2-Butanone (MEK)	BDL	0.54	mg/kg	8260B	07/28/11	42
Methylene Chloride	BDL	0.27	mg/kg	8260B	07/28/11	42
4-Methyl-2-pentanone (MIBK)	BDL	0.54	mg/kg	8260B	07/28/11	42
Methyl tert-butyl ether	BDL	0.054	mg/kg	8260B	07/28/11	42
Naphthalene	BDL	0.27	mg/kg	8260B	07/28/11	42
n-Propylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
Styrene	BDL	0.054	mg/kg	8260B	07/28/11	42
1,1,1,2-Tetrachloroethane	BDL	0.054	mg/kg	8260B	07/28/11	42
1,1,2,2-Tetrachloroethane	BDL	0.054	mg/kg	8260B	07/28/11	42
Tetrachloroethene	BDL	0.054	mg/kg	8260B	07/28/11	42
Toluene	BDL	0.27	mg/kg	8260B	07/28/11	42
1,2,3-Trichlorobenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
1,2,4-Trichlorobenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
1,1,1-Trichloroethane	BDL	0.054	mg/kg	8260B	07/28/11	42
1,1,2-Trichloroethane	BDL	0.054	mg/kg	8260B	07/28/11	42
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.054	mg/kg	8260B	07/28/11	42
Trichloroethene	BDL	0.054	mg/kg	8260B	07/28/11	42
Trichlorofluoromethane	BDL	0.27	mg/kg	8260B	07/28/11	42
1,2,3-Trichloropropane	BDL	0.13	mg/kg	8260B	07/28/11	42
1,2,4-Trimethylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
1,3,5-Trimethylbenzene	BDL	0.054	mg/kg	8260B	07/28/11	42
Vinyl chloride	BDL	0.054	mg/kg	8260B	07/28/11	42
Xylenes, Total	BDL	0.16	mg/kg	8260B	07/28/11	42
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	07/28/11	42
Dibromofluoromethane	98.1		% Rec.	8260B	07/28/11	42
4-Bromofluorobenzene	108.		% Rec.	8260B	07/28/11	42
Base/Neutral Extractables						
Acenaphthene	BDL	0.042	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.042	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.43	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-09

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-7 6-8FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 13:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.042	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.43	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.43	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.43	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.43	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.042	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.43	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.042	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.042	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.43	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.43	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.43	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.042	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.042	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.43	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.43	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.43	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.43	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.042	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.43	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.042	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.43	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.43	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.43	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.43	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.042	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.43	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.43	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.43	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-09

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-7 6-8FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 13:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	62.2		% Rec.	8270D	08/01/11	1
Phenol-d5	76.9		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	55.7		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	67.7		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	74.9		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	70.5		% Rec.	8270D	08/01/11	1

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Reported: 08/03/11 17:31 Revised: 08/04/11 08:37

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-10

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-8 1.5-3FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 13:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	92.		%	2540G	08/03/11	1
Mercury	BDL	0.022	mg/kg	7471	07/28/11	1
Arsenic	BDL	5.4	mg/kg	6010B	07/28/11	5
Barium	68.	0.27	mg/kg	6010B	07/28/11	1
Cadmium	BDL	0.27	mg/kg	6010B	07/28/11	1
Chromium	56.	0.54	mg/kg	6010B	07/28/11	1
Lead	BDL	1.4	mg/kg	6010B	07/28/11	5
Selenium	7.0	1.1	mg/kg	6010B	07/28/11	1
Silver	BDL	0.54	mg/kg	6010B	07/28/11	1
TPH (GC/FID) Low Fraction		4.6	mg/kg	8015D/GRO	07/28/11	45.5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	93.8		% Rec.	8015D/GRO	07/28/11	45.5
Volatile Organics						
Acetone	BDL	2.5	mg/kg	8260B	07/28/11	45.5
Acrylonitrile	BDL	0.49	mg/kg	8260B	07/28/11	45.5
Benzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Bromobenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Bromodichloromethane	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Bromoform	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Bromomethane	BDL	0.25	mg/kg	8260B	07/28/11	45.5
n-Butylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
sec-Butylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
tert-Butylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Carbon tetrachloride	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Chlorobenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Chlorodibromomethane	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Chloroethane	BDL	0.25	mg/kg	8260B	07/28/11	45.5
2-Chloroethyl vinyl ether	BDL	2.5	mg/kg	8260B	07/28/11	45.5
Chloroform	BDL	0.25	mg/kg	8260B	07/28/11	45.5
Chloromethane	BDL	0.12	mg/kg	8260B	07/28/11	45.5
2-Chlorotoluene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
4-Chlorotoluene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,2-Dibromo-3-Chloropropane	BDL	0.25	mg/kg	8260B	07/28/11	45.5
1,2-Dibromoethane	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Dibromomethane	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,2-Dichlorobenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,3-Dichlorobenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,4-Dichlorobenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Dichlorodifluoromethane	BDL	0.25	mg/kg	8260B	07/28/11	45.5
1,1-Dichloroethane	BDL	0.049	mg/kg	8260B	07/28/11	45.5

Results listed are dry weight basis.
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-10

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-8 1.5-3FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 13:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloroethane	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,1-Dichloroethene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
cis-1,2-Dichloroethene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
trans-1,2-Dichloroethene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,2-Dichloropropane	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,1-Dichloropropene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,3-Dichloropropane	BDL	0.049	mg/kg	8260B	07/28/11	45.5
cis-1,3-Dichloropropene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
trans-1,3-Dichloropropene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
2,2-Dichloropropane	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Di-isopropyl ether	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Ethylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Hexachloro-1,3-butadiene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Isopropylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
p-Isopropyltoluene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
2-Butanone (MEK)	BDL	0.49	mg/kg	8260B	07/28/11	45.5
Methylene Chloride	BDL	0.25	mg/kg	8260B	07/28/11	45.5
4-Methyl-2-pentanone (MIBK)	BDL	0.49	mg/kg	8260B	07/28/11	45.5
Methyl tert-butyl ether	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Naphthalene	BDL	0.25	mg/kg	8260B	07/28/11	45.5
n-Propylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Styrene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,1,1,2-Tetrachloroethane	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,1,2,2-Tetrachloroethane	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Tetrachloroethene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Toluene	BDL	0.25	mg/kg	8260B	07/28/11	45.5
1,2,3-Trichlorobenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,2,4-Trichlorobenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,1,1-Trichloroethane	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,1,2-Trichloroethane	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Trichloroethene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Trichlorofluoromethane	BDL	0.25	mg/kg	8260B	07/28/11	45.5
1,2,3-Trichloropropane	BDL	0.12	mg/kg	8260B	07/28/11	45.5
1,2,4-Trimethylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
1,3,5-Trimethylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Vinyl chloride	BDL	0.049	mg/kg	8260B	07/28/11	45.5
Xylenes, Total	BDL	0.15	mg/kg	8260B	07/28/11	45.5
Surrogate Recovery						
Toluene-d8	109.		% Rec.	8260B	07/28/11	45.5
Dibromofluoromethane	98.1		% Rec.	8260B	07/28/11	45.5
4-Bromofluorobenzene	102.		% Rec.	8260B	07/28/11	45.5
TPH (GC/FID) High Fraction	100	4.0	mg/kg	3546/DRO	08/03/11	1

Results listed are dry weight basis.
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REPORT OF ANALYSIS

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135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-10

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-8 1.5-3FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 13:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Surrogate recovery(%)						
o-Terphenyl	81.9		% Rec.	3546/DRO	08/03/11	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.036	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.036	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.36	mg/kg	8270D	08/01/11	1
Benzo(a)anthracene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.036	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.36	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.36	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.36	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.36	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.036	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.36	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.036	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.036	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.36	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.36	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.36	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.036	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.036	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.36	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.36	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.36	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.36	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.036	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.36	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.036	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.36	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.36	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.36	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.36	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1

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REPORT OF ANALYSIS

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Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-10

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-8 1.5-3FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 13:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Pyrene	BDL	0.036	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.36	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.36	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2,4-Dinitrophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	40.2		% Rec.	8270D	08/01/11	1
Phenol-d5	43.5		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	39.7		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	48.0		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	46.7		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	57.3		% Rec.	8270D	08/01/11	1

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BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-11

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-9 1-3FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 14:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	77.		%	2540G	08/03/11	1
Mercury	BDL	0.026	mg/kg	7471	07/28/11	1
Arsenic	BDL	6.5	mg/kg	6010B	07/28/11	5
Barium	57.	0.32	mg/kg	6010B	07/28/11	1
Cadmium	BDL	0.32	mg/kg	6010B	07/28/11	1
Chromium	63.	0.65	mg/kg	6010B	07/28/11	1
Lead	0.65	0.32	mg/kg	6010B	07/28/11	1
Selenium	6.1	1.3	mg/kg	6010B	07/28/11	1
Silver	BDL	0.65	mg/kg	6010B	07/28/11	1
TPH (GC/FID) Low Fraction		4.3	mg/kg	8015D/GRO	07/28/11	43
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	93.6		% Rec.	8015D/GRO	07/28/11	43
Volatile Organics						
Acetone	BDL	2.7	mg/kg	8260B	07/28/11	42
Acrylonitrile	BDL	0.55	mg/kg	8260B	07/28/11	42
Benzene	BDL	0.055	mg/kg	8260B	07/28/11	42
Bromobenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
Bromodichloromethane	BDL	0.055	mg/kg	8260B	07/28/11	42
Bromoform	BDL	0.055	mg/kg	8260B	07/28/11	42
Bromomethane	BDL	0.27	mg/kg	8260B	07/28/11	42
n-Butylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
sec-Butylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
tert-Butylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
Carbon tetrachloride	BDL	0.055	mg/kg	8260B	07/28/11	42
Chlorobenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
Chlorodibromomethane	BDL	0.055	mg/kg	8260B	07/28/11	42
Chloroethane	BDL	0.27	mg/kg	8260B	07/28/11	42
2-Chloroethyl vinyl ether	BDL	2.7	mg/kg	8260B	07/28/11	42
Chloroform	BDL	0.27	mg/kg	8260B	07/28/11	42
Chloromethane	BDL	0.14	mg/kg	8260B	07/28/11	42
2-Chlorotoluene	BDL	0.055	mg/kg	8260B	07/28/11	42
4-Chlorotoluene	BDL	0.055	mg/kg	8260B	07/28/11	42
1,2-Dibromo-3-Chloropropane	BDL	0.27	mg/kg	8260B	07/28/11	42
1,2-Dibromoethane	BDL	0.055	mg/kg	8260B	07/28/11	42
Dibromomethane	BDL	0.055	mg/kg	8260B	07/28/11	42
1,2-Dichlorobenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
1,3-Dichlorobenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
1,4-Dichlorobenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
Dichlorodifluoromethane	BDL	0.27	mg/kg	8260B	07/28/11	42
1,1-Dichloroethane	BDL	0.055	mg/kg	8260B	07/28/11	42

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-11

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-9 1-3FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 14:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloroethane	BDL	0.055	mg/kg	8260B	07/28/11	42
1,1-Dichloroethene	BDL	0.055	mg/kg	8260B	07/28/11	42
cis-1,2-Dichloroethene	BDL	0.055	mg/kg	8260B	07/28/11	42
trans-1,2-Dichloroethene	BDL	0.055	mg/kg	8260B	07/28/11	42
1,2-Dichloropropane	BDL	0.055	mg/kg	8260B	07/28/11	42
1,1-Dichloropropene	BDL	0.055	mg/kg	8260B	07/28/11	42
1,3-Dichloropropane	BDL	0.055	mg/kg	8260B	07/28/11	42
cis-1,3-Dichloropropene	BDL	0.055	mg/kg	8260B	07/28/11	42
trans-1,3-Dichloropropene	BDL	0.055	mg/kg	8260B	07/28/11	42
2,2-Dichloropropane	BDL	0.055	mg/kg	8260B	07/28/11	42
Di-isopropyl ether	BDL	0.055	mg/kg	8260B	07/28/11	42
Ethylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
Hexachloro-1,3-butadiene	BDL	0.055	mg/kg	8260B	07/28/11	42
Isopropylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
p-Isopropyltoluene	BDL	0.055	mg/kg	8260B	07/28/11	42
2-Butanone (MEK)	BDL	0.55	mg/kg	8260B	07/28/11	42
Methylene Chloride	BDL	0.27	mg/kg	8260B	07/28/11	42
4-Methyl-2-pentanone (MIBK)	BDL	0.55	mg/kg	8260B	07/28/11	42
Methyl tert-butyl ether	BDL	0.055	mg/kg	8260B	07/28/11	42
Naphthalene	BDL	0.27	mg/kg	8260B	07/28/11	42
n-Propylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
Styrene	BDL	0.055	mg/kg	8260B	07/28/11	42
1,1,1,2-Tetrachloroethane	BDL	0.055	mg/kg	8260B	07/28/11	42
1,1,2,2-Tetrachloroethane	BDL	0.055	mg/kg	8260B	07/28/11	42
Tetrachloroethene	BDL	0.055	mg/kg	8260B	07/28/11	42
Toluene	BDL	0.27	mg/kg	8260B	07/28/11	42
1,2,3-Trichlorobenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
1,2,4-Trichlorobenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
1,1,1-Trichloroethane	BDL	0.055	mg/kg	8260B	07/28/11	42
1,1,2-Trichloroethane	BDL	0.055	mg/kg	8260B	07/28/11	42
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.055	mg/kg	8260B	07/28/11	42
Trichloroethene	BDL	0.055	mg/kg	8260B	07/28/11	42
Trichlorofluoromethane	BDL	0.27	mg/kg	8260B	07/28/11	42
1,2,3-Trichloropropane	BDL	0.14	mg/kg	8260B	07/28/11	42
1,2,4-Trimethylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
1,3,5-Trimethylbenzene	BDL	0.055	mg/kg	8260B	07/28/11	42
Vinyl chloride	BDL	0.055	mg/kg	8260B	07/28/11	42
Xylenes, Total	BDL	0.16	mg/kg	8260B	07/28/11	42
Surrogate Recovery						
Toluene-d8	98.3		% Rec.	8260B	07/28/11	42
Dibromofluoromethane	92.2		% Rec.	8260B	07/28/11	42
4-Bromofluorobenzene	102.		% Rec.	8260B	07/28/11	42
TPH (GC/FID) High Fraction	280	4.0	mg/kg	3546/DRO	08/03/11	1

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BDL - Below Detection Limit
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-11

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-9 1-3FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 14:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Surrogate recovery(%)						
o-Terphenyl	103.		% Rec.	3546/DRO	08/03/11	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.043	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.43	mg/kg	8270D	08/01/11	1
Benzo(a)anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.43	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.43	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.43	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.43	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.043	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.43	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.043	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.43	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.43	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.43	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.043	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.43	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.43	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.43	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.43	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.43	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.043	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.43	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.43	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.43	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.43	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.43	mg/kg	8270D	08/01/11	1

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Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-11

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-9 1-3FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 14:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.43	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.43	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2,4-Dinitrophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.43	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.43	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	68.7		% Rec.	8270D	08/01/11	1
Phenol-d5	77.4		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	59.6		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	62.0		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	59.5		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	68.7		% Rec.	8270D	08/01/11	1

Results listed are dry weight basis.
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REPORT OF ANALYSIS

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August 04,2011

ESC Sample # : L528053-12

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-10 1-2FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 15:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	78.		%	2540G	08/03/11	1
Mercury	BDL	0.026	mg/kg	7471	07/28/11	1
Arsenic	BDL	6.4	mg/kg	6010B	07/28/11	5
Barium	170	0.32	mg/kg	6010B	07/28/11	1
Cadmium	BDL	0.32	mg/kg	6010B	07/28/11	1
Chromium	38.	0.64	mg/kg	6010B	07/28/11	1
Lead	6.9	0.32	mg/kg	6010B	07/28/11	1
Selenium	13.	1.3	mg/kg	6010B	07/28/11	1
Silver	BDL	0.64	mg/kg	6010B	07/28/11	1
TPH (GC/FID) Low Fraction		4.0	mg/kg	8015D/GRO	07/28/11	40
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	96.0		% Rec.	8015D/GRO	07/28/11	40
Volatile Organics						
Acetone	BDL	2.4	mg/kg	8260B	07/28/11	38
Acrylonitrile	BDL	0.49	mg/kg	8260B	07/28/11	38
Benzene	BDL	0.049	mg/kg	8260B	07/28/11	38
Bromobenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
Bromodichloromethane	BDL	0.049	mg/kg	8260B	07/28/11	38
Bromoform	BDL	0.049	mg/kg	8260B	07/28/11	38
Bromomethane	BDL	0.24	mg/kg	8260B	07/28/11	38
n-Butylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
sec-Butylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
tert-Butylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
Carbon tetrachloride	BDL	0.049	mg/kg	8260B	07/28/11	38
Chlorobenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
Chlorodibromomethane	BDL	0.049	mg/kg	8260B	07/28/11	38
Chloroethane	BDL	0.24	mg/kg	8260B	07/28/11	38
2-Chloroethyl vinyl ether	BDL	2.4	mg/kg	8260B	07/28/11	38
Chloroform	BDL	0.24	mg/kg	8260B	07/28/11	38
Chloromethane	BDL	0.12	mg/kg	8260B	07/28/11	38
2-Chlorotoluene	BDL	0.049	mg/kg	8260B	07/28/11	38
4-Chlorotoluene	BDL	0.049	mg/kg	8260B	07/28/11	38
1,2-Dibromo-3-Chloropropane	BDL	0.24	mg/kg	8260B	07/28/11	38
1,2-Dibromoethane	BDL	0.049	mg/kg	8260B	07/28/11	38
Dibromomethane	BDL	0.049	mg/kg	8260B	07/28/11	38
1,2-Dichlorobenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
1,3-Dichlorobenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
1,4-Dichlorobenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
Dichlorodifluoromethane	BDL	0.24	mg/kg	8260B	07/28/11	38
1,1-Dichloroethane	BDL	0.049	mg/kg	8260B	07/28/11	38

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August 04,2011

ESC Sample # : L528053-12

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : WP-10 1-2FT

Collected By : Larry Bertsch
Collection Date : 07/26/11 15:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloroethane	BDL	0.049	mg/kg	8260B	07/28/11	38
1,1-Dichloroethene	BDL	0.049	mg/kg	8260B	07/28/11	38
cis-1,2-Dichloroethene	BDL	0.049	mg/kg	8260B	07/28/11	38
trans-1,2-Dichloroethene	BDL	0.049	mg/kg	8260B	07/28/11	38
1,2-Dichloropropane	BDL	0.049	mg/kg	8260B	07/28/11	38
1,1-Dichloropropene	BDL	0.049	mg/kg	8260B	07/28/11	38
1,3-Dichloropropane	BDL	0.049	mg/kg	8260B	07/28/11	38
cis-1,3-Dichloropropene	BDL	0.049	mg/kg	8260B	07/28/11	38
trans-1,3-Dichloropropene	BDL	0.049	mg/kg	8260B	07/28/11	38
2,2-Dichloropropane	BDL	0.049	mg/kg	8260B	07/28/11	38
Di-isopropyl ether	BDL	0.049	mg/kg	8260B	07/28/11	38
Ethylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
Hexachloro-1,3-butadiene	BDL	0.049	mg/kg	8260B	07/28/11	38
Isopropylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
p-Isopropyltoluene	BDL	0.049	mg/kg	8260B	07/28/11	38
2-Butanone (MEK)	BDL	0.49	mg/kg	8260B	07/28/11	38
Methylene Chloride	BDL	0.24	mg/kg	8260B	07/28/11	38
4-Methyl-2-pentanone (MIBK)	BDL	0.49	mg/kg	8260B	07/28/11	38
Methyl tert-butyl ether	BDL	0.049	mg/kg	8260B	07/28/11	38
Naphthalene	BDL	0.24	mg/kg	8260B	07/28/11	38
n-Propylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
Styrene	BDL	0.049	mg/kg	8260B	07/28/11	38
1,1,1,2-Tetrachloroethane	BDL	0.049	mg/kg	8260B	07/28/11	38
1,1,2,2-Tetrachloroethane	BDL	0.049	mg/kg	8260B	07/28/11	38
Tetrachloroethene	BDL	0.049	mg/kg	8260B	07/28/11	38
Toluene	BDL	0.24	mg/kg	8260B	07/28/11	38
1,2,3-Trichlorobenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
1,2,4-Trichlorobenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
1,1,1-Trichloroethane	BDL	0.049	mg/kg	8260B	07/28/11	38
1,1,2-Trichloroethane	BDL	0.049	mg/kg	8260B	07/28/11	38
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.049	mg/kg	8260B	07/28/11	38
Trichloroethene	BDL	0.049	mg/kg	8260B	07/28/11	38
Trichlorofluoromethane	BDL	0.24	mg/kg	8260B	07/28/11	38
1,2,3-Trichloropropane	BDL	0.12	mg/kg	8260B	07/28/11	38
1,2,4-Trimethylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
1,3,5-Trimethylbenzene	BDL	0.049	mg/kg	8260B	07/28/11	38
Vinyl chloride	BDL	0.049	mg/kg	8260B	07/28/11	38
Xylenes, Total	BDL	0.15	mg/kg	8260B	07/28/11	38
Surrogate Recovery						
Toluene-d8	97.3		% Rec.	8260B	07/28/11	38
Dibromofluoromethane	91.5		% Rec.	8260B	07/28/11	38
4-Bromofluorobenzene	103.		% Rec.	8260B	07/28/11	38
TPH (GC/FID) High Fraction	2300	80.	mg/kg	3546/DRO	08/03/11	20

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-12

Date Received : July 27, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-10 1-2FT

Project # : B11174100

Collected By : Larry Bertsch
Collection Date : 07/26/11 15:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Surrogate recovery(%)						
o-Terphenyl	0.00		% Rec.	3546/DRO	08/03/11	20
Base/Neutral Extractables						
Acenaphthene	BDL	0.42	mg/kg	8270D	08/01/11	10
Acenaphthylene	BDL	0.42	mg/kg	8270D	08/01/11	10
Anthracene	BDL	0.42	mg/kg	8270D	08/01/11	10
Benzidine	BDL	4.3	mg/kg	8270D	08/01/11	10
Benzo(a)anthracene	BDL	0.42	mg/kg	8270D	08/01/11	10
Benzo(b)fluoranthene	BDL	0.42	mg/kg	8270D	08/01/11	10
Benzo(k)fluoranthene	BDL	0.42	mg/kg	8270D	08/01/11	10
Benzo(g,h,i)perylene	BDL	0.42	mg/kg	8270D	08/01/11	10
Benzo(a)pyrene	BDL	0.42	mg/kg	8270D	08/01/11	10
Bis(2-chlorethoxy)methane	BDL	4.3	mg/kg	8270D	08/01/11	10
Bis(2-chloroethyl)ether	BDL	4.3	mg/kg	8270D	08/01/11	10
Bis(2-chloroisopropyl)ether	BDL	4.3	mg/kg	8270D	08/01/11	10
4-Bromophenyl-phenylether	BDL	4.3	mg/kg	8270D	08/01/11	10
2-Chloronaphthalene	BDL	0.42	mg/kg	8270D	08/01/11	10
4-Chlorophenyl-phenylether	BDL	4.3	mg/kg	8270D	08/01/11	10
Chrysene	BDL	0.42	mg/kg	8270D	08/01/11	10
Dibenz(a,h)anthracene	BDL	0.42	mg/kg	8270D	08/01/11	10
3,3-Dichlorobenzidine	BDL	4.3	mg/kg	8270D	08/01/11	10
2,4-Dinitrotoluene	BDL	4.3	mg/kg	8270D	08/01/11	10
2,6-Dinitrotoluene	BDL	4.3	mg/kg	8270D	08/01/11	10
Fluoranthene	BDL	0.42	mg/kg	8270D	08/01/11	10
Fluorene	BDL	0.42	mg/kg	8270D	08/01/11	10
Hexachlorobenzene	BDL	4.3	mg/kg	8270D	08/01/11	10
Hexachloro-1,3-butadiene	BDL	4.3	mg/kg	8270D	08/01/11	10
Hexachlorocyclopentadiene	BDL	4.3	mg/kg	8270D	08/01/11	10
Hexachloroethane	BDL	4.3	mg/kg	8270D	08/01/11	10
Indeno(1,2,3-cd)pyrene	BDL	0.42	mg/kg	8270D	08/01/11	10
Isophorone	BDL	4.3	mg/kg	8270D	08/01/11	10
Naphthalene	BDL	0.42	mg/kg	8270D	08/01/11	10
Nitrobenzene	BDL	4.3	mg/kg	8270D	08/01/11	10
n-Nitrosodimethylamine	BDL	4.3	mg/kg	8270D	08/01/11	10
n-Nitrosodiphenylamine	BDL	4.3	mg/kg	8270D	08/01/11	10
n-Nitrosodi-n-propylamine	BDL	4.3	mg/kg	8270D	08/01/11	10
Phenanthrene	BDL	0.42	mg/kg	8270D	08/01/11	10
Benzylbutyl phthalate	BDL	4.3	mg/kg	8270D	08/01/11	10
Bis(2-ethylhexyl)phthalate	BDL	4.3	mg/kg	8270D	08/01/11	10
Di-n-butyl phthalate	BDL	4.3	mg/kg	8270D	08/01/11	10
Diethyl phthalate	BDL	4.3	mg/kg	8270D	08/01/11	10
Dimethyl phthalate	BDL	4.3	mg/kg	8270D	08/01/11	10
Di-n-octyl phthalate	BDL	4.3	mg/kg	8270D	08/01/11	10

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528053-12

Date Received : July 27, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-10 1-2FT

Project # : B11174100

Collected By : Larry Bertsch
Collection Date : 07/26/11 15:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Pyrene	BDL	0.42	mg/kg	8270D	08/01/11	10
1,2,4-Trichlorobenzene	BDL	4.3	mg/kg	8270D	08/01/11	10
Acid Extractables						
4-Chloro-3-methylphenol	BDL	4.3	mg/kg	8270D	08/01/11	10
2-Chlorophenol	BDL	4.3	mg/kg	8270D	08/01/11	10
2,4-Dichlorophenol	BDL	4.3	mg/kg	8270D	08/01/11	10
2,4-Dimethylphenol	BDL	4.3	mg/kg	8270D	08/01/11	10
4,6-Dinitro-2-methylphenol	BDL	4.3	mg/kg	8270D	08/01/11	10
2,4-Dinitrophenol	BDL	4.3	mg/kg	8270D	08/01/11	10
2-Nitrophenol	BDL	4.3	mg/kg	8270D	08/01/11	10
4-Nitrophenol	BDL	4.3	mg/kg	8270D	08/01/11	10
Pentachlorophenol	BDL	4.3	mg/kg	8270D	08/01/11	10
Phenol	BDL	4.3	mg/kg	8270D	08/01/11	10
2,4,6-Trichlorophenol	BDL	4.3	mg/kg	8270D	08/01/11	10
Surrogate Recovery						
2-Fluorophenol	57.5		% Rec.	8270D	08/01/11	10
Phenol-d5	63.7		% Rec.	8270D	08/01/11	10
Nitrobenzene-d5	67.9		% Rec.	8270D	08/01/11	10
2-Fluorobiphenyl	55.8		% Rec.	8270D	08/01/11	10
2,4,6-Tribromophenol	41.4		% Rec.	8270D	08/01/11	10
p-Terphenyl-d14	91.0		% Rec.	8270D	08/01/11	10

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 08/03/11 17:31 Revised: 08/04/11 08:37

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528053-13

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : GP-8

Collected By : Larry Bertsch
Collection Date : 07/26/11 14:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury,Dissolved	BDL	0.20	ug/l	7470A	07/30/11	1
Arsenic,Dissolved	BDL	20.	ug/l	6010B	08/01/11	1
Barium,Dissolved	19.	5.0	ug/l	6010B	08/01/11	1
Cadmium,Dissolved	BDL	5.0	ug/l	6010B	08/01/11	1
Chromium,Dissolved	BDL	10.	ug/l	6010B	08/01/11	1
Lead,Dissolved	BDL	5.0	ug/l	6010B	08/01/11	1
Selenium,Dissolved	BDL	20.	ug/l	6010B	08/01/11	1
Silver,Dissolved	BDL	10.	ug/l	6010B	08/02/11	1
TPH (GC/FID) Low Fraction	BDL	100	ug/l	8015D/GRO	07/27/11	1
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	95.9		% Rec.	8015D/GRO	07/27/11	1
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	07/28/11	1
Acrolein	BDL	50.	ug/l	8260B	07/28/11	1
Acrylonitrile	BDL	10.	ug/l	8260B	07/28/11	1
Benzene	BDL	1.0	ug/l	8260B	07/28/11	1
Bromobenzene	BDL	1.0	ug/l	8260B	07/28/11	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	07/28/11	1
Bromoform	BDL	1.0	ug/l	8260B	07/28/11	1
Bromomethane	BDL	5.0	ug/l	8260B	07/28/11	1
n-Butylbenzene	BDL	1.0	ug/l	8260B	07/28/11	1
sec-Butylbenzene	BDL	1.0	ug/l	8260B	07/28/11	1
tert-Butylbenzene	BDL	1.0	ug/l	8260B	07/28/11	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	07/28/11	1
Chlorobenzene	BDL	1.0	ug/l	8260B	07/28/11	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	07/28/11	1
Chloroethane	BDL	5.0	ug/l	8260B	07/28/11	1
2-Chloroethyl vinyl ether	BDL	50.	ug/l	8260B	07/28/11	1
Chloroform	BDL	5.0	ug/l	8260B	07/28/11	1
Chloromethane	BDL	2.5	ug/l	8260B	07/28/11	1
2-Chlorotoluene	BDL	1.0	ug/l	8260B	07/28/11	1
4-Chlorotoluene	BDL	1.0	ug/l	8260B	07/28/11	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	07/28/11	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	07/28/11	1
Dibromomethane	BDL	1.0	ug/l	8260B	07/28/11	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/28/11	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/28/11	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/28/11	1
Dichlorodifluoromethane	BDL	5.0	ug/l	8260B	07/28/11	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	07/28/11	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	07/28/11	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L528053-13 (SV8270D) - Dilution due to matrix

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
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Chicago, IL 60603

August 04, 2011

ESC Sample # : L528053-13

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : GP-8

Collected By : Larry Bertsch
Collection Date : 07/26/11 14:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	07/28/11	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/28/11	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/28/11	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/28/11	1
1,1-Dichloropropene	BDL	1.0	ug/l	8260B	07/28/11	1
1,3-Dichloropropane	BDL	1.0	ug/l	8260B	07/28/11	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/28/11	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/28/11	1
2,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/28/11	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	07/28/11	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/28/11	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	8260B	07/28/11	1
Isopropylbenzene	BDL	1.0	ug/l	8260B	07/28/11	1
p-Isopropyltoluene	BDL	1.0	ug/l	8260B	07/28/11	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	07/28/11	1
Methylene Chloride	BDL	5.0	ug/l	8260B	07/28/11	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	07/28/11	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/28/11	1
Naphthalene	BDL	5.0	ug/l	8260B	07/28/11	1
n-Propylbenzene	BDL	1.0	ug/l	8260B	07/28/11	1
Styrene	BDL	1.0	ug/l	8260B	07/28/11	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/28/11	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/28/11	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	1.0	ug/l	8260B	07/28/11	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	07/28/11	1
Toluene	BDL	5.0	ug/l	8260B	07/28/11	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/28/11	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/28/11	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	07/28/11	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	07/28/11	1
Trichloroethene	BDL	1.0	ug/l	8260B	07/28/11	1
Trichlorofluoromethane	BDL	5.0	ug/l	8260B	07/28/11	1
1,2,3-Trichloropropane	BDL	2.5	ug/l	8260B	07/28/11	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/28/11	1
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/28/11	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/28/11	1
Vinyl chloride	BDL	1.0	ug/l	8260B	07/28/11	1
Xylenes, Total	BDL	3.0	ug/l	8260B	07/28/11	1
Surrogate Recovery						
Toluene-d8	97.9		% Rec.	8260B	07/28/11	1
Dibromofluoromethane	117.		% Rec.	8260B	07/28/11	1
4-Bromofluorobenzene	90.1		% Rec.	8260B	07/28/11	1
TPH (GC/FID) High Fraction	7000	100	ug/l	3510C / DR	08/01/11	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L528053-13 (SV8270D) - Dilution due to matrix

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528053-13

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : GP-8

Collected By : Larry Bertsch
Collection Date : 07/26/11 14:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate recovery(%)						
o-Terphenyl	62.9		% Rec.	3510C / DR	08/01/11	1
Base/Neutral Extractables						
Acenaphthene	BDL	20.	ug/l	8270D	07/29/11	20
Acenaphthylene	BDL	20.	ug/l	8270D	07/29/11	20
Anthracene	BDL	20.	ug/l	8270D	07/29/11	20
Benzidine	BDL	200	ug/l	8270D	07/29/11	20
Benzo(a)anthracene	BDL	20.	ug/l	8270D	07/29/11	20
Benzo(b)fluoranthene	BDL	20.	ug/l	8270D	07/29/11	20
Benzo(k)fluoranthene	BDL	20.	ug/l	8270D	07/29/11	20
Benzo(g,h,i)perylene	BDL	20.	ug/l	8270D	07/29/11	20
Benzo(a)pyrene	BDL	20.	ug/l	8270D	07/29/11	20
Bis(2-chlorethoxy)methane	BDL	200	ug/l	8270D	07/29/11	20
Bis(2-chloroethyl)ether	BDL	200	ug/l	8270D	07/29/11	20
Bis(2-chloroisopropyl)ether	BDL	200	ug/l	8270D	07/29/11	20
4-Bromophenyl-phenylether	BDL	200	ug/l	8270D	07/29/11	20
2-Chloronaphthalene	BDL	20.	ug/l	8270D	07/29/11	20
4-Chlorophenyl-phenylether	BDL	200	ug/l	8270D	07/29/11	20
Chrysene	BDL	20.	ug/l	8270D	07/29/11	20
Dibenz(a,h)anthracene	BDL	20.	ug/l	8270D	07/29/11	20
3,3-Dichlorobenzidine	BDL	200	ug/l	8270D	07/29/11	20
2,4-Dinitrotoluene	BDL	200	ug/l	8270D	07/29/11	20
2,6-Dinitrotoluene	BDL	200	ug/l	8270D	07/29/11	20
Fluoranthene	BDL	20.	ug/l	8270D	07/29/11	20
Fluorene	BDL	20.	ug/l	8270D	07/29/11	20
Hexachlorobenzene	BDL	20.	ug/l	8270D	07/29/11	20
Hexachloro-1,3-butadiene	BDL	200	ug/l	8270D	07/29/11	20
Hexachlorocyclopentadiene	BDL	200	ug/l	8270D	07/29/11	20
Hexachloroethane	BDL	200	ug/l	8270D	07/29/11	20
Indeno(1,2,3-cd)pyrene	BDL	20.	ug/l	8270D	07/29/11	20
Isophorone	BDL	200	ug/l	8270D	07/29/11	20
Naphthalene	BDL	20.	ug/l	8270D	07/29/11	20
Nitrobenzene	BDL	200	ug/l	8270D	07/29/11	20
n-Nitrosodimethylamine	BDL	200	ug/l	8270D	07/29/11	20
n-Nitrosodiphenylamine	BDL	200	ug/l	8270D	07/29/11	20
n-Nitrosodi-n-propylamine	BDL	200	ug/l	8270D	07/29/11	20
Phenanthrene	BDL	20.	ug/l	8270D	07/29/11	20
Benzylbutyl phthalate	BDL	20.	ug/l	8270D	07/29/11	20
Bis(2-ethylhexyl)phthalate	BDL	20.	ug/l	8270D	07/29/11	20
Di-n-butyl phthalate	BDL	20.	ug/l	8270D	07/29/11	20
Diethyl phthalate	BDL	20.	ug/l	8270D	07/29/11	20
Dimethyl phthalate	BDL	20.	ug/l	8270D	07/29/11	20
Di-n-octyl phthalate	BDL	20.	ug/l	8270D	07/29/11	20

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L528053-13 (SV8270D) - Dilution due to matrix

ESC
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Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528053-13

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : GP-8

Collected By : Larry Bertsch
Collection Date : 07/26/11 14:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pyrene	BDL	20.	ug/l	8270D	07/29/11	20
1,2,4-Trichlorobenzene	BDL	200	ug/l	8270D	07/29/11	20
Acid Extractables						
4-Chloro-3-methylphenol	BDL	200	ug/l	8270D	07/29/11	20
2-Chlorophenol	BDL	200	ug/l	8270D	07/29/11	20
2,4-Dichlorophenol	BDL	200	ug/l	8270D	07/29/11	20
2,4-Dimethylphenol	BDL	200	ug/l	8270D	07/29/11	20
4,6-Dinitro-2-methylphenol	BDL	200	ug/l	8270D	07/29/11	20
2,4-Dinitrophenol	BDL	200	ug/l	8270D	07/29/11	20
2-Nitrophenol	BDL	200	ug/l	8270D	07/29/11	20
4-Nitrophenol	BDL	200	ug/l	8270D	07/29/11	20
Pentachlorophenol	BDL	200	ug/l	8270D	07/29/11	20
Phenol	BDL	200	ug/l	8270D	07/29/11	20
2,4,6-Trichlorophenol	BDL	200	ug/l	8270D	07/29/11	20
Surrogate Recovery						
2-Fluorophenol	0.00		% Rec.	8270D	07/29/11	20
Phenol-d5	0.00		% Rec.	8270D	07/29/11	20
Nitrobenzene-d5	0.00		% Rec.	8270D	07/29/11	20
2-Fluorobiphenyl	0.00		% Rec.	8270D	07/29/11	20
2,4,6-Tribromophenol	0.00		% Rec.	8270D	07/29/11	20
p-Terphenyl-d14	0.00		% Rec.	8270D	07/29/11	20

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.
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Reported: 08/03/11 17:31 Revised: 08/04/11 08:37
L528053-13 (SV8270D) - Dilution due to matrix

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Mt. Juliet, TN 37122
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1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528053-14

Site ID : WHITSETT, NC

Project # : B11174100

Date Received : July 27, 2011
Description : Site Investigation

Sample ID : TRIP BLANK

Collected By : Larry Bertsch
Collection Date : 07/26/11 14:30

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	40.	100	ug/l		8015D/G	07/28/11	1
Surrogate Recovery-%								
a,a,a-Trifluorotoluene(FID)	97.9			% Rec.		8015D/G	07/28/11	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 08/03/11 17:31 Revised: 08/04/11 08:37

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L528053-01	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
L528053-02	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
L528053-03	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
L528053-04	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
L528053-05	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
L528053-06	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
L528053-07	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
L528053-08	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
L528053-09	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
	WG547730	SAMP	Barium	R1801113	J3
	WG547730	SAMP	Lead	R1801113	J3
L528053-10	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
	WG547764	SAMP	Arsenic	R1789430	O
	WG547764	SAMP	Lead	R1789430	O
L528053-11	WG547829	SAMP	Styrene	R1789711	J4
	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
	WG547764	SAMP	Arsenic	R1789430	O
L528053-12	WG547829	SAMP	Styrene	R1789711	J4
	WG548011	SAMP	o-Terphenyl	R1801733	J7
	WG547937	SAMP	Acenaphthene	R1800294	J3O
	WG547937	SAMP	Acenaphthylene	R1800294	J3O
	WG547937	SAMP	Anthracene	R1800294	J3O
	WG547937	SAMP	Benzidine	R1800294	J4J3O
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3O
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3O
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3O
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3O
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3O
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3O
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3O
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3O
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3O
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3O
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3O
	WG547937	SAMP	Chrysene	R1800294	J3O
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3O
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3O
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3O
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3O
	WG547937	SAMP	Fluoranthene	R1800294	J3O
	WG547937	SAMP	Fluorene	R1800294	J3O
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3O
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3O
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3O
	WG547937	SAMP	Hexachloroethane	R1800294	O
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3O
	WG547937	SAMP	Isophorone	R1800294	J3O
	WG547937	SAMP	Naphthalene	R1800294	J3O
	WG547937	SAMP	Nitrobenzene	R1800294	J3O
	WG547937	SAMP	n-Nitrosodimethylamine	R1800294	O
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3O
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3O
	WG547937	SAMP	Phenanthrene	R1800294	J3O

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3O
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3O
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3O
	WG547937	SAMP	Diethyl phthalate	R1800294	J3O
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3O
	WG547937	SAMP	Di-n-octyl phthalate	R1800294	O
	WG547937	SAMP	Pyrene	R1800294	J3O
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3O
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3O
	WG547937	SAMP	2-Chlorophenol	R1800294	J3O
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3O
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3O
	WG547937	SAMP	4,6-Dinitro-2-methylphenol	R1800294	O
	WG547937	SAMP	2,4-Dinitrophenol	R1800294	O
	WG547937	SAMP	2-Nitrophenol	R1800294	J3O
	WG547937	SAMP	4-Nitrophenol	R1800294	J3O
	WG547937	SAMP	Pentachlorophenol	R1800294	O
	WG547937	SAMP	Phenol	R1800294	J3O
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3O
	WG547764	SAMP	Arsenic	R1789430	O
L528053-13	WG548497	SAMP	Silver,Dissolved	R1799750	J6
	WG547820	SAMP	Acenaphthene	R1794690	O
	WG547820	SAMP	Acenaphthylene	R1794690	O
	WG547820	SAMP	Anthracene	R1794690	O
	WG547820	SAMP	Benzidine	R1794690	O
	WG547820	SAMP	Benzo(a)anthracene	R1794690	O
	WG547820	SAMP	Benzo(b)fluoranthene	R1794690	O
	WG547820	SAMP	Benzo(k)fluoranthene	R1794690	O
	WG547820	SAMP	Benzo(g,h,i)perylene	R1794690	O
	WG547820	SAMP	Benzo(a)pyrene	R1794690	O
	WG547820	SAMP	Bis(2-chlorethoxy)methane	R1794690	O
	WG547820	SAMP	Bis(2-chloroethyl)ether	R1794690	O
	WG547820	SAMP	Bis(2-chloroisopropyl)ether	R1794690	O
	WG547820	SAMP	4-Bromophenyl-phenylether	R1794690	O
	WG547820	SAMP	2-Chloronaphthalene	R1794690	O
	WG547820	SAMP	4-Chlorophenyl-phenylether	R1794690	O
	WG547820	SAMP	Chrysene	R1794690	O
	WG547820	SAMP	Dibenz(a,h)anthracene	R1794690	O
	WG547820	SAMP	3,3-Dichlorobenzidine	R1794690	O
	WG547820	SAMP	2,4-Dinitrotoluene	R1794690	O
	WG547820	SAMP	2,6-Dinitrotoluene	R1794690	O
	WG547820	SAMP	Fluoranthene	R1794690	O
	WG547820	SAMP	Fluorene	R1794690	O
	WG547820	SAMP	Hexachlorobenzene	R1794690	O
	WG547820	SAMP	Hexachloro-1,3-butadiene	R1794690	O
	WG547820	SAMP	Hexachlorocyclopentadiene	R1794690	O
	WG547820	SAMP	Hexachloroethane	R1794690	O
	WG547820	SAMP	Indeno(1,2,3-cd)pyrene	R1794690	O
	WG547820	SAMP	Isophorone	R1794690	O
	WG547820	SAMP	Naphthalene	R1794690	O
	WG547820	SAMP	Nitrobenzene	R1794690	O
	WG547820	SAMP	n-Nitrosodimethylamine	R1794690	O
	WG547820	SAMP	n-Nitrosodiphenylamine	R1794690	O
	WG547820	SAMP	n-Nitrosodi-n-propylamine	R1794690	O
	WG547820	SAMP	Phenanthrene	R1794690	O
	WG547820	SAMP	Benzylbutyl phthalate	R1794690	O
	WG547820	SAMP	Bis(2-ethylhexyl)phthalate	R1794690	O
	WG547820	SAMP	Di-n-butyl phthalate	R1794690	O
	WG547820	SAMP	Diethyl phthalate	R1794690	O
	WG547820	SAMP	Dimethyl phthalate	R1794690	O
	WG547820	SAMP	Di-n-octyl phthalate	R1794690	O
	WG547820	SAMP	Pyrene	R1794690	O
	WG547820	SAMP	1,2,4-Trichlorobenzene	R1794690	O
	WG547820	SAMP	4-Chloro-3-methylphenol	R1794690	O
	WG547820	SAMP	2-Chlorophenol	R1794690	O
	WG547820	SAMP	2,4-Dichlorophenol	R1794690	O
	WG547820	SAMP	2,4-Dimethylphenol	R1794690	O
	WG547820	SAMP	4,6-Dinitro-2-methylphenol	R1794690	O
	WG547820	SAMP	2,4-Dinitrophenol	R1794690	O
	WG547820	SAMP	2-Nitrophenol	R1794690	O

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG547820	SAMP	4-Nitrophenol	R1794690	O
	WG547820	SAMP	Pentachlorophenol	R1794690	O
	WG547820	SAMP	Phenol	R1794690	O
	WG547820	SAMP	2,4,6-Trichlorophenol	R1794690	O
	WG547820	SAMP	2-Fluorophenol	R1794690	J7
	WG547820	SAMP	Phenol-d5	R1794690	J7
	WG547820	SAMP	Nitrobenzene-d5	R1794690	J7
	WG547820	SAMP	2-Fluorobiphenyl	R1794690	J7
	WG547820	SAMP	2,4,6-Tribromophenol	R1794690	J7
	WG547820	SAMP	p-Terphenyl-d14	R1794690	J7

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out
O	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

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Tax I.D. 62-0814289

Est. 1970

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

Report Summary

Friday August 12, 2011

Report Number: L530291
Samples Received: 07/28/11
Client Project: B11164100

Description: Site Investigation

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: John Hawkins

John Hawkins , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140
NJ - TN002,NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A,
TX - T104704245, OK-9915

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.

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REPORT OF ANALYSIS

Larry Bertsch
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135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 12, 2011

ESC Sample # : L530291-01

Date Received : July 28, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-14 8-10 FT

Project # : B11164100

Collected By : Larry Bertsch
Collection Date : 07/27/11 10:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Chromium,Hexavalent	BDL	2.0	mg/kg	3060A/7196A	08/12/11	1
ORP	140		mV	2580	08/10/11	1
pH	8.3		su	9045D	08/11/11	1
Total Solids	87.3		%	2540G	08/03/11	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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.
Reported: 08/12/11 10:51 Revised: 08/12/11 16:15
L530291-01 (PH) - 8.3@20.8c

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 12, 2011

ESC Sample # : L530291-02

Date Received : July 28, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-15 3-5 FT

Project # : B11164100

Collected By : Larry Bertsch
Collection Date : 07/27/11 10:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Chromium,Hexavalent	BDL	2.0	mg/kg	3060A/7196A	08/12/11	1
ORP	120		mV	2580	08/10/11	1
pH	7.3		su	9045D	08/11/11	1
Total Solids	94.4		%	2540G	08/03/11	1

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: 08/12/11 10:51 Revised: 08/12/11 16:15
L530291-02 (PH) - 7.3@21.0c

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Tax I.D. 62-0814289

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Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

Report Summary

Thursday August 04, 2011

Report Number: L528288
Samples Received: 07/28/11
Client Project: B11164100

Description: Site Investigation

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: John Hawkins

John Hawkins , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
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TX - T104704245, OK-9915

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528288-01

Date Received : July 28, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-11 3-5FT

Project # : B11164100

Collected By : Larry Bertsch
Collection Date : 07/27/11 08:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	89.		%	2540G	08/03/11	1
Mercury	BDL	0.022	mg/kg	7471	08/01/11	1
Arsenic	BDL	1.1	mg/kg	6010B	07/31/11	1
Barium	150	0.28	mg/kg	6010B	07/31/11	1
Cadmium	BDL	0.28	mg/kg	6010B	07/31/11	1
Chromium	48.	0.56	mg/kg	6010B	07/31/11	1
Lead	2.9	0.28	mg/kg	6010B	07/31/11	1
Selenium	BDL	5.6	mg/kg	6010B	07/31/11	5
Silver	BDL	0.56	mg/kg	6010B	07/31/11	1
Volatile Organics						
Acetone	BDL	0.056	mg/kg	8260B	07/29/11	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/29/11	1
Benzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/29/11	1
Bromomethane	BDL	0.0056	mg/kg	8260B	07/29/11	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/29/11	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Chloroethane	BDL	0.0056	mg/kg	8260B	07/29/11	1
2-Chloroethyl vinyl ether	BDL	0.056	mg/kg	8260B	07/29/11	1
Chloroform	BDL	0.0056	mg/kg	8260B	07/29/11	1
Chloromethane	BDL	0.0028	mg/kg	8260B	07/29/11	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/29/11	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,2-Dibromo-3-Chloropropane	BDL	0.0056	mg/kg	8260B	07/29/11	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Dichlorodifluoromethane	BDL	0.0056	mg/kg	8260B	07/29/11	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/29/11	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/29/11	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/29/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528288-01

Date Received : July 28, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-11 3-5FT

Project # : B11164100

Collected By : Larry Bertsch
Collection Date : 07/27/11 08:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/29/11	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/29/11	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/29/11	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/29/11	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/29/11	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	07/29/11	1
Methylene Chloride	BDL	0.0056	mg/kg	8260B	07/29/11	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/29/11	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/29/11	1
Naphthalene	BDL	0.0056	mg/kg	8260B	07/29/11	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Styrene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Toluene	BDL	0.0056	mg/kg	8260B	07/29/11	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/29/11	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Trichlorofluoromethane	BDL	0.0056	mg/kg	8260B	07/29/11	1
1,2,3-Trichloropropane	BDL	0.0028	mg/kg	8260B	07/29/11	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/29/11	1
Xylenes, Total	BDL	0.0034	mg/kg	8260B	07/29/11	1
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	07/29/11	1
Dibromofluoromethane	102.		% Rec.	8260B	07/29/11	1
4-Bromofluorobenzene	96.6		% Rec.	8260B	07/29/11	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.037	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.037	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.037	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.37	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-01

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-11 3-5FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 08:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	BDL	0.037	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.037	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.037	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.037	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.037	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.37	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.37	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.37	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.37	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.037	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.37	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.037	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.037	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.37	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.37	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.37	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.037	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.037	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.37	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.37	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.37	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.37	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.037	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.37	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.037	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.37	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.37	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.37	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.37	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.037	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.37	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.37	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.37	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.37	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.37	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.37	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.037	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.37	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.37	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.37	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.37	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.37	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.37	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-01

Date Received : July 28, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-11 3-5FT

Project # : B11164100

Collected By : Larry Bertsch
Collection Date : 07/27/11 08:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.37	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.37	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.37	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.37	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.37	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.37	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	74.0		% Rec.	8270D	08/01/11	1
Phenol-d5	84.8		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	67.6		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	76.1		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	65.7		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	69.0		% Rec.	8270D	08/01/11	1

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Reported: 08/03/11 14:12 Revised: 08/04/11 08:41

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
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August 04, 2011

ESC Sample # : L528288-02

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-12 5-7FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 09:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	76.		%	2540G	08/03/11	1
Mercury	BDL	0.026	mg/kg	7471	08/01/11	1
Arsenic	1.9	1.3	mg/kg	6010B	07/31/11	1
Barium	150	0.33	mg/kg	6010B	07/31/11	1
Cadmium	BDL	0.33	mg/kg	6010B	07/31/11	1
Chromium	35.	0.66	mg/kg	6010B	07/31/11	1
Lead	3.0	0.33	mg/kg	6010B	07/31/11	1
Selenium	BDL	6.6	mg/kg	6010B	07/31/11	5
Silver	BDL	0.66	mg/kg	6010B	07/31/11	1
Volatile Organics						
Acetone	BDL	0.066	mg/kg	8260B	07/29/11	1
Acrylonitrile	BDL	0.013	mg/kg	8260B	07/29/11	1
Benzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Bromoform	BDL	0.0013	mg/kg	8260B	07/29/11	1
Bromomethane	BDL	0.0066	mg/kg	8260B	07/29/11	1
n-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
sec-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
tert-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	07/29/11	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Chlorodibromomethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Chloroethane	BDL	0.0066	mg/kg	8260B	07/29/11	1
2-Chloroethyl vinyl ether	BDL	0.066	mg/kg	8260B	07/29/11	1
Chloroform	BDL	0.0066	mg/kg	8260B	07/29/11	1
Chloromethane	BDL	0.0033	mg/kg	8260B	07/29/11	1
2-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/29/11	1
4-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,2-Dibromo-3-Chloropropane	BDL	0.0066	mg/kg	8260B	07/29/11	1
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Dibromomethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Dichlorodifluoromethane	BDL	0.0066	mg/kg	8260B	07/29/11	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/29/11	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/29/11	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/29/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528288-02

Date Received : July 28, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-12 5-7FT

Project # : B11164100

Collected By : Larry Bertsch
Collection Date : 07/27/11 09:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,3-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/29/11	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/29/11	1
trans-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/29/11	1
2,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	07/29/11	1
Ethylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Hexachloro-1,3-butadiene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Isopropylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
p-Isopropyltoluene	BDL	0.0013	mg/kg	8260B	07/29/11	1
2-Butanone (MEK)	BDL	0.013	mg/kg	8260B	07/29/11	1
Methylene Chloride	BDL	0.0066	mg/kg	8260B	07/29/11	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	07/29/11	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	07/29/11	1
Naphthalene	BDL	0.0066	mg/kg	8260B	07/29/11	1
n-Propylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Styrene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,1,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Toluene	BDL	0.0066	mg/kg	8260B	07/29/11	1
1,2,3-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,2,4-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	07/29/11	1
Trichloroethene	0.0028	0.0013	mg/kg	8260B	07/29/11	1
Trichlorofluoromethane	BDL	0.0066	mg/kg	8260B	07/29/11	1
1,2,3-Trichloropropane	BDL	0.0033	mg/kg	8260B	07/29/11	1
1,2,4-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,3,5-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Vinyl chloride	BDL	0.0013	mg/kg	8260B	07/29/11	1
Xylenes, Total	BDL	0.0039	mg/kg	8260B	07/29/11	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	07/29/11	1
Dibromofluoromethane	102.		% Rec.	8260B	07/29/11	1
4-Bromofluorobenzene	97.6		% Rec.	8260B	07/29/11	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.043	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.44	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-02

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-12 5-7FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 09:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.44	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.44	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.44	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.44	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.043	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.44	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.043	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.44	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.44	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.44	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.043	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.44	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.44	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.44	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.44	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.44	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.043	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.44	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.44	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.44	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.44	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.44	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.44	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.44	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528288-02

Date Received : July 28, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-12 5-7FT

Project # : B11164100

Collected By : Larry Bertsch
Collection Date : 07/27/11 09:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	59.1		% Rec.	8270D	08/01/11	1
Phenol-d5	59.7		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	57.9		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	66.3		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	43.6		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	58.0		% Rec.	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 08/03/11 14:12 Revised: 08/04/11 08:42

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REPORT OF ANALYSIS

Larry Bertsch
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August 04,2011

ESC Sample # : L528288-03

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-13 5-6FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 09:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	79.		%	2540G	08/03/11	1
Mercury	BDL	0.025	mg/kg	7471	08/01/11	1
Arsenic	1.6	1.3	mg/kg	6010B	07/31/11	1
Barium	200	0.32	mg/kg	6010B	07/31/11	1
Cadmium	BDL	0.32	mg/kg	6010B	07/31/11	1
Chromium	51.	0.63	mg/kg	6010B	07/31/11	1
Lead	3.5	0.32	mg/kg	6010B	07/31/11	1
Selenium	BDL	6.3	mg/kg	6010B	07/31/11	5
Silver	0.64	0.63	mg/kg	6010B	07/31/11	1
Volatile Organics						
Acetone	BDL	0.063	mg/kg	8260B	07/29/11	1
Acrylonitrile	BDL	0.013	mg/kg	8260B	07/29/11	1
Benzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Bromoform	BDL	0.0013	mg/kg	8260B	07/29/11	1
Bromomethane	BDL	0.0063	mg/kg	8260B	07/29/11	1
n-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
sec-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
tert-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	07/29/11	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Chlorodibromomethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Chloroethane	BDL	0.0063	mg/kg	8260B	07/29/11	1
2-Chloroethyl vinyl ether	BDL	0.063	mg/kg	8260B	07/29/11	1
Chloroform	BDL	0.0063	mg/kg	8260B	07/29/11	1
Chloromethane	BDL	0.0032	mg/kg	8260B	07/29/11	1
2-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/29/11	1
4-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,2-Dibromo-3-Chloropropane	BDL	0.0063	mg/kg	8260B	07/29/11	1
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Dibromomethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Dichlorodifluoromethane	BDL	0.0063	mg/kg	8260B	07/29/11	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/29/11	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/29/11	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/29/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-03

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-13 5-6FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 09:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,3-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/29/11	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/29/11	1
trans-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/29/11	1
2,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	07/29/11	1
Ethylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Hexachloro-1,3-butadiene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Isopropylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
p-Isopropyltoluene	BDL	0.0013	mg/kg	8260B	07/29/11	1
2-Butanone (MEK)	BDL	0.013	mg/kg	8260B	07/29/11	1
Methylene Chloride	BDL	0.0063	mg/kg	8260B	07/29/11	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	07/29/11	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	07/29/11	1
Naphthalene	BDL	0.0063	mg/kg	8260B	07/29/11	1
n-Propylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Styrene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,1,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Toluene	BDL	0.0063	mg/kg	8260B	07/29/11	1
1,2,3-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,2,4-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	07/29/11	1
Trichloroethene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Trichlorofluoromethane	BDL	0.0063	mg/kg	8260B	07/29/11	1
1,2,3-Trichloropropane	BDL	0.0032	mg/kg	8260B	07/29/11	1
1,2,4-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,3,5-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Vinyl chloride	BDL	0.0013	mg/kg	8260B	07/29/11	1
Xylenes, Total	BDL	0.0038	mg/kg	8260B	07/29/11	1
Surrogate Recovery						
Toluene-d8	107.		% Rec.	8260B	07/29/11	1
Dibromofluoromethane	102.		% Rec.	8260B	07/29/11	1
4-Bromofluorobenzene	95.3		% Rec.	8260B	07/29/11	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.042	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.042	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.42	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
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Chicago, IL 60603

August 04,2011

ESC Sample # : L528288-03

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-13 5-6FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 09:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.042	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.42	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.42	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.42	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.42	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.042	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.42	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.042	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.042	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.42	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.42	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.42	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.042	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.042	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.42	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.42	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.42	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.42	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.042	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.42	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.042	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.42	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.42	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.42	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.42	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.042	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.42	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.42	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.42	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.42	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.42	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.42	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.042	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.42	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.42	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.42	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.42	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.42	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.42	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-03

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-13 5-6FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 09:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.42	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.42	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.42	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.42	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.42	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.42	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	70.3		% Rec.	8270D	08/01/11	1
Phenol-d5	82.3		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	62.0		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	68.8		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	69.9		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	65.6		% Rec.	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 08/03/11 14:12 Revised: 08/04/11 08:42

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REPORT OF ANALYSIS

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August 04, 2011

ESC Sample # : L528288-04

Date Received : July 28, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-14 8-10FT

Project # : B11164100

Collected By : Larry Bertsch
Collection Date : 07/27/11 10:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	87.		%	2540G	08/03/11	1
Mercury	BDL	0.023	mg/kg	7471	08/01/11	1
Arsenic	BDL	5.7	mg/kg	6010B	07/31/11	5
Barium	180	0.29	mg/kg	6010B	07/31/11	1
Cadmium	0.58	0.29	mg/kg	6010B	07/31/11	1
Chromium	180	0.57	mg/kg	6010B	07/31/11	1
Lead	7.0	0.29	mg/kg	6010B	07/31/11	1
Selenium	BDL	5.7	mg/kg	6010B	07/31/11	5
Silver	0.91	0.57	mg/kg	6010B	07/31/11	1
Volatile Organics						
Acetone	BDL	0.057	mg/kg	8260B	07/29/11	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/29/11	1
Benzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/29/11	1
Bromomethane	BDL	0.0057	mg/kg	8260B	07/29/11	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/29/11	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Chloroethane	BDL	0.0057	mg/kg	8260B	07/29/11	1
2-Chloroethyl vinyl ether	BDL	0.057	mg/kg	8260B	07/29/11	1
Chloroform	BDL	0.0057	mg/kg	8260B	07/29/11	1
Chloromethane	BDL	0.0029	mg/kg	8260B	07/29/11	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/29/11	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,2-Dibromo-3-Chloropropane	BDL	0.0057	mg/kg	8260B	07/29/11	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Dichlorodifluoromethane	BDL	0.0057	mg/kg	8260B	07/29/11	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/29/11	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/29/11	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/29/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-04

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-14 8-10FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 10:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/29/11	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/29/11	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/29/11	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/29/11	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/29/11	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	07/29/11	1
Methylene Chloride	BDL	0.0057	mg/kg	8260B	07/29/11	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/29/11	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/29/11	1
Naphthalene	BDL	0.0057	mg/kg	8260B	07/29/11	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Styrene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Toluene	BDL	0.0057	mg/kg	8260B	07/29/11	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/29/11	1
Trichloroethene	0.030	0.0011	mg/kg	8260B	07/29/11	1
Trichlorofluoromethane	BDL	0.0057	mg/kg	8260B	07/29/11	1
1,2,3-Trichloropropane	BDL	0.0029	mg/kg	8260B	07/29/11	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/29/11	1
Xylenes, Total	BDL	0.0034	mg/kg	8260B	07/29/11	1
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	07/29/11	1
Dibromofluoromethane	105.		% Rec.	8260B	07/29/11	1
4-Bromofluorobenzene	95.9		% Rec.	8260B	07/29/11	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.038	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.038	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.038	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.38	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-04

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-14 8-10FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 10:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	BDL	0.038	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.038	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.038	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.038	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.038	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.38	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.38	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.38	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.38	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.038	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.38	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.038	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.038	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.38	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.38	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.38	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.038	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.038	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.38	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.38	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.38	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.38	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.038	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.38	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.038	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.38	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.38	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.38	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.38	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.038	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.38	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.38	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.38	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.38	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.38	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.38	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.038	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.38	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.38	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.38	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.38	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.38	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.38	mg/kg	8270D	08/01/11	1

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-04

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-14 8-10FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 10:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.38	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.38	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.38	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.38	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.38	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.38	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	73.3		% Rec.	8270D	08/01/11	1
Phenol-d5	80.9		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	66.3		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	69.7		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	55.0		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	58.6		% Rec.	8270D	08/01/11	1

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Reported: 08/03/11 14:12 Revised: 08/04/11 08:42

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REPORT OF ANALYSIS

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August 04, 2011

ESC Sample # : L528288-05

Date Received : July 28, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : WP-15 3-5FT

Project # : B11164100

Collected By : Larry Bertsch
Collection Date : 07/27/11 10:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	94.		%	2540G	08/03/11	1
Mercury	BDL	0.021	mg/kg	7471	08/01/11	1
Arsenic	BDL	1.0	mg/kg	6010B	07/31/11	1
Barium	81.	0.26	mg/kg	6010B	07/31/11	1
Cadmium	BDL	0.26	mg/kg	6010B	07/31/11	1
Chromium	200	0.53	mg/kg	6010B	07/31/11	1
Lead	3.0	0.26	mg/kg	6010B	07/31/11	1
Selenium	BDL	5.3	mg/kg	6010B	07/31/11	5
Silver	BDL	0.53	mg/kg	6010B	07/31/11	1
Volatile Organics						
Acetone	BDL	0.053	mg/kg	8260B	07/29/11	1
Acrylonitrile	BDL	0.010	mg/kg	8260B	07/29/11	1
Benzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
Bromobenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
Bromodichloromethane	BDL	0.0010	mg/kg	8260B	07/29/11	1
Bromoform	BDL	0.0010	mg/kg	8260B	07/29/11	1
Bromomethane	BDL	0.0053	mg/kg	8260B	07/29/11	1
n-Butylbenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
sec-Butylbenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
tert-Butylbenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
Carbon tetrachloride	BDL	0.0010	mg/kg	8260B	07/29/11	1
Chlorobenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
Chlorodibromomethane	BDL	0.0010	mg/kg	8260B	07/29/11	1
Chloroethane	BDL	0.0053	mg/kg	8260B	07/29/11	1
2-Chloroethyl vinyl ether	BDL	0.053	mg/kg	8260B	07/29/11	1
Chloroform	BDL	0.0053	mg/kg	8260B	07/29/11	1
Chloromethane	BDL	0.0026	mg/kg	8260B	07/29/11	1
2-Chlorotoluene	BDL	0.0010	mg/kg	8260B	07/29/11	1
4-Chlorotoluene	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,2-Dibromo-3-Chloropropane	BDL	0.0053	mg/kg	8260B	07/29/11	1
1,2-Dibromoethane	BDL	0.0010	mg/kg	8260B	07/29/11	1
Dibromomethane	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,2-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,3-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,4-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
Dichlorodifluoromethane	BDL	0.0053	mg/kg	8260B	07/29/11	1
1,1-Dichloroethane	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,2-Dichloroethane	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,1-Dichloroethene	BDL	0.0010	mg/kg	8260B	07/29/11	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	07/29/11	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	07/29/11	1

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REPORT OF ANALYSIS

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Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-05

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-15 3-5FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 10:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,1-Dichloropropene	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,3-Dichloropropane	BDL	0.0010	mg/kg	8260B	07/29/11	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	07/29/11	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	07/29/11	1
2,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	07/29/11	1
Di-isopropyl ether	BDL	0.0010	mg/kg	8260B	07/29/11	1
Ethylbenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/kg	8260B	07/29/11	1
Isopropylbenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
p-Isopropyltoluene	BDL	0.0010	mg/kg	8260B	07/29/11	1
2-Butanone (MEK)	BDL	0.010	mg/kg	8260B	07/29/11	1
Methylene Chloride	BDL	0.0053	mg/kg	8260B	07/29/11	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/kg	8260B	07/29/11	1
Methyl tert-butyl ether	BDL	0.0010	mg/kg	8260B	07/29/11	1
Naphthalene	BDL	0.0053	mg/kg	8260B	07/29/11	1
n-Propylbenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
Styrene	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	07/29/11	1
Tetrachloroethene	BDL	0.0010	mg/kg	8260B	07/29/11	1
Toluene	BDL	0.0053	mg/kg	8260B	07/29/11	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,1,1-Trichloroethane	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,1,2-Trichloroethane	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/kg	8260B	07/29/11	1
Trichloroethene	BDL	0.0010	mg/kg	8260B	07/29/11	1
Trichlorofluoromethane	BDL	0.0053	mg/kg	8260B	07/29/11	1
1,2,3-Trichloropropane	BDL	0.0026	mg/kg	8260B	07/29/11	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	07/29/11	1
Vinyl chloride	BDL	0.0010	mg/kg	8260B	07/29/11	1
Xylenes, Total	BDL	0.0032	mg/kg	8260B	07/29/11	1
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	07/29/11	1
Dibromofluoromethane	101.		% Rec.	8260B	07/29/11	1
4-Bromofluorobenzene	93.9		% Rec.	8260B	07/29/11	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.035	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.035	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.035	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.35	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
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August 04, 2011

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Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-15 3-5FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 10:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	BDL	0.035	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.035	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.035	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.035	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.035	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.35	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.35	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.35	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.35	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.035	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.35	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.035	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.035	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.35	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.35	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.35	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.035	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.035	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.35	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.35	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.35	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.35	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.035	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.35	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.035	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.35	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.35	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.35	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.35	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.035	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.35	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.35	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.35	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.35	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.35	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.35	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.035	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.35	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.35	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.35	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.35	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.35	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.35	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
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Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-05

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-15 3-5FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 10:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.35	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.35	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.35	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.35	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.35	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.35	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	75.8		% Rec.	8270D	08/01/11	1
Phenol-d5	85.4		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	71.5		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	79.8		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	65.1		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	65.2		% Rec.	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 08/03/11 14:12 Revised: 08/04/11 08:42

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REPORT OF ANALYSIS

Larry Bertsch
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Chicago, IL 60603

August 04,2011

ESC Sample # : L528288-06

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-16 3-5FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 12:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	92.		%	2540G	08/03/11	1
Mercury	BDL	0.022	mg/kg	7471	08/01/11	1
Arsenic	BDL	1.1	mg/kg	6010B	07/31/11	1
Barium	79.	0.27	mg/kg	6010B	07/31/11	1
Cadmium	BDL	0.27	mg/kg	6010B	07/31/11	1
Chromium	35.	0.54	mg/kg	6010B	07/31/11	1
Lead	2.1	0.27	mg/kg	6010B	07/31/11	1
Selenium	BDL	5.4	mg/kg	6010B	07/31/11	5
Silver	BDL	0.54	mg/kg	6010B	07/31/11	1
Volatile Organics						
Acetone	BDL	0.054	mg/kg	8260B	07/29/11	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/29/11	1
Benzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/29/11	1
Bromomethane	BDL	0.0054	mg/kg	8260B	07/29/11	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/29/11	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Chloroethane	BDL	0.0054	mg/kg	8260B	07/29/11	1
2-Chloroethyl vinyl ether	BDL	0.054	mg/kg	8260B	07/29/11	1
Chloroform	BDL	0.0054	mg/kg	8260B	07/29/11	1
Chloromethane	BDL	0.0027	mg/kg	8260B	07/29/11	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/29/11	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,2-Dibromo-3-Chloropropane	BDL	0.0054	mg/kg	8260B	07/29/11	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Dichlorodifluoromethane	BDL	0.0054	mg/kg	8260B	07/29/11	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/29/11	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/29/11	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/29/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-06

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-16 3-5FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 12:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/29/11	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/29/11	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/29/11	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/29/11	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/29/11	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	07/29/11	1
Methylene Chloride	BDL	0.0054	mg/kg	8260B	07/29/11	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/29/11	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/29/11	1
Naphthalene	BDL	0.0054	mg/kg	8260B	07/29/11	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Styrene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Toluene	BDL	0.0054	mg/kg	8260B	07/29/11	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/29/11	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Trichlorofluoromethane	BDL	0.0054	mg/kg	8260B	07/29/11	1
1,2,3-Trichloropropane	BDL	0.0027	mg/kg	8260B	07/29/11	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/29/11	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/29/11	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	07/29/11	1
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	07/29/11	1
Dibromofluoromethane	102.		% Rec.	8260B	07/29/11	1
4-Bromofluorobenzene	96.6		% Rec.	8260B	07/29/11	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.036	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.036	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.36	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
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Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-06

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-16 3-5FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 12:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzo(a)anthracene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.036	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.36	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.36	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.36	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.36	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.036	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.36	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.036	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.036	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.36	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.36	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.36	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.036	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.036	mg/kg	8270D	08/01/11	1
Hexachlorobenzene	BDL	0.36	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.36	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.36	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.36	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.036	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.36	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.036	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.36	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.36	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.36	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.36	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.036	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.36	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.036	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.36	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.36	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.36	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528288-06

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-16 3-5FT

Collected By : Larry Bertsch
Collection Date : 07/27/11 12:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
2,4-Dinitrophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.36	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.36	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	81.5		% Rec.	8270D	08/01/11	1
Phenol-d5	95.2		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	70.9		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	78.4		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	76.7		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	67.3		% Rec.	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 08/03/11 14:12 Revised: 08/04/11 08:42

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REPORT OF ANALYSIS

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August 04, 2011

ESC Sample # : L528288-07

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : SS-1

Collected By : Larry Bertsch
Collection Date : 07/27/11 13:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	71.		%	2540G	08/03/11	1
Mercury	BDL	0.028	mg/kg	7471	08/01/11	1
Arsenic	BDL	1.4	mg/kg	6010B	07/31/11	1
Barium	110	0.35	mg/kg	6010B	07/31/11	1
Cadmium	BDL	0.35	mg/kg	6010B	07/31/11	1
Chromium	69.	0.70	mg/kg	6010B	07/31/11	1
Lead	8.7	0.35	mg/kg	6010B	07/31/11	1
Selenium	BDL	7.0	mg/kg	6010B	07/31/11	5
Silver	BDL	0.70	mg/kg	6010B	07/31/11	1
Volatile Organics						
Acetone	BDL	0.070	mg/kg	8260B	07/29/11	1
Acrylonitrile	BDL	0.014	mg/kg	8260B	07/29/11	1
Benzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
Bromobenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
Bromodichloromethane	BDL	0.0014	mg/kg	8260B	07/29/11	1
Bromoform	BDL	0.0014	mg/kg	8260B	07/29/11	1
Bromomethane	BDL	0.0070	mg/kg	8260B	07/29/11	1
n-Butylbenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
sec-Butylbenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
tert-Butylbenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
Carbon tetrachloride	BDL	0.0014	mg/kg	8260B	07/29/11	1
Chlorobenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
Chlorodibromomethane	BDL	0.0014	mg/kg	8260B	07/29/11	1
Chloroethane	BDL	0.0070	mg/kg	8260B	07/29/11	1
2-Chloroethyl vinyl ether	BDL	0.070	mg/kg	8260B	07/29/11	1
Chloroform	BDL	0.0070	mg/kg	8260B	07/29/11	1
Chloromethane	BDL	0.0035	mg/kg	8260B	07/29/11	1
2-Chlorotoluene	BDL	0.0014	mg/kg	8260B	07/29/11	1
4-Chlorotoluene	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,2-Dibromo-3-Chloropropane	BDL	0.0070	mg/kg	8260B	07/29/11	1
1,2-Dibromoethane	BDL	0.0014	mg/kg	8260B	07/29/11	1
Dibromomethane	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,2-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,3-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,4-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
Dichlorodifluoromethane	BDL	0.0070	mg/kg	8260B	07/29/11	1
1,1-Dichloroethane	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,2-Dichloroethane	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,1-Dichloroethene	BDL	0.0014	mg/kg	8260B	07/29/11	1
cis-1,2-Dichloroethene	BDL	0.0014	mg/kg	8260B	07/29/11	1
trans-1,2-Dichloroethene	BDL	0.0014	mg/kg	8260B	07/29/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04,2011

ESC Sample # : L528288-07

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : SS-1

Collected By : Larry Bertsch
Collection Date : 07/27/11 13:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,1-Dichloropropene	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,3-Dichloropropane	BDL	0.0014	mg/kg	8260B	07/29/11	1
cis-1,3-Dichloropropene	BDL	0.0014	mg/kg	8260B	07/29/11	1
trans-1,3-Dichloropropene	BDL	0.0014	mg/kg	8260B	07/29/11	1
2,2-Dichloropropane	BDL	0.0014	mg/kg	8260B	07/29/11	1
Di-isopropyl ether	BDL	0.0014	mg/kg	8260B	07/29/11	1
Ethylbenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
Hexachloro-1,3-butadiene	BDL	0.0014	mg/kg	8260B	07/29/11	1
Isopropylbenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
p-Isopropyltoluene	BDL	0.0014	mg/kg	8260B	07/29/11	1
2-Butanone (MEK)	BDL	0.014	mg/kg	8260B	07/29/11	1
Methylene Chloride	BDL	0.0070	mg/kg	8260B	07/29/11	1
4-Methyl-2-pentanone (MIBK)	BDL	0.014	mg/kg	8260B	07/29/11	1
Methyl tert-butyl ether	BDL	0.0014	mg/kg	8260B	07/29/11	1
Naphthalene	BDL	0.0070	mg/kg	8260B	07/29/11	1
n-Propylbenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
Styrene	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,1,1,2-Tetrachloroethane	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,1,2,2-Tetrachloroethane	BDL	0.0014	mg/kg	8260B	07/29/11	1
Tetrachloroethene	BDL	0.0014	mg/kg	8260B	07/29/11	1
Toluene	BDL	0.0070	mg/kg	8260B	07/29/11	1
1,2,3-Trichlorobenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,2,4-Trichlorobenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,1,1-Trichloroethane	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,1,2-Trichloroethane	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0014	mg/kg	8260B	07/29/11	1
Trichloroethene	BDL	0.0014	mg/kg	8260B	07/29/11	1
Trichlorofluoromethane	BDL	0.0070	mg/kg	8260B	07/29/11	1
1,2,3-Trichloropropane	BDL	0.0035	mg/kg	8260B	07/29/11	1
1,2,4-Trimethylbenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
1,3,5-Trimethylbenzene	BDL	0.0014	mg/kg	8260B	07/29/11	1
Vinyl chloride	BDL	0.0014	mg/kg	8260B	07/29/11	1
Xylenes, Total	BDL	0.0042	mg/kg	8260B	07/29/11	1
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	07/29/11	1
Dibromofluoromethane	103.		% Rec.	8260B	07/29/11	1
4-Bromofluorobenzene	97.6		% Rec.	8260B	07/29/11	1
Pesticides						
Aldrin	BDL	0.028	mg/kg	8081A	08/03/11	1
Alpha BHC	BDL	0.028	mg/kg	8081A	08/03/11	1
Beta BHC	BDL	0.028	mg/kg	8081A	08/03/11	1
Delta BHC	BDL	0.028	mg/kg	8081A	08/03/11	1

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-07

Date Received : July 28, 2011
Description : Site Investigation

Site ID : WHITSETT, NC

Sample ID : SS-1

Project # : B11164100

Collected By : Larry Bertsch
Collection Date : 07/27/11 13:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Gamma BHC	BDL	0.028	mg/kg	8081A	08/03/11	1
Chlordane	BDL	0.28	mg/kg	8081A	08/03/11	1
4,4-DDD	BDL	0.028	mg/kg	8081A	08/03/11	1
4,4-DDE	BDL	0.028	mg/kg	8081A	08/03/11	1
4,4-DDT	BDL	0.028	mg/kg	8081A	08/03/11	1
Dieldrin	BDL	0.028	mg/kg	8081A	08/03/11	1
Endosulfan I	BDL	0.028	mg/kg	8081A	08/03/11	1
Endosulfan II	BDL	0.028	mg/kg	8081A	08/03/11	1
Endosulfan sulfate	BDL	0.028	mg/kg	8081A	08/03/11	1
Endrin	BDL	0.028	mg/kg	8081A	08/03/11	1
Endrin aldehyde	BDL	0.028	mg/kg	8081A	08/03/11	1
Endrin ketone	BDL	0.028	mg/kg	8081A	08/03/11	1
Hexachlorobenzene	BDL	0.028	mg/kg	8081A	08/03/11	1
Heptachlor	BDL	0.028	mg/kg	8081A	08/03/11	1
Heptachlor epoxide	BDL	0.028	mg/kg	8081A	08/03/11	1
Methoxychlor	BDL	0.028	mg/kg	8081A	08/03/11	1
Toxaphene	BDL	0.56	mg/kg	8081A	08/03/11	1
Pesticide Surrogates						
Decachlorobiphenyl	39.9		% Rec.	8081A	08/03/11	1
Tetrachloro-m-xylene	68.1		% Rec.	8081A	08/03/11	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.046	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.046	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.046	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.47	mg/kg	8270D	08/01/11	1
Benzo(a)anthracene	BDL	0.046	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.046	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.046	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.046	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.046	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.47	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.47	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.47	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.47	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.046	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.47	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.046	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.046	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.47	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.47	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.47	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.046	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.046	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-07

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : SS-1

Collected By : Larry Bertsch
Collection Date : 07/27/11 13:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Hexachlorobenzene	BDL	0.47	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.47	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.47	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.47	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.046	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.47	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.046	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.47	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.47	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.47	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.47	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.046	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.47	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.47	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.47	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.47	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.47	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.47	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.046	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.47	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.47	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.47	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.47	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.47	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.47	mg/kg	8270D	08/01/11	1
2,4-Dinitrophenol	BDL	0.47	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.47	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.47	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.47	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.47	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.47	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	81.2		% Rec.	8270D	08/01/11	1
Phenol-d5	91.9		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	70.5		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	77.0		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	72.8		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	78.1		% Rec.	8270D	08/01/11	1

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Reported: 08/03/11 14:12 Revised: 08/04/11 08:42

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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-08

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : SS-2

Collected By : Larry Bertsch
Collection Date : 07/27/11 13:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	76.		%	2540G	08/03/11	1
Mercury	BDL	0.026	mg/kg	7471	08/01/11	1
Arsenic	BDL	1.3	mg/kg	6010B	08/01/11	1
Barium	110	0.33	mg/kg	6010B	08/01/11	1
Cadmium	BDL	0.33	mg/kg	6010B	08/01/11	1
Chromium	52.	0.66	mg/kg	6010B	08/01/11	1
Lead	9.9	0.33	mg/kg	6010B	08/01/11	1
Selenium	BDL	6.6	mg/kg	6010B	08/02/11	5
Silver	BDL	0.66	mg/kg	6010B	08/01/11	1
Volatile Organics						
Acetone	BDL	0.066	mg/kg	8260B	07/29/11	1
Acrylonitrile	BDL	0.013	mg/kg	8260B	07/29/11	1
Benzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Bromoform	BDL	0.0013	mg/kg	8260B	07/29/11	1
Bromomethane	BDL	0.0066	mg/kg	8260B	07/29/11	1
n-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
sec-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
tert-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	07/29/11	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Chlorodibromomethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Chloroethane	BDL	0.0066	mg/kg	8260B	07/29/11	1
2-Chloroethyl vinyl ether	BDL	0.066	mg/kg	8260B	07/29/11	1
Chloroform	BDL	0.0066	mg/kg	8260B	07/29/11	1
Chloromethane	BDL	0.0033	mg/kg	8260B	07/29/11	1
2-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/29/11	1
4-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,2-Dibromo-3-Chloropropane	BDL	0.0066	mg/kg	8260B	07/29/11	1
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Dibromomethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Dichlorodifluoromethane	BDL	0.0066	mg/kg	8260B	07/29/11	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/29/11	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/29/11	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/29/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-08

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : SS-2

Collected By : Larry Bertsch
Collection Date : 07/27/11 13:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,3-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/29/11	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/29/11	1
trans-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/29/11	1
2,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	07/29/11	1
Ethylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Hexachloro-1,3-butadiene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Isopropylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
p-Isopropyltoluene	BDL	0.0013	mg/kg	8260B	07/29/11	1
2-Butanone (MEK)	BDL	0.013	mg/kg	8260B	07/29/11	1
Methylene Chloride	BDL	0.0066	mg/kg	8260B	07/29/11	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	07/29/11	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	07/29/11	1
Naphthalene	BDL	0.0066	mg/kg	8260B	07/29/11	1
n-Propylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Styrene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,1,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Toluene	BDL	0.0066	mg/kg	8260B	07/29/11	1
1,2,3-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,2,4-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	07/29/11	1
Trichloroethene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Trichlorofluoromethane	BDL	0.0066	mg/kg	8260B	07/29/11	1
1,2,3-Trichloropropane	BDL	0.0033	mg/kg	8260B	07/29/11	1
1,2,4-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
1,3,5-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/29/11	1
Vinyl chloride	BDL	0.0013	mg/kg	8260B	07/29/11	1
Xylenes, Total	BDL	0.0039	mg/kg	8260B	07/29/11	1
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	07/29/11	1
Dibromofluoromethane	104.		% Rec.	8260B	07/29/11	1
4-Bromofluorobenzene	94.2		% Rec.	8260B	07/29/11	1
Pesticides						
Aldrin	BDL	0.026	mg/kg	8081A	08/03/11	1
Alpha BHC	BDL	0.026	mg/kg	8081A	08/03/11	1
Beta BHC	BDL	0.026	mg/kg	8081A	08/03/11	1
Delta BHC	BDL	0.026	mg/kg	8081A	08/03/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-08

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : SS-2

Collected By : Larry Bertsch
Collection Date : 07/27/11 13:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Gamma BHC	BDL	0.026	mg/kg	8081A	08/03/11	1
Chlordane	BDL	0.26	mg/kg	8081A	08/03/11	1
4,4-DDD	BDL	0.026	mg/kg	8081A	08/03/11	1
4,4-DDE	BDL	0.026	mg/kg	8081A	08/03/11	1
4,4-DDT	BDL	0.026	mg/kg	8081A	08/03/11	1
Dieldrin	BDL	0.026	mg/kg	8081A	08/03/11	1
Endosulfan I	BDL	0.026	mg/kg	8081A	08/03/11	1
Endosulfan II	BDL	0.026	mg/kg	8081A	08/03/11	1
Endosulfan sulfate	BDL	0.026	mg/kg	8081A	08/03/11	1
Endrin	BDL	0.026	mg/kg	8081A	08/03/11	1
Endrin aldehyde	BDL	0.026	mg/kg	8081A	08/03/11	1
Endrin ketone	BDL	0.026	mg/kg	8081A	08/03/11	1
Hexachlorobenzene	BDL	0.026	mg/kg	8081A	08/03/11	1
Heptachlor	BDL	0.026	mg/kg	8081A	08/03/11	1
Heptachlor epoxide	BDL	0.026	mg/kg	8081A	08/03/11	1
Methoxychlor	BDL	0.026	mg/kg	8081A	08/03/11	1
Toxaphene	BDL	0.52	mg/kg	8081A	08/03/11	1
Pesticide Surrogates						
Decachlorobiphenyl	22.8		% Rec.	8081A	08/03/11	1
Tetrachloro-m-xylene	61.2		% Rec.	8081A	08/03/11	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Acenaphthylene	BDL	0.043	mg/kg	8270D	08/01/11	1
Anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzidine	BDL	0.44	mg/kg	8270D	08/01/11	1
Benzo(a)anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(b)fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(k)fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(g,h,i)perylene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzo(a)pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Bis(2-chlorethoxy)methane	BDL	0.44	mg/kg	8270D	08/01/11	1
Bis(2-chloroethyl)ether	BDL	0.44	mg/kg	8270D	08/01/11	1
Bis(2-chloroisopropyl)ether	BDL	0.44	mg/kg	8270D	08/01/11	1
4-Bromophenyl-phenylether	BDL	0.44	mg/kg	8270D	08/01/11	1
2-Chloronaphthalene	BDL	0.043	mg/kg	8270D	08/01/11	1
4-Chlorophenyl-phenylether	BDL	0.44	mg/kg	8270D	08/01/11	1
Chrysene	BDL	0.043	mg/kg	8270D	08/01/11	1
Dibenz(a,h)anthracene	BDL	0.043	mg/kg	8270D	08/01/11	1
3,3-Dichlorobenzidine	BDL	0.44	mg/kg	8270D	08/01/11	1
2,4-Dinitrotoluene	BDL	0.44	mg/kg	8270D	08/01/11	1
2,6-Dinitrotoluene	BDL	0.44	mg/kg	8270D	08/01/11	1
Fluoranthene	BDL	0.043	mg/kg	8270D	08/01/11	1
Fluorene	BDL	0.043	mg/kg	8270D	08/01/11	1

Results listed are dry weight basis.
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Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-08

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : SS-2

Collected By : Larry Bertsch
Collection Date : 07/27/11 13:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Hexachlorobenzene	BDL	0.44	mg/kg	8270D	08/01/11	1
Hexachloro-1,3-butadiene	BDL	0.44	mg/kg	8270D	08/01/11	1
Hexachlorocyclopentadiene	BDL	0.44	mg/kg	8270D	08/01/11	1
Hexachloroethane	BDL	0.44	mg/kg	8270D	08/01/11	1
Indeno(1,2,3-cd)pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Isophorone	BDL	0.44	mg/kg	8270D	08/01/11	1
Naphthalene	BDL	0.043	mg/kg	8270D	08/01/11	1
Nitrobenzene	BDL	0.44	mg/kg	8270D	08/01/11	1
n-Nitrosodimethylamine	BDL	0.44	mg/kg	8270D	08/01/11	1
n-Nitrosodiphenylamine	BDL	0.44	mg/kg	8270D	08/01/11	1
n-Nitrosodi-n-propylamine	BDL	0.44	mg/kg	8270D	08/01/11	1
Phenanthrene	BDL	0.043	mg/kg	8270D	08/01/11	1
Benzylbutyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Bis(2-ethylhexyl)phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Di-n-butyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Diethyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Dimethyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Di-n-octyl phthalate	BDL	0.44	mg/kg	8270D	08/01/11	1
Pyrene	BDL	0.043	mg/kg	8270D	08/01/11	1
1,2,4-Trichlorobenzene	BDL	0.44	mg/kg	8270D	08/01/11	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2-Chlorophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2,4-Dichlorophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2,4-Dimethylphenol	BDL	0.44	mg/kg	8270D	08/01/11	1
4,6-Dinitro-2-methylphenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2,4-Dinitrophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2-Nitrophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
4-Nitrophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
Pentachlorophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
Phenol	BDL	0.44	mg/kg	8270D	08/01/11	1
2,4,6-Trichlorophenol	BDL	0.44	mg/kg	8270D	08/01/11	1
Surrogate Recovery						
2-Fluorophenol	84.9		% Rec.	8270D	08/01/11	1
Phenol-d5	94.7		% Rec.	8270D	08/01/11	1
Nitrobenzene-d5	79.7		% Rec.	8270D	08/01/11	1
2-Fluorobiphenyl	84.9		% Rec.	8270D	08/01/11	1
2,4,6-Tribromophenol	75.9		% Rec.	8270D	08/01/11	1
p-Terphenyl-d14	73.9		% Rec.	8270D	08/01/11	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Larry Bertsch
GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-09

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-5

Collected By : Larry Bertsch
Collection Date : 07/27/11 12:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury, Dissolved	BDL	0.20	ug/l	7470A	08/02/11	1
Arsenic, Dissolved	BDL	20.	ug/l	6010B	07/31/11	1
Barium, Dissolved	45.	5.0	ug/l	6010B	07/31/11	1
Cadmium, Dissolved	BDL	5.0	ug/l	6010B	07/31/11	1
Chromium, Dissolved	BDL	10.	ug/l	6010B	07/31/11	1
Lead, Dissolved	BDL	5.0	ug/l	6010B	07/31/11	1
Selenium, Dissolved	22.	20.	ug/l	6010B	07/31/11	1
Silver, Dissolved	BDL	10.	ug/l	6010B	07/31/11	1
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	07/29/11	1
Acrolein	BDL	50.	ug/l	8260B	07/29/11	1
Acrylonitrile	BDL	10.	ug/l	8260B	07/29/11	1
Benzene	BDL	1.0	ug/l	8260B	07/29/11	1
Bromobenzene	BDL	1.0	ug/l	8260B	07/29/11	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	07/29/11	1
Bromoform	BDL	1.0	ug/l	8260B	07/29/11	1
Bromomethane	BDL	5.0	ug/l	8260B	07/29/11	1
n-Butylbenzene	BDL	1.0	ug/l	8260B	07/29/11	1
sec-Butylbenzene	BDL	1.0	ug/l	8260B	07/29/11	1
tert-Butylbenzene	BDL	1.0	ug/l	8260B	07/29/11	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	07/29/11	1
Chlorobenzene	BDL	1.0	ug/l	8260B	07/29/11	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	07/29/11	1
Chloroethane	BDL	5.0	ug/l	8260B	07/29/11	1
2-Chloroethyl vinyl ether	BDL	50.	ug/l	8260B	07/29/11	1
Chloroform	BDL	5.0	ug/l	8260B	07/29/11	1
Chloromethane	BDL	2.5	ug/l	8260B	07/29/11	1
2-Chlorotoluene	BDL	1.0	ug/l	8260B	07/29/11	1
4-Chlorotoluene	BDL	1.0	ug/l	8260B	07/29/11	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	07/29/11	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	07/29/11	1
Dibromomethane	BDL	1.0	ug/l	8260B	07/29/11	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/29/11	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/29/11	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	07/29/11	1
Dichlorodifluoromethane	BDL	5.0	ug/l	8260B	07/29/11	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	07/29/11	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	07/29/11	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	07/29/11	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/29/11	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	07/29/11	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/29/11	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

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GAIA Tech - Chicago, IL
135 S. LaSalle St, Ste 3500
Chicago, IL 60603

August 04, 2011

ESC Sample # : L528288-09

Site ID : WHITSETT, NC

Project # : B11164100

Date Received : July 28, 2011
Description : Site Investigation

Sample ID : WP-5

Collected By : Larry Bertsch
Collection Date : 07/27/11 12:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,1-Dichloropropene	BDL	1.0	ug/l	8260B	07/29/11	1
1,3-Dichloropropane	BDL	1.0	ug/l	8260B	07/29/11	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/29/11	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	07/29/11	1
2,2-Dichloropropane	BDL	1.0	ug/l	8260B	07/29/11	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	07/29/11	1
Ethylbenzene	BDL	1.0	ug/l	8260B	07/29/11	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	8260B	07/29/11	1
Isopropylbenzene	BDL	1.0	ug/l	8260B	07/29/11	1
p-Isopropyltoluene	BDL	1.0	ug/l	8260B	07/29/11	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	07/29/11	1
Methylene Chloride	BDL	5.0	ug/l	8260B	07/29/11	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	07/29/11	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	07/29/11	1
Naphthalene	BDL	5.0	ug/l	8260B	07/29/11	1
n-Propylbenzene	BDL	1.0	ug/l	8260B	07/29/11	1
Styrene	BDL	1.0	ug/l	8260B	07/29/11	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/29/11	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	07/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	1.0	ug/l	8260B	07/29/11	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	07/29/11	1
Toluene	BDL	5.0	ug/l	8260B	07/29/11	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/29/11	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	8260B	07/29/11	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	07/29/11	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	07/29/11	1
Trichloroethene	BDL	1.0	ug/l	8260B	07/29/11	1
Trichlorofluoromethane	BDL	5.0	ug/l	8260B	07/29/11	1
1,2,3-Trichloropropane	BDL	2.5	ug/l	8260B	07/29/11	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/29/11	1
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/29/11	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	8260B	07/29/11	1
Vinyl chloride	BDL	1.0	ug/l	8260B	07/29/11	1
Xylenes, Total	BDL	3.0	ug/l	8260B	07/29/11	1
Surrogate Recovery						
Toluene-d8	98.5		% Rec.	8260B	07/29/11	1
Dibromofluoromethane	106.		% Rec.	8260B	07/29/11	1
4-Bromofluorobenzene	107.		% Rec.	8260B	07/29/11	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 08/03/11 14:12 Revised: 08/04/11 08:42

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L528288-01	WG548036	SAMP	Styrene	R1795290	J4
	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenyl ether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenyl ether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
	WG547984	SAMP	Selenium	R1795792	O
L528288-02	WG548036	SAMP	Styrene	R1795290	J4
	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenyl ether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenyl ether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
	WG547984	SAMP	Selenium	R1795792	0
L528288-03	WG548036	SAMP	Styrene	R1795290	J4
	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
	WG547984	SAMP	Selenium	R1795792	0
L528288-04	WG548036	SAMP	Styrene	R1795290	J4
	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
	WG547984	SAMP	Arsenic	R1795792	0
	WG547984	SAMP	Selenium	R1795792	0
L528288-05	WG548036	SAMP	Styrene	R1795290	J4
	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenyl ether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenyl ether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzylbutyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
	WG547984	SAMP	Selenium	R1795792	0
L528288-06	WG548036	SAMP	Styrene	R1795290	J4
	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenyl ether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenyl ether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG547937	SAMP	Benzyl butyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
	WG547984	SAMP	Selenium	R1795792	0
L528288-07	WG548036	SAMP	Styrene	R1795290	J4
	WG547937	SAMP	Acenaphthene	R1800294	J3
	WG547937	SAMP	Acenaphthylene	R1800294	J3
	WG547937	SAMP	Anthracene	R1800294	J3
	WG547937	SAMP	Benzidine	R1800294	J4J3
	WG547937	SAMP	Benzo(a)anthracene	R1800294	J3
	WG547937	SAMP	Benzo(b)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	Benzo(g,h,i)perylene	R1800294	J3
	WG547937	SAMP	Benzo(a)pyrene	R1800294	J3
	WG547937	SAMP	Bis(2-chlorethoxy)methane	R1800294	J3
	WG547937	SAMP	Bis(2-chloroethyl)ether	R1800294	J3
	WG547937	SAMP	Bis(2-chloroisopropyl)ether	R1800294	J3
	WG547937	SAMP	4-Bromophenyl-phenylether	R1800294	J3
	WG547937	SAMP	2-Chloronaphthalene	R1800294	J3
	WG547937	SAMP	4-Chlorophenyl-phenylether	R1800294	J3
	WG547937	SAMP	Chrysene	R1800294	J3
	WG547937	SAMP	Dibenz(a,h)anthracene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J3
	WG547937	SAMP	2,4-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	2,6-Dinitrotoluene	R1800294	J3
	WG547937	SAMP	Fluoranthene	R1800294	J3
	WG547937	SAMP	Fluorene	R1800294	J3
	WG547937	SAMP	Hexachlorobenzene	R1800294	J3
	WG547937	SAMP	Hexachloro-1,3-butadiene	R1800294	J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3
	WG547937	SAMP	Indeno(1,2,3-cd)pyrene	R1800294	J3
	WG547937	SAMP	Isophorone	R1800294	J3
	WG547937	SAMP	Naphthalene	R1800294	J3
	WG547937	SAMP	Nitrobenzene	R1800294	J3
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	n-Nitrosodi-n-propylamine	R1800294	J3
	WG547937	SAMP	Phenanthrene	R1800294	J3
	WG547937	SAMP	Benzyl butyl phthalate	R1800294	J3
	WG547937	SAMP	Bis(2-ethylhexyl)phthalate	R1800294	J3
	WG547937	SAMP	Di-n-butyl phthalate	R1800294	J3
	WG547937	SAMP	Diethyl phthalate	R1800294	J3
	WG547937	SAMP	Dimethyl phthalate	R1800294	J3
	WG547937	SAMP	Pyrene	R1800294	J3
	WG547937	SAMP	1,2,4-Trichlorobenzene	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2-Chlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG547937	SAMP	2-Nitrophenol	R1800294	J3
	WG547937	SAMP	4-Nitrophenol	R1800294	J3
	WG547937	SAMP	Phenol	R1800294	J3
	WG547937	SAMP	2,4,6-Trichlorophenol	R1800294	J3
	WG547984	SAMP	Selenium	R1795792	0
L528288-08	WG548036	SAMP	Styrene	R1795290	J4
	WG547937	SAMP	Benzidine	R1800294	J4J6J3
	WG547937	SAMP	Benzo(k)fluoranthene	R1800294	J3
	WG547937	SAMP	3,3-Dichlorobenzidine	R1800294	J6J3
	WG547937	SAMP	Hexachlorocyclopentadiene	R1800294	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG547937	SAMP	n-Nitrosodiphenylamine	R1800294	J3
	WG547937	SAMP	4-Chloro-3-methylphenol	R1800294	J3
	WG547937	SAMP	2,4-Dichlorophenol	R1800294	J3
	WG547937	SAMP	2,4-Dimethylphenol	R1800294	J3
	WG548128	SAMP	Selenium	R1799950	O
L528288-09	WG547965	SAMP	Styrene	R1795230	J4

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low
O	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

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PA Registration: #68-1664
DEA Registered

August 15, 2011

GaiaTech Inc
135 South LaSalle St., Suite 3500
Chicago, IL 60603

ATTN: Larry Bertsch

Project Name: Whitsett, NC air sample
RTP Labs Project #: 11-899 rev 1

Enclosed with this letter is the report on the analysis for the sample received on July 29, 2011 for a normal turnaround. One Summa canister sample was received in good condition with the chain-of-custody form. The sample was analyzed for VOCs by EPA Method TO-15/14A GC/MS. The units are provided in mg/m^3.

Sincerely,

A. Sykes 2011.08.15 15:01:06 -04'00'

Alston Sykes, Principal Chemist

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EPA Method TO-15 GC/MS VOLATILE ORGANICS

Data File: c:\varianws\wsdatafiles\voc030811\11-899-01.sms **Acquisition Date:** 8/3/2011 12:54

Comment: Gaia Tech/Whitsett can 12301 7/28/11; 10mL; DF=83

CAS NO.	COMPOUND	CONCENTRATION	UNITS	MDL and Reporting Limit
75-71-8	Dichlorodifluoromethane (Freon 12)	0.014	mg/m^3	0.001
76-14-2	1,2-Chloro-1,1,2,2-Tetrafluoroethane	Not Found	mg/m^3	0.001
74-87-3	Chloromethane	Not Found	mg/m^3	0.001
75-01-4	Vinyl chloride	Not Found	mg/m^3	0.001
106-99-0	1,3-Butadiene	Not Found	mg/m^3	0.001
74-83-9	Bromomethane	Not Found	mg/m^3	0.001
75-00-3	Chloroethane	Not Found	mg/m^3	0.001
75-69-4	Trichloromonofluoromethane	0.041	mg/m^3	0.001
75-35-4	1,1-dichloroethene	1.491	mg/m^3	0.001
76-13-1	1,1,2-trichloro-1,2,2-trifluoroethane	Not Found	mg/m^3	0.001
64-17-5	Ethanol	0.053	mg/m^3	0.001
75-15-0	Carbon disulfide	Not Found	mg/m^3	0.001
67-63-0	Isopropyl alcohol	0.028	mg/m^3	0.001
75-09-2	Methylene chloride	0.610	mg/m^3	0.001
67-64-1	Acetone	0.099	mg/m^3	0.001
156-60-5	t-1,2-dichloroethene	0.088	mg/m^3	0.001
11-05-3	Hexane	0.043	mg/m^3	0.001
1634-04-4	Methyl-t-butyl ether (MTBE)	Not Found	mg/m^3	0.001
75-34-3	1,1-Dichloroethane	0.038	mg/m^3	0.001
108-05-4	Vinyl acetate	Not Found	mg/m^3	0.001
156-59-2	cis-1,2-dichloroethene	Not Found	mg/m^3	0.001
110-82-7	Cyclohexane	0.083	mg/m^3	0.001
67-66-3	Chloroform	2.255	mg/m^3	0.001
141-78-6	Ethyl Acetate	0.025	mg/m^3	0.001
109-99-9	Tetrahydrofuran	0.059	mg/m^3	0.001
71-55-6	1,1,1-trichloroethane	0.015	mg/m^3	0.001
56-23-5	Carbon Tetrachloride	0.005	mg/m^3	0.001
78-93-3	2-Butanone	0.249	mg/m^3	0.001
142-82-5	Heptane	Not Found	mg/m^3	0.001
71-43-2	Benzene	0.042	mg/m^3	0.001
107-06-2	1,2-dichloroethane	0.094	mg/m^3	0.001
79-01-6	Trichloroethylene	164.859	mg/m^3	0.001
78-87-5	1,2-dichloropropane	Not Found	mg/m^3	0.001
75-27-4	Bromodichloromethane	0.264	mg/m^3	0.001
123-91-1	1,4-dioxane	0.098	mg/m^3	0.001
10061-01-5	cis-1,3-dichloropropene	Not Found	mg/m^3	0.001
108-88-3	Toluene	0.496	mg/m^3	0.001
108-10-1	4-Methyl-2-pentanone (MIBK)	Not Found	mg/m^3	0.001
1006-02-6	t-1,3-dichloropropene	Not Found	mg/m^3	0.001
127-18-4	Tetrachloroethylene	7.808	mg/m^3	0.001
79-00-5	1,1,2-trichloroethane	Not Found	mg/m^3	0.001
124-48-1	Dibromochloromethane	Not Found	mg/m^3	0.001
106-93-4	1,2-dibromoethane	Not Found	mg/m^3	0.001
591-78-6	2-Hexanone	Not Found	mg/m^3	0.001
100-41-4	Ethylbenzene	0.042	mg/m^3	0.001
108-90-7	Chlorobenzene	Not Found	mg/m^3	0.001
1330-20-7	m/p-Xylene	0.035	mg/m^3	0.001
95-47-6	o-Xylene	0.106	mg/m^3	0.001
100-42-5	Styrene	Not Found	mg/m^3	0.001
75-25-2	Tribromomethane	Not Found	mg/m^3	0.001
79-34-5	1,1,2,2-tetrachloroethane	Not Found	mg/m^3	0.001
622-96-8	1-ethyl-4-methylbenzene	Not Found	mg/m^3	0.001
108-67-8	1,3,5-trimethylbenzene	Not Found	mg/m^3	0.001
95-63-6	1,2,4-trimethylbenzene	0.006	mg/m^3	0.001
541-73-1	1,3-dichlorobenzene	Not Found	mg/m^3	0.001
106-46-7	1,4-dichlorobenzene	Not Found	mg/m^3	0.001
100-44-7	Benzyl chloride	Not Found	mg/m^3	0.001
95-50-1	1,2-dichlorobenzene	0.074	mg/m^3	0.001
87-68-3	1,1,2,3,4,4-hexachloro-1,3-butadiene	0.772	mg/m^3	0.001
120-82-1	1,2,4-trichlorobenzene	Not Found	mg/m^3	0.001

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Chain of Custody Record

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RTPLabs

Client (Billing for Credit Card): GaiaTech -(Larry Beetsch) — Company or Name on Report: GaiaTech Inc.

Phone # (Required): 630 730 7905 Fax #:

Date: 7/27/11

Address: 135 South Lasalle ST., Suite 3500

E-Mail (Required): lbertsch@gaiaTech.com

Page 1 of 1

City: Chicago State: IL Zip Code: 60603

Contract/PO#/Credit Card #/Expiration Date: Larry Beetsch 4867 9611 1356 5847 10/11 651

Contact Name: Larry Beetsch

Additional Info or Comments: B1117 4100 Whitsett, NC

(RTP Labs Use) Project Number ID: 11-899

Requested Analyses

	Sample Description/Batch/Manf Date	Sample Date	TIME (AM) PM	Matrix: Air Ambient	Matrix: Air Source	Matrix: Liquid/Solid	Compliance Test	Preservatives	# of Containers	TO-15 (Full VOC's)						Environmental Air Samples Only (Summa Canisters) Field Initial Inches Hg	Field Final or psig	Lab Receipt	Lab Final psig	RTP Labs Sample or Fraction ID
1	SG-1	7/28/11	9:51		✓				1	X						30	0	0	10	01
2	(Results in ug/m3)		TO1022																	
3	Please																			
4	Canister # 12301																			
5																				
6																				
7																				
8																				
9																				
10																				

DF 1.66

Turn Around Time Requested for Analysis: Business Days; *Rush Multipliers (Xx)
☒ Normal 15 days ☐ 10 days*(1.5x) ☐ 5 days*(2.0x) ☐ 3 days*(3x)
or Sooner if no markup

Data Package: Std ☒

Raw Data Deliverable: ☐ 1.1x surcharge

QC Requirements: Screen ☐ Standard ☐

EPA Level IV for Compliance ☐
Requires approved QAPP sent to lab

Signature: [signature] Date: 7/29/11 Time:

Received By (RTP Labs): [signature] Date: 7/29/11 Time: 09:15

File: chain_RTP2011 revision 5/01/2011