VOLUNTARY REMEDIATION PROGRAM

FINAL COMPLIANCE STATUS REPORT

LEGION INDUSTRIES
370 MILLS ROAD
WAYNESBORO, BURKE COUNTY, GEORGIA
HSI SITE NO. 10614

Prepared for Submission to:

Georgia Environmental Protection Division
Hazardous Waste Management Branch
Suite 1066, East Tower
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Atlanta, Georgia 30334

Prepared by:

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January 25, 2016

Amec Foster Wheeler Project No. 6121-09-0444

January 25, 2016

Ms. Nicole Vermillion
Environmental Protection Division
Hazardous site Response Program
Suite 1462 East Tower
205 Butler Street, S.E.
Atlanta, Georgia 30334

Subject: **Final Compliance Status Report**
Legion Industries
370 Mills Road
Waynesboro, Burke County, Georgia
HSI site No. 10614

Dear Ms. Vermillion:

Amec Foster Wheeler Environment & Infrastructure, Inc. (Amec Foster Wheeler) is pleased to submit this Revised Compliance Status Report (CSR) on behalf of Legion Industries, Inc., the owner of the subject site located on Mills Road in Waynesboro, Georgia (site). This CSR documents the delineation of soil conditions to the appropriate risk reduction standards and summarizes the current status of groundwater conditions at the subject site.

This CSR is submitted in lieu of the Seventh Semi-Annual Progress Report to begin the process of removing the subject site from the Hazardous Site Inventory. Please contact us if further information or clarification is necessary.

Sincerely,

Amec Foster Wheeler Environment & Infrastructure, Inc.

Stephen R. Foley, P.G.
Senior Geologist

Charles T. Ferry, P.E.
Senior Principal Engineer

cc: Mr. Charles A. Brown, Legion Industries, Inc.

6121-J\09-0444 Legion VRP CSR 2016.doc

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CERTIFICATION STATEMENT

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

Based on my review of the findings of this report with respect to the risk reduction standards of the Rules for Hazardous site Response, Rule 391-3-19-.07, I have determined that the site is in compliance with Type 3 or 4 risk reduction criteria for all constituents in soil and with Type 4 with controls risk reduction criteria for all constituents in groundwater.

Mr. Charles A. Brown
Legion Industries, Inc.

1/25/16
Date

GROUNDWATER SCIENTIST STATEMENT

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

Mr. Stephen R. Foley, P.G.
Georgia Registration No. 1057

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1.0 BACKGROUND

The Legion Industries property ("subject site" or "property") consists of an 11.31-acre tract of land located at 370 Mills Road (aka Waynesboro Bypass) in Waynesboro, Burke County, Georgia (see Figures 1 and 2). The property is developed with an approximately 75,000 square-foot manufacturing facility, a small one-story outbuilding and unpaved parking areas on the north and west sides of the building. Other areas of the property are largely grassed. A tree line is present along much of the eastern property boundary. A shallow ditch traverses eastward from the southeast corner of the main building and then northward along the eastern property boundary to a culvert that directs drainage under Mills Road to the north.

The subject site is located within an area characterized by a combination of undeveloped land and light industrial development. The property is bound to the east by an approximately 25-foot wide, grassed easement, which was deeded to the Burke County Development Authority by Legion Industries in 1997. The property located east of the easement contains a large building previously occupied by Sunbeam Outdoor Products and currently used as a warehouse by Synergy Group, LLC. The property is bound to the south by a rail line; McKinney Wholesale Products is located south of the rail line. The subject site is bound to the west by Davis Road. Across Davis Road opposite the southern portion of the site is Helena Chemical Company, a manufacturer of dry fertilizers. A large undeveloped parcel of land owned by the Burke County Development Authority is located across Davis Road opposite the northern portion of the site. The subject site is bound to the north by Mills Road (a.k.a. Waynesboro Bypass), beyond which is undeveloped wooded property to the north and northeast and industrial property to the northwest.

The subject site was first developed in the late 1950s and was originally occupied by Atlas Chemical Company (Atlas), a manufacturer of agricultural pesticides. The facility was acquired by Legion Utensil Company (LUC) in 1971 and utilized for the manufacture of commercial grade kitchen appliances. LUC made several modifications to the site, including extending the building southward for a distance of approximately 25 feet and constructing a degreaser pit. Legion Industries, Inc., the current property owner, acquired the property in 1988 and has continued to manufacture commercial grade kitchen appliances on the premises.

1.1 PREVIOUS ASSESSMENTS

Previous environmental assessments were performed at the subject site between 1993 and 2015.

1.1.1 Pre-HSRA Listing

In December 1993, Dames & Moore performed a Phase I Environmental Survey of the subject site for First Eastern Bank, N.A. According to the report, several above-ground storage tanks (ASTs) and suspected portable trailer-mounted tanks were reportedly present in the area south of the main building on the property during Atlas' occupancy. The report identified a former drum storage area reportedly utilized by LUC south of the main building in the 1970s and 1980s. According to Mr. Scavullo, owner of LUC, the drums in this area only stored machine parts and never hazardous materials. When the property was purchased by Legion Industries in 1988 the drums were removed.

In May 1994, CSRA Testing and Engineering Co., Inc. (CSRA) performed a Phase II Environmental Site Assessment for Legion Industries. CSRA reported impacts to soil and groundwater from volatile organic compounds (VOCs) and metals. The data collected by CSRA is not included in this Final CSR due to the age of the data (greater than 20 years), uncertainty regarding VOC findings and questionable sampling procedures (collecting metals samples in groundwater from open boreholes). Amec Foster Wheeler's subsequent assessments have included sampling and testing of soil and groundwater in the former drum storage area and in each of the areas previously investigated by CSRA.

The groundwater concentrations detected by CSRA were submitted in a Release Notification to the Georgia Environmental Protection Division (EPD) pursuant to the Hazardous Site Response Act (HSRA). The site was subsequently listed on the Hazardous Site Inventory (HSI) as site No. 10614. The listing identified the subject site as a 10.54-acre property; however, a survey dated March 11, 2002 shows the site as 11.31 acres (refer to Appendix I).

1.1.2 Post-HSRA Listing

Subsequent to the site's listing on the HSI, Legion Industries contracted Law Engineering and Environmental Services, Inc. (LAW, predecessor to Amec Foster Wheeler) to collect groundwater samples to check the findings of the CSRA assessment. In October 2000, three groundwater monitoring wells (MW-1 through MW-3) were installed to collect groundwater samples and to assess general groundwater flow direction.

On March 21, 2001, EPD issued a letter directing Legion Industries to submit a Compliance Status Report (CSR). EPD's request for a CSR prompted a series of additional assessments in 2001/2002 and again in 2009/2010 which are documented herein and which resulted in the

preparation of a 2002 CSR and a 2010 Revised CSR. The 2001/2002 assessments consisted of the resampling of existing monitoring wells, a ground-penetrating radar survey in an area of suspected drum burial, hand auger borings to sample soils, the advancement of a series of soil borings to sample soil and groundwater and the installation of eight additional wells.

The 2001/2002 data obtained by Amec Foster Wheeler was consolidated and presented in a CSR which was submitted to EPD on March 29, 2002. EPD subsequently reviewed the CSR and on June 19, 2009 issued a Notice of Deficiency (NOD) letter to Legion Industries which requested that a revised CSR be submitted. EPD subsequently visited the site and on November 3, 2009 issued a follow-up letter with additional comments.

Based on the comments received, additional assessment of the site was conducted in 2009/2010 which included sampling groundwater from all existing wells on site and two new wells and the installation of three piezometers, sampling soil at 16 of the previous soil boring locations and ten new soil locations and sampling of surface water. These activities were described in a revised CSR, dated March 31, 2010.

EPD issued a letter dated October 27, 2011 commenting on the Revised CSR and requesting submittal of a Corrective Action Plan (CAP). The letter also mentioned the option to submit a Voluntary Remediation Program (VRP) application.

1.1.3 VRP Implementation

Amec Foster Wheeler prepared a VRP application for the Legion Industries site which was approved by EPD in a letter dated July 25, 2012. Under the VRP, the following activities have been conducted at the site:

1. Soil delineation sampling conducted in December 2012;
2. Remediation of solvent and pesticide-impacted soils within the degreaser pit and immediately south of the building in June 2013;
3. Semi-annual sampling and testing of groundwater from all accessible on-site and off-site wells in December 2013, June 2014, December 2014 and June 2015;
4. Installation and sampling of six additional on-site wells to further delineate the plume and to aid in groundwater modeling efforts;
5. Fate and transport model calculations to predict future plume migration and the potential for impact to downgradient receptors;
6. Completion of a water usage survey to identify potential groundwater/surface water receptors in the site vicinity;

7. Vapor intrusion modeling to assess the potential for adverse impacts to site workers related to exposure to volatiles;
8. Preparation of six Semi-Annual Progress Reports (SAPRs) documenting activities completed during each period; and
9. Preparation of this Final CSR following the June 2015 sampling event.

2.0 PURPOSE

This Final CSR has been prepared on behalf of Legion Industries, Inc. for the site located in Waynesboro, Burke County, Georgia. A Voluntary Investigation and Remediation Plan (VIRP) and VRP Application were submitted for this site on January 26, 2012 and EPD accepted the site into the VRP by letter dated July 25, 2012. Since that time, the VIRP was implemented and the work was summarized in six semi-annual progress reports submitted to EPD from January 2013 through July 2015. Legion Industries is submitting the required Final CSR documenting compliance with the provisions, purposes, standards, and policies of the VRP and certifying compliance with applicable cleanup standards.

3.0 CONCEPTUAL SITE MODEL

Groundwater assessment activities on site have been conducted by Amec Foster Wheeler and others between 2001 and 2015. A total of 19 groundwater monitoring wells and six piezometers have been installed on site. Most of the piezometers have been destroyed. Refer to Figure 3 for a plan of the existing monitoring well locations.

3.1 CHARACTERIZATION OF SUBSURFACE GEOLOGY

The geology and hydrogeology of the site discussed below are based on the data obtained and review of published literature.

The property is located in the Coastal Plain Physiographic Province which consists of interlayered sequences of sand, clay and limestone formed from marine deposits of Mesozoic and Cenozoic age. The subject site is mapped as being underlain by the Altamaha Grit, Citronelle Formation and Hawthorne Formation. The Hawthorne Formation, which is composed of interlayered sands and sandy clay, is the dominant formation in the area. The native soils present in this geologic area were originally deposited as marine sediments during ancient fluctuations of the seal level. The soils are mapped as Dothan loamy sand, described as a well drained soil with moderate to low permeability in the lower part of the subsoil.

The soil test borings generally encountered a thin layer of fill soil at the surface overlying native soils. Fill depths ranged up to approximately four feet (see Boring Logs in Appendix E for soil descriptions). Soils on site generally consisted of clayey sands and sandy clays with limited zones of clay, particularly at depth in the deep wells, MW-4 and MW-12. See Figures 4 and 5 in Appendix B for cross-sections through the subject site.

3.2 CHARACTERIZATION OF HYDROGEOLOGY

In the Coastal Plain Physiographic Province, groundwater can occur under water table (unconfined) or confined conditions and multiple hydrologic units may be present over relatively limited depth ranges. Most of Burke County is underlain by an artesian aquifer which provides water for domestic, industrial and agricultural uses. Most supply wells in the area are at least 200 feet deep. Recharge to the shallow water table is primarily by precipitation infiltrating the upper soils and percolating downward, under the influence of gravity, to the water table.

Typically, the water table of unconfined aquifer is not a level surface, but a subdued reflection of the land surface while that of deeper unconfined or confined units may vary. Also, depth to the

water table is variable, being dependent on many factors which include: the amount of rainfall, the permeability of the aquifer material and the amount of groundwater being pumped from the area. Depth to the water table in deeper units will be dependent upon the hydraulic head within that aquifer unit, particularly in the case of confined aquifers.

3.2.1 Surface Water Drainage

Surface water drainage in the surrounding area is controlled by drainage ditches along the streets and a drainage ditch located along the eastern property boundary within a narrow strip of land owned by the Burke County Development Authority. In general, the surface drainage of the site is to the north following the path of a north-trending drainage swale that formerly crossed the site. The nearest perennial stream is an unnamed tributary of Brier Creek, located approximately 2.5 miles north of Mills Road.

The site's upgradient watershed is interpreted to extend approximately 600 feet to the south, approximately 1,500 feet to the east and approximately 1,000 feet to the west.

3.2.2 Aquifer

Based on our observations of soils obtained from the logged boreholes, subsurface materials beneath the site can be characterized as predominantly clayey fine to medium grained sand interlayered with occasional lenses of sand, sandy clay, or clay at various depths.

Based on the measured groundwater elevations, the interpreted groundwater flow direction within the shallow zone of the aquifer across the subject site is in a generally northerly direction (see Figure 6).

During previous assessments, monitoring well MW-2 was screened at a greater depth and exhibited a noticeably lower water table elevation than other shallow wells in the area. In its November 2009 NOD letter, EPD requested additional investigation into the possibility of a separate intermediate depth aquifer. In order to further assess this possibility, Amec Foster Wheeler installed three additional piezometers (PZ-4 through PZ-6). PZ-4 and PZ-5 were located in the areas north and south of MW-2, respectively while PZ-6 was located immediately west of the building. The borings were advanced to depths similar to that of MW-2 and the piezometers were screened over similar intervals. Soils encountered in the piezometer borings were typical of those present throughout the site, consisting of fine to medium grained sandy

clays and clayey sands. During the 4th VRP semi-annual period ending July 2014, three additional intermediate depth wells (MW-14, MW-17 and MW-18) were installed.

The piezometer and well elevations were surveyed and water levels in each well were measured during each sampling event. Measured groundwater elevations from the most recent event (June 2015) indicate a northeasterly groundwater flow direction in the intermediate depth zone (see Figure 7); whereas the flow direction of the upper zone in the area is in a northerly or northwesterly direction. These results indicate a separate flow regime may be present although the groundwater testing data obtained from MW-2, which indicated the presence of both VOCs and pesticides, indicates that there is significant communication between the two aquifer zones. It does not appear that the two zones represent distinct aquifers.

Two deep Type III monitoring wells (MW-4 and MW-12) have been installed on site. These wells were terminated at depths of 64 and 66 feet below grade, respectively. Groundwater elevations measured in these two wells were significantly lower than in other wells on site, possibly indicating a separate or minimally connected hydrologic unit. In each boring a clay-rich layer was identified at depth which appears to act as an aquitard, limiting the migration of water from the overlying zones. The detection of very low levels of VOCs in MW-4 in the 2002 assessment and very low levels of VOCs and pesticides in MW-12 indicates that there is some communication between the upper and lower aquifer zones.

3.2.3 Hydraulic Conductivity

In-situ hydraulic conductivity tests were performed in monitoring wells MW-1, MW-2 and MW-3 in February 2002 and in MW-4 and MW-12 in January 2010. The tests were performed using the slug-test procedures described by Bouwer and Rice (1976, 1989). In the slug-test method, hydraulic conductivity is estimated from the rate of rise of fall of the groundwater level in a well after a solid of know volume, or “slug” is inserted or removed from well. The static water levels in each monitoring well were measured and recorded prior to the tests. For the “slug-in” test, the water level was raised by inserting the slug and the change in water level was measured. Water level measurements were taken over regular intervals the next 15 minutes to 60 minutes to monitor recovery of the water table. For the “slug-out” test, the water level was lowered by removing the slug and monitoring the water level recovery as described above.

Subsequent to the completion of the test, the data were analyzed using the Bouwer and Rice (1976, 1989) method. The results of the "slug-in" and "slug-out" tests were averaged to derive in-situ hydraulic conductivity values for the shallow and deep aquifers.

The average hydraulic conductivity of the shallow wells, MW-1, MW-2 and MW-3, based on the slug-test data, was 4.83 x 10-4 cm/sec. The average hydraulic conductivity of the deep wells, MW-4 and MW-12 was very similar at 4.4 x 10-4 cm/sec.

3.2.4 Groundwater Flow

A summary of the well depths, screened intervals, depth to groundwater and water table elevations is presented in Table 8. A potentiometric surface map of the shallow aquifer zone was prepared based on the groundwater elevation data measured in June 2015 (see Figure 6). Based on these data, shallow groundwater flow is generally to the north. The horizontal groundwater gradient measured between MW-5 in the southern portion of the site and MW-9 in the northern portion of the site is approximately 1.06%.

Effective porosity was assumed to be 15% (Applied Hydrology, C.W. Fetter, 1994). The formula used to calculate the groundwater flow rate is as follows (Applied Hydrology, C.W. Fetter, 1994):

$$\text{Velocity} = \frac{K\,i}{n_e}$$

where: K = hydraulic conductivity (feet per day) = 1.37 ft/day
i = hydraulic gradient (feet per foot) = 0.0106 ft/ft
n_e = effective porosity (unitless) = 0.15

Based on the data input, an estimated groundwater velocity ranging of approximately 0.097 feet/day or approximately 35 feet per year was calculated for the site. We note, however, that organic constituents do not migrate at the same rate as groundwater and also attenuate as they migrate.

Groundwater generally flows in directions subparallel to the ground surface slopes and under the influence of gravity toward points of discharge such as creeks, swamps, drainage swales or pumped groundwater wells. The depth to groundwater on site has ranged from approximately three to fifteen feet.

3.2.5 Vertical Hydraulic Gradient

The vertical hydraulic gradient at the site was calculated by comparing groundwater elevations within the deep well MW-4 and the adjacent shallow well, MW-13, as measured on June 2, 2015. The difference in groundwater elevation was 23.62 feet with the deeper well exhibiting the lower groundwater elevation, indicating a downward hydraulic gradient of 0.44 ft/ft

4.0 DESCRIPTION OF THE RELEASE SOURCE

Results of soil and groundwater assessment activities indicate a release of regulated substances in soil and groundwater has occurred at the subject site. This section of the CSR provides a description of the source of the release.

4.1 SOURCE INVESTIGATION

The property was originally listed on the HSI for a known release of vinyl chloride in groundwater and a suspected release in soil exceeding a reportable quantity based on 1994 Phase II findings reported by CSRA.

4.1.1 VOC Source

Amec Foster Wheeler was subsequently contracted by Legion in 2000 and tested the groundwater for trichloroethene (TCE) which had not previously been included in the testing program. TCE was detected in MW-1 at a concentration of 350 µg/l. The source of TCE in MW-1 was eventually related to the manufacture of commercial kitchen equipment, a process that involved the use of chlorinated solvent degreasers until the early 1990s. Previous environmental assessment reports also noted the possible presence of tanks or buried materials in the area immediately south of the building. Based on the findings of solvent constituents in the groundwater south of the building, this area was investigated as a potential source area.

In May 2001, Amec Foster Wheeler contracted RED-R Services, Inc. to perform a ground-penetrating radar (GPR) survey to explore for possible buried source(s) of the detected TCE. The GPR survey indicated one geophysical anomaly up to 10 feet deep located about 150 feet from the southeast area of the main building. In June 2001, Amec Foster Wheeler advanced four Geoprobe borings (GP-1 though GP-4) in the vicinity of the anomaly to investigate whether it was the source of the TCE detected in MW-1, and additional Geoprobe borings (GP-5 through GP-10) to evaluate the extent of TCE in groundwater around monitoring well MW-1. The results of the groundwater analyses from the Geoprobe borings indicated TCE was present in the shallow groundwater in two borings (GP-5 and GP-10), located east and west of MW-1. TCE was not detected in soil or groundwater in the area of the geophysical anomaly.

In August 2001, monitoring well MW-1 was resampled and TCE was detected in groundwater at a concentration of 180 µg/L. Additional Geoprobe borings (GP-11 through GP-19) were installed to further delineate the extent of TCE in groundwater and to assist in identification of a

source. TCE was detected in shallow groundwater samples from all nine of the samples at concentrations ranging from 6.7 µg/L in GP-15 to 7,200 µg/L in GP-14 (converted to PZ-2). PZ-2 was resampled on September 25, 2000 and found to contain TCE at a concentration of 7,800 µg/L.

As the highest levels of TCE in groundwater were detected in an area located immediately south of the main building, five shallow (0.5 – 1.0 foot) soil samples (SS-8 through SS-12) were collected in this area in November 2001 to assist in identification of a source area. The soil samples were analyzed for TCE and its degradation products. TCE was detected in all of the soil samples at concentrations ranging from 8.9 µg/kg in SS-9 to 190,000 µg/kg in SS-12. The only degradation product detected in those soil samples was cis-1,2-dichloroethene which was detected at concentrations up to 18,000 µg/kg (SS-12).

The most likely source of TCE release at the property was thought to be small undocumented releases of solvents in connection with general solvent handling practices and, in particular, practices associated with the former non-contained drum storage area reportedly utilized by the former owners (LUC). This conclusion was based on a number of factors, including:

- The location of the highest concentrations of TCE in groundwater and soil were in the immediate vicinity of the former solvent drum storage area used by the prior owner to store waste. Drums in this area were reportedly stored directly on the ground in an unpaved area with no containment or other procedures to prevent releases.
- The distance of migration of the TCE (600 feet downgradient at a calculated groundwater velocity of 29 feet per year) and the degree of biodegradation of the TCE (to cis-1,2-dichloroethene and vinyl chloride) were consistent with releases that occurred at least 20 years prior to the 2001/2002 assessment.
- Amec Foster Wheeler's systematic efforts to identify a subsurface source indicated no remaining subsurface objects acting as a source.

Use of TCE was terminated at the facility by Legion Industries in the early 1990s. Suspected sources of the release to soil and groundwater in the southern area of the property identified in the 2002 CSR were: past handling practices of spent solvents, the former storage of drums in this area by LUC and possibly the former ASTs reportedly maintained by Atlas Chemicals; however it is not known whether Atlas utilized TCE in its on-site processes. Small undocumented releases of spent solvents would account for the presence of the detected compounds in shallow soil in the southern portion of the site.

Additional soil assessment conducted by Amec Foster Wheeler in 2010 identified impacts around the former degreaser pit which had been installed in the early 1970s.

In response to EPD's NOD letters in 2009/2010, Amec Foster Wheeler conducted additional assessment in the area south of the building. As discussed in more detail in Section 4.3, a number of previous boring locations were resampled at greater depth and/or for a wider range of regulated constituents. The 2010 findings for VOCs were generally consistent with previous Amec Foster Wheeler data. TCE and its breakdown products cis-1,2-DCE and vinyl chloride, along with tetrachloroethene (PCE) were identified in several borings located immediately south of the building at generally low to moderate concentrations. The concentrations detected tended to be significantly lower than had previously been detected in very shallow samples collected in 2001. Results of additional testing conducted in the vicinity of the previously identified geophysical anomaly were consistent with previous findings of no VOC impacts to soil in this area.

4.1.2 Pesticide Source

The subject site had been used for approximately 15 years (late 1950s – 1971) for the manufacture of pesticides by Atlas Chemicals. Atlas reportedly stored quantities of these materials within and just outside the southern portion of the building (an area now within the building following the building expansion by LUC). Limited testing conducted by CSRA in 1994 did not identify pesticides in soil or groundwater. In response to EPD's NOD letters in 2009/2010, Amec Foster Wheeler conducted additional assessment within the southern end of the building and in the area immediately south of the building. As discussed in more detail in Section 4.3, four borings were installed inside the building and a number of previous boring locations were resampled at greater depth and/or for a wider range of regulated constituents. The 2010 findings identified a number of pesticides in soil and groundwater in the area immediately south of the building and inside the building in the vicinity of the former degreasing pit. Pesticide concentrations in soil were highest in the area of the degreasing pit, which had been the outside pesticide storage area before building expansion by LUC. Moderate pesticide concentrations were detected immediately south of the building. Testing conducted in the vicinity of the previously identified geophysical anomaly identified only very limited pesticide impacts in soil.

4.2 REGULATED SUBSTANCES RELEASED FROM THE SOURCE

The substances identified in soil at the site include: 1,4-dichlorobenzene, chlorobenzene, cis-1,2-dichlorobenzene, ethylbenzene, isopropylbenzene, tetrachloroethene, toluene, trichloroethene, vinyl chloride, xylenes, barium, chromium, lead, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT,

aldrin, alpha-BHC, alpha chlordane, beta-BHC, delta-BHC, dieldrin, endrin, endrin ketone, gamma-BHC, gamma-chlordane, heptachlor, heptachlor epoxide and toxaphene.

The substances identified in groundwater at the site include: 1,1-dichloroethane, 1,1-dichloroethene, 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,4-dichlorobenzene, benzene, chlorobenzene, cis-1,2-dichlorobenzene, ethylbenzene, isopropylbenzene, methylene chloride, tetrachloroethene, trans-1,2-dichloroethene, trichloroethene, vinyl chloride, xylenes, 4,4'-DDD, 4,4'-DDT, alpha-BHC, alpha chlordane, beta-BHC, delta-BHC, dieldrin, endrin, endrin ketone, gamma-BHC, gamma-chlordane and toxaphene.

4.3 CHRONOLOGY OF THE RELEASES

Other than the assumption that the pesticide and VOC releases occurred in association with different businesses, specific information regarding the chronology of the releases is not available. As discussed in Section 1.0, the former Atlas Chemical facility operated as a pesticide manufacturer on site from the late 1950s until the early 1970s. It is likely that the releases of pesticides occurred during this time period. It is not known whether Atlas utilized chlorinated solvents during its operation at the site. LUC began operation on site in 1971 and utilized chlorinated solvents in its manufacturing process. Legion acquired the site in 1988 and operated in a capacity very similar to LUC until the early 1990s when it discontinued the use of chlorinated solvents, substituting a detergent rinse process. Following the change in the degreasing process, the degreasing equipment was removed from the site and the concrete-lined degreaser pit that formerly housed the equipment was filled in and covered with a concrete slab in the early 1990s.

5.0 DELINEATION OF SOIL CONTAMINATION

Soil samples were collected for laboratory analysis during several phases of investigation conducted between 2001 and 2010. These assessments included soil sampling from 19 groundwater monitoring wells, six piezometers, 42 soil borings. Refer to Figures 8 and 9 for a plan of the sampling locations and Tables 1-5 for a summary of the soil laboratory data.

5.1 ANALYTICAL PARAMETERS SELECTED

Soil samples collected during previous sampling activities conducted between 2001 and 2010 by Amec Foster Wheeler were analyzed for a limited number of volatile organic compounds (VOCs, SW-846 Test Method 8260B) and metals (SW-846 Test Method 6010).

Due to the former use of the site by Atlas Chemicals, a manufacturer of pesticides, at EPD's request, during the assessments conducted at the site by Amec Foster Wheeler in 2010, soil samples were tested for the presence of the full suite of VOCs (SW-846 Test Method 8260B), Pesticides (SW-846 Test Method 8081B), Herbicides (SW-846 Test Method 8151A) and RCRA metals (SW-846 Test Method 6010C and 7471B). Herbicides were removed from the suite of analytes during post-2010 assessments as no herbicides had been detected in soil or groundwater.

5.2 SAMPLING AND ANALYSIS PROCEDURES

5.2.1 Sampling Equipment and Collection Techniques

Soil samples from direct-push (Geoprobe) borings were collected using a four-foot long stainless steel sampling tube which is lined with a polyethylene sleeve and driven into the ground to the desired sampling depth. Soil samples collected from auger borings during groundwater monitoring well installation were collected using a split-spoon sampler and the standard penetration test method. Other samples were collected during the 2001 assessments using a stainless steel hand auger. Several of these boring locations were resampled using a Geoprobe.

5.2.2 Soil Sample Handling and Preservation Techniques

The collected soil samples were removed from the sampling device and placed in clean sample containers supplied by the laboratory. Soil samples for laboratory testing of VOCs were collected in accordance with SW-846 Method 5035 (the syringe method) and preserved in the field with sodium bisulfate and methanol. Samples were collected for metals, pesticide and

herbicide analysis in unpreserved containers. Clean nitrile gloves were worn during all sampling activities and the gloves were then discarded. Following sample collection, the samples were maintained on ice in a cooler until they were transferred to the laboratory.

5.2.3 Equipment Decontamination Procedures

Soil sampling tools and equipment, including drill rigs were decontaminated prior to beginning work on the site. During drilling operations, only clean drilling tools were used in each borehole. The split spoons and direct-push sampling tubes were decontaminated between samples and clean polyethylene liners were used for each Geoprobe sample. Clean nitrile gloves were used during the collection of all soil samples. Gloves were changed prior to the collection of each soil sample.

5.2.4 Chain-of-Custody Procedures

All collected samples were logged on a chain-of-custody form that was signed by the Amec Foster Wheeler field representative and the laboratory representative upon release of the samples to the laboratory. Chain-of-custody documentation are provided with the laboratory reports in Appendix A.

5.2.5 Laboratory Analytical Procedures

5.2.5.1 Standard Analytical Methods

Following delivery to the laboratory, selected soil samples collected by Amec Foster Wheeler were analyzed for VOCs using SW-846 Test Method 8260B, Pesticides using SW-846 Test Method 8081, Herbicides using SW-846 Test Method 8151 and RCRA metals using SW-846 Test Method 6010C and 7471B.

5.2.5.2 Quality Control Procedures

Quality control samples were prepared and analyzed during the assessment. Duplicate soil and groundwater samples were tested. Trip blanks and field blanks were included with the samples submitted to the laboratory. The trip blanks were provided by the laboratory and consisted of 40-ml vials filled with water. Results of the trip blank analyses are included in the laboratory reports. Results of Surrogate analysis are also included in the laboratory reports. Backup QA/QC data for these samples were included in laboratory reports for each assessment phase.

The soil samples collected by Amec Foster Wheeler were submitted to Analytical Environmental Services, Inc. (AES) for laboratory analysis. AES maintains a National Environmental

Laboratory Accreditation Conference (NELAC) certification for the analysis of volatile organics, pesticides, herbicides and metals.

5.3 SUMMARY OF PERTINENT SOIL TESTING DATA

A number of assessments have been completed on site by Amec Foster Wheeler and its predecessors since 2001. The laboratory data are summarized on Tables 1 through 5 and on Figures 8 and 9.

All downhole equipment, tools and materials were decontaminated prior to use and between each boring to minimize the potential for introduced and/or cross contamination. Decontamination of equipment and appropriate sampling protocols were observed throughout the drilling operation to preclude the introduction of contaminants. The field work was supervised by environmental professionals and the work was conducted under the provisions of our Health and Safety Plan.

Soils beneath the building slab consisted primarily of a layer of fill soil approximately two to four feet thick overlying virgin soils which consisted of interbedded sandy clays and clayey sands. Similar virgin soils were encountered outside the building but were overlain by a thinner layer of fill material (see attached boring logs in Appendix B). The soil borings were terminated near the water table.

5.3.1 2001/2002 Assessments

In June 2001, Amec Foster Wheeler advanced four Geoprobe borings (GP-1 though GP-4) in the vicinity of the identified geophysical anomaly to investigate whether it was the source of the TCE detected in MW-1. TCE was not detected in soil samples collected from these borings.

In accordance with EPD's request for additional soil sampling to assess the lateral extent of VOCs reported by CSRA in May 1994, seven shallow soil samples (SS-1 through SS-7) were collected in July 2001 from a depth of three feet each in seven hand auger borings located along the eastern site boundary, in the area of the former septic drain field and west of the main building. The borings were positioned to delineate the 1994 CSRA soil borings B-5, B-6 and B-7. VOCs were not detected in these seven borings.

As the highest levels of TCE in groundwater had been detected in an area located immediately south of the main building, five shallow (0.5 – 1.0 foot) soil samples (SS-8 through SS-12) were collected in this area in November 2001 to assist in identification of a source area. The soil

samples were analyzed for TCE and its degradation products. TCE was detected in all of the soil samples at concentrations ranging from 8.9 µg/kg in SS-9 to 190,000 µg/kg in SS-12. The only degradation product detected in those soil samples was cis-1,2-dichloroethene which was detected at concentrations up to 18,000 µg/kg (SS-12).

5.3.2 2010 Assessment

Following the submission of the CSR in 2002 and EPD's subsequent review and comments, additional soil testing was requested in areas previously assessed. Much of the additional testing involved sampling at previous boring locations, either testing deeper samples and/or testing for a wider range of constituents. On January 26-27, 2010, Amec Foster Wheeler installed a total of 16 direct-push borings on site for the purpose of collecting additional soil samples at previous boring locations. Note that the same boring designation was used for the resampling of previous borings.

Soil samples were collected from former boring locations GP-1 through GP-4 (around the GPR anomaly) at a depth of three feet and tested for VOCs, pesticides, herbicides and RCRA metals. This sampling depth was selected for GP-1 through GP-4 because it corresponded to the previous sampling depth and the purpose was simply to expand the testing scope. The results obtained very low concentrations of pesticides in GP-1 and GP-4. All concentrations detected were below applicable risk reduction standards (RRS). Neither VOCs nor herbicides were detected in these four borings. Low concentrations of the metals barium, chromium and lead were also detected in each boring at concentrations consistent with Piedmont soils and two on-site background samples.

At EPD's request, Amec Foster Wheeler installed a series of soil borings (DP-1 through DP-4) around the former degreaser pit location inside the facility. Each boring was sampled at a depth of approximately three feet and tested for VOCs, pesticides, herbicides and RCRA metals. The results from DP-1 through DP-4 identified concentrations of numerous VOCs that exceeded the least stringent RRS. These included: TCE, cis-1,2-DCE, vinyl chloride, ethylbenzene and xylenes. Elevated concentrations of both toluene and isopropylbenzene were also detected but at concentrations below applicable RRS.

A number of pesticides were also detected in excess of applicable RRS in this area. These include: 4,4'-DDT, aldrin, alpha-BHC, beta-BHC, delta-BHC, gamma-BHC, dieldrin, heptachlor, heptachlor epoxide and toxaphene.

No herbicides were detected in the DP borings and the metals concentrations detected were again consistent with naturally occurring background conditions.

5.3.3 2013 VRP Assessment

Following the site's acceptance into the VRP, additional assessment activities were conducted which included soil sampling and testing inside the building and in the area immediately south of the building. The purpose of this additional sampling was to delineate the lateral extent of VOCs and pesticides above risk reduction standards in each of these areas as requested by EPD in their 2011 CSR comment letter.

On January 3 and 4, 2013, Amec Foster Wheeler oversaw the installation of a series of soil test borings using a direct-push sampling device. Degreaser pit borings DP-9 through DP-19 were located inside the building, in the areas generally north, west and southwest of the former degreaser pit. These borings supplemented previous DP borings installed in 2010. These borings were intended to complete the delineation of the lateral extent of VOCs and pesticides which had previously been detected in the degreaser pit area at concentrations that exceeded non-residential RRS. Partial delineation had previously been achieved along the east wall of the building and immediately south of the former pit.

Four interior delineation borings (GP-9 through GP-12) were installed in the areas surrounding the previous borings that exhibited VOC and pesticide RRS exceedences (DP-1, DP-2, DP-5 and DP-8) at a distance of approximately 10 to 12 feet from the impacted borings. Additional borings (GP-13 through GP-19) were then installed a distance of approximately 15 feet farther out from the initial delineation borings to be tested in the event that the samples closer to the pit exhibited exceedences of applicable RRS. Of these seven borings, only two (GP-15 and GP-17) required testing to complete the interior delineation.

Borings SS-13 through SS-17 were installed in the area south of the building to delineate the lateral extent of VOC soil impacts previously detected in this area in excess of non-residential RRS. Borings SS-13 through SS-17 were installed in the area surrounding previous borings SS-8 and SS-12, in which VOC exceedances had previously been detected above. A single series of delineation borings was installed in this area as previous testing had largely determined the maximum extent of impacts. The purpose of the SS borings was to attempt to narrow the scope of required soil removal in this portion of the site.

The GP borings (located inside the building) were extended to a depth of 10 feet below the floor slab. Groundwater was encountered in these borings at a depth of approximately 4 to 4.5 feet. The SS borings (located outside the building) were extended to depth of five feet below ground surface. Groundwater was encountered at a slightly shallower depth outside the building because the building slab is elevated slightly above the surrounding grade.

One soil sample collected from above the water table from each of the four borings located closest to the former degreaser pit (GP-9 through GP-12) was selected for laboratory testing. The soil samples were analyzed for VOCs (EPA Method 8260B) and pesticides (EPA Method 8081A). The results of the soil testing are summarized on the attached Table 3 and on Figure 9, which also includes previous soil testing data in the immediate vicinity of the delineation borings.

SS-1 through SS-12 were sampled at depths of approximately three feet and tested for VOCs, pesticides, herbicides and RCRA metals. In the case of SS-8 through SS-12, the purpose was to both expand the testing scope and to obtain deeper samples for vertical delineation as the previous samples from these borings were collected from a depth of 0.5 – 1 foot. Note that the sampling depth was limited to approximately three feet below ground surface as the groundwater depth on site is very shallow (less than four feet). None of the SS borings exhibited detectable concentrations of herbicides and the metals concentrations detected were consistent with naturally occurring background conditions.

Results of the VOC testing from the SS borings confirmed the presence of VOCs in the area south of the building. Constituents detected included TCE, tetrachloroethene (PCE), cis-1,2-DCE, vinyl chloride, 1,4-dichlorobenzene and chlorobenzene. The VOC concentrations detected were below applicable risk reduction standards with the exception of TCE in boring SS-8-3' (1,900 ug/kg). Borings SS-1 through SS-7, located away from the area immediately south of the building did not exhibit VOCs.

Several pesticides were identified in borings SS-8, SS-10, SS-11 and SS-12 which had not previously been detected on site. The pesticide concentrations detected were generally low to moderate and in all cases were below at least one applicable RRS as discussed in Section 9.1. and Table 9-1. Borings SS-4 through SS-7 were located in the northern and western portions of the site and did not exhibit VOCs or pesticides.

5.4 BACKGROUND SOIL CONCENTRATIONS

Because the suspected VOC, and pesticide constituents in soil are not characteristic of naturally occurring conditions in Georgia soils, naturally occurring background conditions on the affected property were assumed to be below laboratory detection limits for these constituents. The metals that had previously been detected on site, barium, chromium and lead are naturally occurring. In order to evaluate local background conditions, two shallow background soil samples (Background-1 and Background-2) were collected during Amec Foster Wheeler's 2010 assessment. These samples were collected from the grassy field in the northern portion of the site, well away from plant activities which might be expected to impact shallow soil metals concentrations. The results of the analyses showed low levels of barium, chromium and lead in one sample and barium and chromium in the other. The concentrations were typical of those exhibited by Georgia soils and are consistent with metals concentrations detected elsewhere on the subject site.

6.0 DELINEATION OF GROUNDWATER CONTAMINATION

The wells installed on site were intended to evaluate the horizontal and vertical extent of contamination.

6.1 ANALYTICAL PARAMETERS SELECTED

Groundwater samples were initially analyzed only for a very limited number of VOCs. During Amec Foster Wheeler's 2009/2010 assessments, groundwater samples were tested for VOCs, pesticides and herbicides. Due to the lack of detection of herbicides in groundwater and the lack of elevated metals concentrations in soil, groundwater samples collected during the VRP monitoring events were limited to VOCs and pesticides.

6.2 MONITORING WELL LOCATIONS AND CONSTRUCTION METHODS

Groundwater assessments were conducted at the site by Amec Foster Wheeler between June 2001 and March 2002 for preparation of the original CSR. Additional groundwater assessment was conducted by Amec Foster Wheeler in December 2009 and January 2010 in response to EPD's comments on the CSR. Much of the initial groundwater sampling was conducted using direct-push borings. Some of these borings were sampled directly while others, due to the slow recharge of the site's soils were sampled through temporary one-inch diameter PVC casing. The purpose of the direct-push sampling was to obtain preliminary groundwater data which would allow for better placement of permanent monitoring wells which would be utilized to obtain data for preparation of the CSR. A total of 36 Geoprobe borings were installed for the sampling of groundwater. Two of these were unable to be sampled. The remaining 34 borings were tested for a limited spectrum of VOCs. Based on the results obtained, Amec Foster Wheeler installed eight additional wells (MW-4 through MW-11) on site and in the immediately surrounding area, including two in the Burke County easement east of the site and two in the Davis Road right-of-way west of the site. Two additional wells (MW-12 and MW-13) were installed by Amec Foster Wheeler in January 2010 to address EPD comments. Six more wells (MW-14 through MW-19) were installed in June 2014 under the VRP to provide additional source area data or to fill perceived data gaps as requested by EPD. The locations of these groundwater monitoring wells are shown on Figure 10.

Note that Legion Industries has attempted to gain access to Helena Chemical Company property west of the site and the Synergy Group, LLC property east of the site in order to

conduct additional groundwater sampling in these areas. In each case, permission to access the off-site properties was denied. Documentation of these contacts is attached in Appendix H.

The shallow wells on site were installed as Type II wells as described below. The two deep wells on site (MW-4 and MW-12) were installed as deep Type III wells to reduce the potential for shallow groundwater contamination to influence the testing results from the deeper aquifer. Well construction consisted of six-inch outer casings which were grouted in place at depths of 47.5 and 52 feet, respectively. After setting overnight, the casing interior was reamed and the boring extended to the final depth. The wells were completed with two-inch diameter well casings installed through the outer casing and finished as described below.

6.2.1 Type of Well Casing Material

The monitoring wells installed on site consist of Schedule 40 PVC well casing and screen with threaded joints. Monitoring wells MW-1 through MW-4, MW-12 and MW-13 consist of two-inch diameter PVC pipe. Monitoring wells MW-5 through MW-11were constructed with one-inch diameter PVC.

6.2.2 Description of Well Intake Design

6.2.2.1 Screen Slot Size and Length

Each of the drilled wells on site was constructed with 0.01-inch factory slotted PVC well screen. Monitoring wells MW-1 through MW-3 and MW-14 through MW-19 utilized a 5-foot screen length. Monitoring wells MW-4 through MW-13 utilized a 10-foot screen length.

6.2.2.2 Filter Pack Materials and Length

Washed 20/30 sieve size quartz sand was used to create the filter pack around the well screen in each of the wells. The sand extended to a height of approximately one to two feet above the top of the screen (see boring logs in Appendix B).

6.2.2.3 Method of Filter Pack Emplacement

The sand pack in the augered wells was placed around the screen by pouring the sand through the hollow-stem augers while simultaneously raising the augers to prevent bridging of the sand within the augers. Sand was placed around the Geoprobe well screen by pouring the sand around the well screen from the surface. The filter pack was then sealed from above with a one to two-foot layer of hydrated bentonite clay.

6.2.2.4 Surface Seal

The wells were grouted to within approximately six inches of the ground surface with Portland cement grout (Type II well construction). These wells were then topped with lockable steel covers, either flush-mount or stick-up.

6.2.2.5 Well Development Methods and Procedures

During the 2001 assessments, monitoring wells MW-1 through MW-3 and MW-5 through MW-11 were developed at least 24 hours following installation using a peristaltic pump and polyethylene tubing. MW-4 was developed using a decontaminated bailer. In 2010, MW-12 and MW-13 were developed using a peristaltic pump and Teflon-lined tubing at least 24 hours after installation. The parameters temperature, pH, specific conductivity and turbidity were periodically monitored during well development. Development continued until these parameters stabilized pursuant to EPA methodology and a minimum of five well volumes of water were removed during well development.

6.3 SAMPLING AND ANALYSIS PROCEDURES

6.3.1 Groundwater Elevation

During each groundwater monitoring event, groundwater levels were measured in each well from the top of the well or piezometer casing. As discussed in Section 5.4, a survey was conducted to measure the elevation of the top of each well casing for preparation of potentiometric surface maps (see Figures 6 and 7).

6.3.2 Well Evacuation Procedures

Well purging was accomplished using a peristaltic pump and Teflon tubing for all wells except MW-4 and MW-12 which utilized submersible pumps. During purging, the parameters temperature, pH, specific conductivity and turbidity were monitored and submitted in the previous reports. Purging continued until these parameters stabilized pursuant to EPA methodology and a minimum of three well volumes were removed or the well went dry.

6.3.3 Groundwater Sampling, Handling and Preservation

Immediately following purging, groundwater samples were collected using a peristaltic pump and low-flow sampling procedures. Clean latex gloves were worn during all development and sampling activities and were changed between each well location.

Samples were collected in clean sample containers, supplied by the laboratory, which contained the appropriate preservative. 40ml glass vials were used for the collection of groundwater samples for VOC analysis. VOC samples obtained by Amec Foster Wheeler were collected using a peristaltic pump by allowing the tubing to fill and then sealing the end near the pump, removing the tubing from the well and allowing it to gravity drain into the VOC vials to minimize turbulence and reduce the potential for volatilization (the straw method). The vials were completely filled, with no bubbles or headspace. Samples to be tested for pesticides and herbicides were collected using a low flow peristaltic pump with the discharge line discharging directly into the sample container. Following sample collection, the bottles were stored on ice in a cooler until they were transferred to the laboratory. The samples were maintained under strict chain-of-custody control from the time they were collected until they were relinquished to the laboratory.

6.3.4 Decontamination Procedures

Decontamination procedures consisted of the use of clean, unused tubing at each sampling location. Nitrile gloves were also worn and changed between each sampling location. Tubing was disposed of after each use. No equipment was used to sample more than one well.

6.3.5 Laboratory Analytical Techniques

6.3.5.1 Analytical Procedures

The samples collected during the 2001 assessments were submitted to Severn Trent Laboratories in Savannah, Georgia and tested for the presence of a limited range of VOC constituents using SW-846 Test Method 8260B.

Groundwater samples collected by Amec Foster Wheeler in 2009/2010 were submitted to Analytical Environmental Services, Inc. in Atlanta, Georgia and tested for the presence of the full suite of VOCs, plus 1,4-dioxane, pesticides (SW-846 Test Method 8081) and herbicides (SW-846 Test Method 8151).

Groundwater samples collected by Amec Foster Wheeler in 2013-2015 VRP sampling events were submitted to either Analytical Environmental Services, Inc. or Pace Analytical Services, Inc. and tested for the presence of VOCs and pesticides.

6.3.5.2 Quality Control Samples

The groundwater samples were maintained under chain-of-custody control and submitted to the analytical laboratory for testing. Duplicate samples and field blanks were tested. Trip blanks prepared by the laboratory were also submitted for testing. QA/QC was conducted in accordance with the laboratory analysis selected. Backup QA/QC data for these samples was included in the laboratory reports.

6.3.5.3 Chain-of-Custody Procedures

Samples collected during the assessment were delivered to the analytical laboratory under strict chain-of-custody protocol. From the time of collection until they were released to the laboratory, the samples were stored in ice-filled coolers. Chain-of-Custody records documenting the transfer of the samples to the laboratory were maintained and are included in the laboratory reports in Appendix A.

6.4 BACKGROUND GROUNDWATER QUALITY

Because the VOCs, pesticides and herbicides in question are not typical of naturally occurring substances in the Coastal Plain, naturally occurring background conditions for these constituents at the subject property were assumed to be below laboratory detection limits.

6.5 SUMMARY OF GROUNDWATER TESTING RESULTS

The groundwater testing results are summarized in Table 7 and on Figure 10.

6.5.1 Pre-VRP Sampling and Testing

The first groundwater assessment on site was conducted by CSRA in 1994 as part of an assessment related to a refinancing transaction. Groundwater samples were obtained from open boreholes and were of questionable quality. In order to confirm the 1994 findings, three monitoring wells (MW-1 through MW-3) were installed on site by Amec Foster Wheeler in 2000 and sampled for a very limited suite of VOCs and metals that CSRA had reportedly identified in groundwater. Barium was the only regulated constituent identified and it was considered to be representative of background conditions.

On April 25, 2001, Amec Foster Wheeler purged and resampled monitoring wells MW-1 and MW-3. TCE was detected in groundwater from MW-1 at a concentration of 350 µg/L. TCE was not detected in the groundwater sample from MW-3.

Between June 2001 and March 2002, in response to EPD's requirement that a CSR be submitted for the site, Amec Foster Wheeler conducted extensive sampling of groundwater in preparation for submittal of the CSR. These activities included additional confirmation sampling of the three existing monitoring wells (MW-1 through MW-3), the advancement of 36 Geoprobe borings and the installation, development and sampling of eight additional groundwater monitoring wells (MW-4 through MW-11).

The assessments were executed in several phases and the Geoprobe borings were advanced in a step-out fashion. If target analytes were encountered in groundwater, additional borings were advanced at greater distance from the point of detection. This approach was used to develop the placement of the groundwater monitoring wells necessary for the preparation of the 2002 CSR. Because of the slow recharge of the site's clayey soils, one-inch PVC casing, sanded in place, was placed in many of the Geoprobe borings and the casings were purged prior to sampling. Three Geoprobe borings GP-14, GP-17 and GP-18) were converted to piezometers (PZ-2, PZ-3 and PZ-1, respectively). These piezometers were purged and sampled several times with consistent results. PZ-1 and PZ-3 were subsequently destroyed while PZ-2 remains in place.

Twenty Geoprobe borings (GP-1 through GP-20) were advanced at the site between June and August 2001 in order to identify potential sources of TCE in MW-1 which was believed to be an upgradient well, and to delineate the horizontal and vertical extent of TCE in groundwater. Borings GP-14, GP-17 and GP-18 were converted to piezometers PZ-2, PZ-1 and PZ-3, respectively. Boring GP-20 was advanced to assess groundwater at greater depth (15 feet) in a suspected release area identified during a geophysical survey as discussed in Section 3.1.

In September 2001, Amec Foster Wheeler advanced four additional Geoprobe borings (GP-21 through GP-24) along the eastern site boundary to further delineate the extent of TCE in groundwater. TCE was detected in groundwater sampled from each of these borings at concentrations ranging from 28 to 830 µg/l. In addition, piezometer PZ-2 was resampled and the presence of TCE was confirmed at 7,800 µg/L.

In November 2001, groundwater was sampled from eight additional Geoprobe borings (GP-25 through GP-32), the three piezometers (PZ-1 through PZ-3) and monitoring well MW-2. Boring GP-32 was advanced to an approximate depth of 15 feet in the vicinity of PZ-2 to assess the vertical extent of the target constituents in groundwater. All samples were analyzed for TCE and its degradation products (1,1-dichloroethane, 1,2-dichloroethane, 1,1-dichloroethene, 1,2-

dichloroethene, cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride and chloroethane). TCE was detected in the groundwater sample from piezometer PZ-1 at a concentration of 130 µg/l, similar to that which had been detected in August 2001. TCE was not detected in PZ-3, whereas it had been detected at a low concentration (10 µg/l) in August 2000. TCE was detected in PZ-2 at a concentration of 3,800 µg/l, significantly lower than the previous sampling events (7,200 and 7,800 µg/l). TCE was detected in MW-2 at a concentration of 25 µg/l and in GP-32 (the deeper Geoprobe boring located in the source area) at a concentration of 16,000 µg/l. VOC compounds were not detected in the groundwater samples from GP-25, GP-26 or GP-27. The borings GP-28 and GP-29 were dry and could not be sampled.

The TCE degradation products cis-1,2-DCE and vinyl chloride were also detected in groundwater during the November 2001 sampling event. Vinyl chloride was detected at concentrations ranging from 630 to 6,800 µg/l while cis-1,2-DCE concentrations ranged from 480 to 16,000 µg/l.

Due to the presence of TCE degradation products in groundwater, in December 2001, MW-3, which had previously been tested only for TCE, was resampled and tested for both TCE and its degradation products. Neither TCE nor its degradation products were detected at that time.

Based on these findings, in January 2002, four additional Geoprobe borings were installed. Three of these borings (GP-33 through GP-35) were intended to delineate the lateral extent of groundwater impacts in the southwest, northwest and northeast areas of the site while the fourth (GP-36) was intended to delineate the vertical extent of groundwater impacts in the suspected source area. In addition, GP-29, which had previously been dry, contained water and was sampled. TCE and its degradation products were not detected in either GP-29 or GP-34. TCE and cis-1,2-DCE were detected in groundwater from the remaining borings, including samples from depths of 25 and 35 feet in GP-36. Vinyl chloride was also detected in the two samples collected from GP-36.

Based on the data obtained from the Geoprobe groundwater testing program, several locations were selected for the installation of groundwater monitoring wells. In February 2002 eight additional groundwater monitoring wells (MW-4 through MW-11) were installed on site. MW-4 was installed as a deep Type III well, intended to vertically delineate groundwater impacts in the suspected source area. MW-5 through MW-11 were installed as Type II wells at depths ranging from 13 to 25 feet to assess shallow groundwater conditions.

TCE and its degradation products were not detected in MW-4, indicating that vertical delineation had been accomplished in the suspected source area. TCE was detected in shallow groundwater from monitoring wells MW-1, MW-2, MW-6, MW-7 and MW-10 at concentrations ranging from 11 to 140 µg/L. Cis-1,2-DCE was detected in shallow groundwater from monitoring wells MW-1, MW-2, MW-6 and MW-7 at concentrations ranging from 6 to 270 µg/L. Vinyl chloride was not detected in any of the monitoring well samples.

Based on the groundwater testing results obtained and the risk reduction standards calculated for the site and included in the 2002 CSR, Amec Foster Wheeler concluded that concentrations of TCE, cis-1,2-DCE and vinyl chloride were present in groundwater at concentrations in excess of the Type 4 RRS for groundwater. This conclusion was documented in the CSR submitted to EPD in March 2002.

Following their review of the 2002 CSR, EPD commented that existing wells should be sampled for the full suite of VOCs, pesticides and herbicides. EPD also requested a shallow well be paired with MW-4 in the suspected source area and a second deep well be installed downgradient of the suspected source area. In response to EPD's comments regarding the 2009 CSR, Amec Foster Wheeler conducted additional assessment of the groundwater conditions on site between November 2009 and January 2010. The assessment included the resampling of all existing wells on site (except for MW-7 and MW-8, which could not be located) and the installation of two additional wells (MW-12 and MW-13). At EPD's request the wells were sampled for a wider range of regulated constituents, including the full spectrum of VOCs, pesticides and herbicides. The results of the 2009/2010 groundwater sampling identified a variety of VOCs as well as pesticides in a number of wells located in the southern and central portion of the site.

The highest concentrations of VOCs were detected in the suspected source area immediately south of the building. These results were consistent with earlier findings at the site. However, in the past, only TCE, cis-1,2-DCE and vinyl chloride were detected. During the recent testing, these same three compounds exhibited the highest concentrations, notably TCE as high as 57,000 µg/L, cis-1,2-DCE as high as 8,000 µg/L and vinyl chloride as high as 3,300 µg/L. The TCE concentration in PZ-2 was significantly higher in 2009 than had been detected previously; however, concentrations of both cis-1,2-DCE and vinyl chloride were substantially lower in 2009 than in 2001.

Lower concentrations of other VOCs were also detected in groundwater in MW-13 and/or PZ-2 including: 1,1-dichloroethane, 1,1,2-trichloroethane, 1,1-dichloroethene, 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,4-dichlorobenzene, benzene, isopropyl benzene, chlorobenzene, methylene chloride, tetrachloroethene, trans-1,2-dichloroethene and xylenes. Regulated constituents were not detected in the deep well, MW-4, located in this area.

A variety of pesticides were also detected in groundwater on site. Again, the most significant impacts, both in concentration and the number of constituents detected, were in MW-13 and PZ-2, in the suspected source area. The pesticides detected in groundwater on site include: 4,4'-DDD, 4,4'-DDT, alpha-BHC, alpha chlordane, beta-BHC, delta-BHC, dieldrin, endrin, endrin ketone, gamma-BHC, gamma chlordane and toxaphene.

All of the groundwater samples collected during the 2009/2010 assessment were tested for herbicides. None of the samples tested exhibited detectable concentrations of herbicides.

In addition to the groundwater sampling and testing that was performed in 2009/2010, at EPD's request, Amec Foster Wheeler collected two surface water samples from the drainage ditch located along the northern site boundary. The two samples, SW-1 and SW-2 were tested for the presence of VOCs, pesticides and herbicides. No regulated constituents were detected in the two surface water samples tested.

6.5.1 Post-VRP Sampling and Testing

Beginning in December 2013, following completion of the soil remediation, all wells which could be located were sampled under the VRP on a semi-annual basis. Four such sampling events have occurred, in December 2013, June 2014, December 2014 and June 2015. The results of the semi-annual monitoring are summarized below. Cumulative testing results are illustrated on Figure 10 and summarized in Table 7. Figures F-1 – F-6 in Appendix F depict isopleths of the primary constituents of concern (COCs) in groundwater. Contaminant trend graphs are also included in Appendix F.

6.5.1.1 Volatile Organic Compounds

The laboratory results obtained during the VRP monitoring events indicated variability in VOC concentrations in groundwater throughout the site with some areas showing limited increases and others showing decreases. VOC concentrations increased in the area immediately south of the building, near the impacted soil area that was excavated in 2013 around PZ-2 but decreased significantly in nearby MW-13. The highest recent TCE concentration of 46,300 µg/L

was detected in PZ-2. This concentration remains below the historic high of 57,000 detected in 2009 as do the concentrations of other chlorinated VOCs (CVOCs). VOC concentrations in MW-4 were very low and remained stable since testing began in 2001. MW-4 is a deep well located in the assumed source area. This well has not exhibited VOC concentrations in excess of their Type 1 RRS since it was first sampled in 2002, indicating vertical delineation has been achieved. VOC concentrations in MW-18 have decreased slightly during the three sampling events for this well, with TCE, cis-DCE, and vinyl chloride remaining above their respective RRS.

Non-chlorinated VOCs at the soil remediation area inside the building in MW-19 decreased substantially since the highest concentrations observed in this well in December 2014. The concentrations of CVOCs in MW-19 also decreased significantly compared to the previous monitoring event, although not nearly to the extent observed with the non-chlorinated VOCs. Concentrations of both ethylbenzene and xylenes were the highest on site during the December 2014 monitoring event. The most recent results were 16 µg/L for ethylbenzene and 67.1 µg/L for xylenes, well below their RRS.

In the western portion of the site, VOC concentrations in MW-1 have remained relatively stable since 2001, though recent concentrations are lower than the historic highs. VOC concentrations in MW-6 were lower than the previous event, with only one constituent (TCE) detected at the reporting limit of 1 µg/L. VOC concentrations in MW-7 have decreased significantly since 2002 and are currently below applicable RRS. VOC concentrations in MW-16 remained generally consistent with results from the previous sampling event and significantly lower than the June 2014 results. Low concentrations of cis-1,2-DCE and TCE have been detected in MW-9 at concentrations well below the applicable RRS.

In the southern portion of the site, VOCs have not been detected in MW-5 since sampling began in 2002. Only very low concentrations of cis-1,2-DCE and TCE have been detected in MW-14, well below the applicable RRS. MW-15, a shallow well located adjacent to MW-14, exhibited both cis-1,2-DCE and TCE with TCE exceeding its RRS.

In the eastern portion of the site, VOC concentrations were typically very low and were generally consistent with the December 2014 testing results with the exception of MW-17, which exhibited a significantly decreased concentration of TCE, while cis-1,2-DCE and vinyl chloride concentrations increased slightly in the most recent sampling event (June 2015). Most VOC concentrations in MW-2 remained consistent, with the exception that both cis-1,2-DCE and TCE

concentrations increased to levels comparable to those observed in June 2014. TCE and toluene were detected just above their reporting limits in MW-3. VOCs have not been detected above RRS in MW-10 or MW-11 since monitoring began in these wells in 2001.

6.5.2 Pesticides

Pesticide concentrations in groundwater have been monitored since 2009. Since that time, the pesticide concentrations have remained relatively consistent, with some constituent concentrations slightly higher and others slightly lower than during the previous event. No large scale (order of magnitude) variations in pesticide concentrations were observed.

The highest pesticide concentrations in soil were found inside the building and these soils were removed in 2013. Several pesticides have been detected in MW-19 in the interior excavation area with only endrin ketone and dieldrin exceeded applicable RRS. In the area immediately south of the building, pesticide concentrations were generally low, with slight RRS exceedances for endrin ketone (MW-13, MW-18 and PZ-2) and beta BHC (MW-13). Pesticides have not been detected in MW-4 (the deep well) since monitoring began in 2002.

In the western portion of the site pesticides have not been detected in recent sampling events in MW-6 and MW-7. Endrin ketone has been detected just above its RRS in MW-1. Other pesticides detected in MW-1 include alpha-BHC, beta-BHC and dieldrin, all at concentrations below their respective RRS. Pesticides have also been detected in MW-16 and MW-9. Only beta-BHC and Delta BHC have exceeded RRS in these two wells.

Pesticides have been detected at low levels in MW-2, MW-11, MW-12 and MW-17 in the eastern portion of the site. RRS exceedances have been observed for alpha-BHC, delta-BHC and endrin ketone.

Pesticides have not been detected in MW-5, MW-14 or MW-15, located in the southern and southeastern portions of the site since monitoring began. Likewise, they have not been detected in MW-10 or MW-3 in the northeastern portion of the site.

7.0 DESCRIPTION OF RESPONSIBLE PERSON FOR THE CONTAMINATION DETECTED AT THE PROPERTY

During the course of the various assessments conducted at the site, the extent of soil contamination and the groundwater contamination plume have been delineated within the property boundaries but not necessarily within the HSI site boundaries. Based on the available data, it is apparent that the VOC and pesticide contamination in soil and groundwater at the site is the result of releases within the southern portion of the building and outside the southern building entrance. The groundwater plume emanating from these areas has been mapped as migrating generally to the north, consistent with shallow groundwater flow. Low levels of VOCs constituents were previously detected off site, across Davis Road and pesticides have been detected in groundwater along the site's eastern boundary. Therefore, it is apparent that historical on-site industrial operations have contributed to the contamination detected at the property.

Following is a summary of information currently known about the three separate industrial entities that have operated on the site addressed at 370 Mills Road, Waynesboro, Georgia.

Late 1950s – 1971:	Atlas Chemical Company Mr. Fuchs, Owner Last known residence, Charleston, SC Formulation of agricultural pesticides
1971 – December 1988:	Legion Utensil Company Mr. Charles Scavullo, CEO and Shareholder Last known residence: 2709 McDowell Street Augusta, GA 30904 Manufacture of commercial grade kitchen equipment, used chlorinated solvents during full period of operation
December 1998- Present:	Legion Industries, Inc. Mr. Charles A. Brown, President, CEO, Chairman 373 Huntsville Road Dallas, Pennsylvania 18612 (570) 574-3362 Continued the manufacture of commercial kitchen equipment, terminated use of regulated chlorinated solvents circa 1992

The former owners/operators of the facility should also be considered responsible parties. Atlas Chemical Company reportedly operated on the property from the late 1950s until the property was purchased by Legion Utensil Company (LUC) in 1970. Atlas Chemical Company was a

pesticide manufacturing facility and was reportedly involved in the production of DDT and presumably, other pesticides. According to a memo prepared by Mr. Scavullo, the LUC CEO/owner, Atlas stored the pesticides loose on the floor and on the ground outside the building. After LUC took ownership of the property, they expanded the building southward in the early 1970s for a distance of approximately 25 feet, which covered the area where Atlas had reportedly stored their materials on the ground. Atlas Chemical is no longer present in Waynesboro and it is not known if the company still exists. Because neither LUC nor Legion Industries was ever involved in the formulation, packaging or storage of pesticides at the subject site, Atlas Chemical Company operations are considered solely responsible for the pesticide impacts identified at the site.

In 1970, the facility was purchased by Legion Utensil Company, the CEO of which was Mr. Charles Scavullo. Legion Utensil Company operated at the site until the late 1980s when it was purchased by Mr. Brown operating as Legion Industries, Inc. in 1988. The facility operations and materials used by Legion Industries were similar in nature to those employed by Legion Utensil Company. Legion Industries did discontinue the use of TCE in its process and filled in the degreaser pit with concrete a few years after taking over operation of the facility.

8.0 ACTIONS TAKEN TO ELIMINATE, CONTROL, OR MINIMIZE ANY POTENTIAL RISK AT THE SITE

Current facility operations no longer involve the use or production of the regulated constituents that have been detected on site in excess of their applicable RRS. Pesticide formulation ceased on site in the early 1970s and the use of solvent-based degreasing operations was discontinued in the early 1990s. Therefore, the potential for additional release of a regulated substance has been negligible for many years.

Remediation at the site was performed to address soil impacts related to previous site operations. Impacted soils from three areas within and immediately south of the building were excavated and disposed of in June 2013 as summarized below (described in more detail in the 2nd Semi-Annual Progress Report, dated July 24, 2013) and an amendment was applied to the interior excavation to degrade constituents in the underlying groundwater regime.

Amec Foster Wheeler coordinated and scheduled all planned activities with plant personnel so that soil removal work could be performed with limited impact to plant operations. In order to provide access to the interior excavation area, it was necessary to move a significant amount of materials and equipment, including a toggle press, out of the interior work area. Several trash and scrap metal containers were moved prior to the commencement of exterior soil excavation activities.

Previous soil leachability testing of both interior and exterior soil samples demonstrated the impacted soil was characteristically non-hazardous. Based on submittal of a waste profile signed by Legion Industries, approval was obtained from a permitted Subtitle D landfill (Augusta Deans Bridge Road Landfill) for disposal of impacted soils as non-hazardous waste.

Amec Foster Wheeler mobilized the required personnel and equipment during the week of June 17, 2013. Due to the disruption to normal work procedures in the soil removal area, plant operations were shut down shortly after soil removal activities began.

8.1 PRE-EXCAVATION CONFIRMATION SAMPLING AND TESTING

Limited additional soil sampling was necessary to supplement previous test results and to provide the confirmation data spacing specified in the VRP application. The additional confirmation samples were collected to complete the delineation of the areas requiring excavation and to ensure that adequate confirmation sampling frequency (every 25 feet along excavation perimeters) had been achieved. On June 17, 2013, 11 soil confirmation samples

(CS-1 through CS-7 and CS-10 through CS-13) were collected from the area of the exterior excavations and two samples (CS-8 and CS-9) were collected from the area of the interior excavation. The samples were collected using a decontaminated hand auger and were submitted to Analytical Environmental Services, Inc. in Atlanta, Georgia for testing on a 24-hour basis. The exterior delineation/confirmation samples were tested for TCE only as it was the only constituent that had been detected outside the building above its RRS. The interior samples were tested for both VOCs and pesticides as multiple constituents from each of these analyte suites had been identified in excess of applicable RRS in the area around the former degreaser pit, which was also the area of former pesticide drum storage. The soil confirmation data is summarized on Figures 11 and 12. Note that two of the interior samples (GP-15 and GP-17) were not tested for both VOCs and pesticides. GP-10, located inboard of GP-15, demonstrated compliance with VOCs while GP-12, located inboard of GP-17, demonstrated compliance with pesticides. Therefore, those constituents were not included in the analyses of the outermost samples.

Several of the samples collected during the June 2013 sampling event were located outside of the anticipated excavation area and were held by the laboratory in the event that certain of the initial samples did not meet the applicable RRS. The results of the confirmation sampling indicated that exterior samples CS-3, CS-4 and CS-5 exceeded RRS for TCE and interior sample CS-9 exceeded the RRS for dieldrin and toxaphene. Based on these results, exterior samples CS-10, CS-11 and CS-12 were analyzed and another interior sample, CS-9A, was collected. Of these, only CS-10 still exceeded a RRS. Additional samples were collected south of CS-10. The next sample, CS-14 2', met the applicable RRS, thereby completing the confirmation sampling.

The results of the confirmation testing are presented in Tables 4, 5 and 6 and on Figures 11 and 12. Complete laboratory reports are documented in Appendix A.

8.2 SOIL REMOVAL

Excavation of impacted soils began on June 18, 2013 and was completed on June 28, 2013 by Amec Foster Wheeler.

Inside the building, an irregularly shaped section of the concrete floor measuring roughly 50 feet by 60 feet was marked with spray paint and broken out using a concrete breaker. The northwest portion of this excavation butted up against the pit located beneath the clearing press

while the eastern portion extended to the footing of the eastern exterior wall of the building. The pit was a concrete structure that extended approximately 8 feet below the water table. The broken slab concrete was removed and disposed of along with the impacted soil.

The soil inside the building was excavated to a depth of approximately 4.5 feet where groundwater was encountered. This excavation was extended laterally to the previous sample locations where soil concentrations were documented to be below applicable RRS. The soil was removed from the building using a backhoe and skid steer loader and transferred to the stockpile location south of the building.

The interior excavation also encountered a large mass of concrete, approximately three feet thick that filled the former degreaser pit. This concrete was broken up and disposed of along with the excavated soil. Another subsurface concrete slab was identified in the southern portion of the excavation at a depth approximately 2 feet below the floor level. This slab measured approximately 10 feet by 25 feet and was also broken up and removed for disposal. The total amount of soil and concrete removed from the interior excavation is estimated to be approximately 700 tons.

The limits of the exterior excavations were marked on the ground with spray paint by connecting the confirmation sample locations. The exterior excavations were slightly larger than the 30 x 30 foot areas originally estimated and included some concrete associated with a walkway and a driveway. The bulk of the exterior excavation areas were unpaved. Soils in the exterior excavations were removed to a depth of approximately 2.5 feet below grade, at which point the water table was encountered. A total of approximately 130 tons of soil and concrete were removed from the western exterior excavation and approximately 150 tons of soil and concrete were removed from the eastern exterior excavation. No subsurface structures or other obstructions were encountered in the exterior excavations.

All excavated material was placed in a stockpile located south of the building. The stockpile was constructed on 6 mil polyethylene sheeting and covered daily with polyethylene sheeting.

8.3 AMENDMENT APPLICATION

At the recommendation of EPD in a letter dated May 20, 2013, prior to placing any backfill material in the interior excavation area, Amec Foster Wheeler amended the exposed soil using an oxygen releasing compound (ORC). A pelletized version of ORC designed specifically for direct application into excavations was used. This pelletized, dry application material was

selected as it minimizes airborne dust while eliminating the need for specialized equipment. The primary function of the ORC pellets is to provide a controlled-release oxygen source for the enhanced aerobic bioremediation of aerobically degradable compounds. Approximately 1,000 pounds of the ORC pellets were spread over the base of the interior excavation at the water table elevation prior to backfilling the excavation.

8.4 TRANSPORTATION AND DISPOSAL

The soil had been previously analyzed for disposal and was characterized as non-hazardous. The excavated soil was stockpiled in the southern portion of the site until a sufficient quantity had accumulated, at which point the transporter was called to remove the accumulated material. Soils were loaded from the stockpile into end dump trucks using an excavator. Dry decontamination procedures, consisting of the use of brooms and other hand tools were used on vehicles and equipment, as necessary before they left the site.

A total of 979.9 tons of material (soil and concrete) were removed from the site and transported to the Augusta Deans Bridge Road Landfill in Augusta, Richmond County, Georgia. Disposal manifests are attached in Appendix J.

8.5 BACKFILLING AND GRADING

Following soil removal, the interior excavation was backfilled with No. 57 stone and topped with graded aggregate to sub-grade elevation. The floor area was then restored by installing a new concrete pad. The exterior excavations were backfilled with No. 57 stone, topped with an approximate six-inch layer of compacted graded aggregate and leveled to match the surrounding grade.

9.0 RISK REDUCTION STANDARDS

The subject site is located in Waynesboro, Georgia in an area of industrial properties. The subject site is zoned for industrial use and, is classified as “non-residential” property as defined under HSRA.

As discussed in Section 4.2, HSRA-regulated substances were detected in soil and groundwater samples obtained during various assessments conducted by Amec Foster Wheeler. Therefore, risk reduction standards (RRS) were calculated for these substances in accordance with the HSRA Rules and are summarized below. See Appendix C for complete RRS calculations.

9.1 SOIL CRITERIA

A total of 27 HSRA-regulated constituents were detected in soil during Amec Foster Wheeler’s assessments. Type 1-4 RRS for all constituents detected in soil on site are presented below in Table 9-1 along with the highest concentration of each constituent remaining in soil on site after remediation.

TABLE 9-1 - RISK REDUCTION STANDARDS FOR SOIL

Regulated Substance	Highest Remaining Concentration, mg/kg	Location	Non-Residential	
			Type 3 RRS Criteria, mg/kg	Type 4 RRS Criteria, mg/kg
Metals				
Barium	34.7	SS-7-3'	1,000	17,000
Chromium	29.6	PDL-3-3'	1,200	38
Lead	9.75	SS-7-3'	400	270
VOCs				
1,4-dichlorobenzene	0.011	SS-10-3"	7.5	1.0
Chlorobenzene	0.038	SS-10-3'	10	0.78
Cis-1,2-dichloroethene	0.014	SS-16-2-2.5'	7.0	6.0
Ethylbenzene	0.007	DP-2-3'*	70	16
Isopropylbenzene	BRL	NA	22	33
Tetrachloroethene	BRL	NA	0.5	0.045
Toluene	BRL	NA	100	72
Trichloroethene	0.16	SS-16-2-2.5'	0.50	0.27
Vinyl Chloride	0.029	DP-7-2-2.5'	0.20	0.014
Xylenes	0.021	GP-17-2-2.5'	1,000	200
Pesticides				
4,4-DDD	4.6	SS-10-3'	0.66	56.0
4,4'-DDE	0.22	SS-10-3'	0.66	40.0
4,4'-DDT	6.6	SS-10-3'	0.66	57.0
Aldrin	0.12	SS-10-3'	0.66	0.55
Alpha-BHC	0.15	DP-7-2-2.5'	0.66	0.053
Beta-BHC	0.03	SS-10-3'	0.66	0.19
Delta-BHC	0.041	SS-10-3'	0.005	0.19
Gamma-BHC	1.3	DP-3-3'*	0.66	0.30
Chlordane	7.6	DP-3-3'	9.2	11.0
Dieldrin	0.22	SS-10-3'	0.66	0.14
Endrin	0.011	SS-11-3'	10.0	25.0
Endrin Ketone	0.033	SS-11-3'	10.0	0.081
Heptachlor	0.0024	SS-11-3'	0.66	1.1
Heptachlor Epoxide	0.012	SS-11-3'	1.7	0.13
Toxaphene	3.7	SS-17-0.5-1'	11.0	15.0

mg/kg - milligrams per kilogram (equivalent to parts per million)
Note: All soil concentrations remaining after soil remediation are below Type 3 or 4 RRS or both.

Based on the soil testing data collected to date and following the soil remediation measures described in Section 8.0, the subject site is currently in compliance with applicable non-residential RRS for regulated constituents in soil.

9.2 GROUNDWATER CRITERIA

Type 1-4 RRS for all constituents detected in groundwater on site are presented below in Table 9-2. HSRA RRS criteria for groundwater for the detected constituents are shown compared to their highest concentrations detected on site.

TABLE 9-2 – RISK REDUCTION STANDARDS FOR GROUNDWATER SHALLOW ZONE

Regulated Substance	Highest Concentration Detected µg/L	Location	Most Recent Concentration at that Location, µg/L (June 2015)	Residential		Non-Residential	
				Type 1 RRS Criteria, µg/L	Type 2 RRS Criteria, µg/L	Type 3 RRS Criteria, µg/L	Type 4 RRS Criteria, µg/L
VOCs							
1,2-dichlorobenzene	12	MW-13	<50	600	110	600	548
1,4-dichlorobenzene	56	MW-13	56	70	156	70	519
1,1-dichloroethane	19	MW-13	<50	4,000	25.3	4,000	46.4
1,1-dichloroethene	11	MW-13	<50	7.0	103	7.0	523
1,2,4-trichlorobenzene	51	MW-13	<50	70	1.18	70	5.79
1,1,2-trichloroethane	BRL	NA	BRL	200	2.53	200	4.46
Benzene	14.6	MW-13	<50	5.0	4.48	5.0	8.8
Chlorobenzene	65	MW-13	<50	100	27	100	130
Cis-1,2-dichloroethene	2,900	MW-13	1,030	70	160	70	1,000
Ethylbenzene	2,330	MW-19	16.0	700	15	700	29
Isopropylbenzene	7.3	MW-13	<50	5.0	200	5.0	1,000
Methylene Chloride	5.4	MW-13	<50	5.0	74	5.0	450
Naphthalene	63.8	MW-19	<25	20	2.4	20	1.4
Trans-1,2-dichloroethene	32.4	MW-13	<50	100	310	100	2,000
Trichloroethene	8,200	MW-13	2,580	5.0	21	5.0	38
Vinyl Chloride	3,300	MW-13	576	2.0	1.1	2.0	3.3
Xylenes	10,900	MW-19	67.1	10,000	59	10,000	290
Pesticides							
4,4-DDD	7.4	MW-19	2.1	0.1	3.5	0.1	12
4,4'-DDT	8.4	MW-13	4.0	0.1	2.5	0.1	8.4
Alpha-BHC	4.0	MW-19	<1.0	0.05	0.14	0.05	0.45
Beta-BHC	4.9	MW-19	1.5	0.05	0.47	0.05	1.6
Delta-BHC	8.3	MW-19	<1.0	0.05	0.47	0.05	1.6
Gamma-BHC	4.4	MW-19	<4.0	0.2	0.77	0.2	2.6
Chlordane	BRL	NA	BRL	2.0	2.4	2.0	8.2
Dieldrin	7.9	MW-19	7.9	0.1	0.053	0.1	0.18
Endrin	8.0	MW-13	3.2	2.0	4.7	2.0	31
Endrin Ketone	6.2	MW-13	6.2	0.1	0.1	0.1	ND
Toxaphene	44.0	MW-13	<4.0	5.0	0.77	5.0	2.6

µg/kg - micrograms per liter (equivalent to parts per billion)

Note: Shaded values exceed Type 1-4 RRS

TABLE 9-3 - RISK REDUCTION STANDARDS FOR GROUNDWATER INTERMEDIATE DEPTH ZONE

Regulated Substance	Highest Concentration Detected µg/L	Location	Most Recent Concentration at that Location, µg/L (June 2015)	Residential		Non-Residential	
				Type 1 RRS Criteria, µg/L	Type 2 RRS Criteria, µg/L	Type 3 RRS Criteria, µg/L	Type 4 RRS Criteria, µg/L
VOCs							
1,2-dichlorobenzene	BRL	NA	BRL	600	110	600	548
1,4-dichlorobenzene	3.0	MW-2	2.0	70	156	70	519
1,1-dichloroethane	4.0	MW-18	<50	4,000	25.3	4,000	46.4
1,1-dichloroethene	14	PZ-2	<250	7.0	103	7.0	523
1,2,4-trichlorobenzene	7.7	MW-18	<50	70	1.18	70	5.79
1,1,2-trichloroethane	21	PZ-2	<100	200	2.53	200	4.46
Benzene	4.1	MW-18	<50	5.0	4.48	5.0	8.8
Chlorobenzene	15.4	MW-18	<50	100	27	100	130
Cis-1,2-dichloroethene	20,000	PZ-2	7,280	70	160	70	1,000
Ethylbenzene	2.5	MW-2	2.3	700	15	700	29
Isopropylbenzene	1.6	MW-2	<1.0	5.0	200	5.0	1,000
Methylene Chloride	592	PZ-2	592	5.0	74	5.0	450
Naphthalene	5.5	MW-2	5.5	20	2.4	20	1.4
Trans-1,2-dichloroethene	80.3	PZ-2	<100	100	310	100	2,000
Trichloroethene	57,000	PZ-2	46,300	5.0	21	5.0	38
Vinyl Chloride	6,800	PZ-2	1,620	2.0	1.1	2.0	3.3
Xylenes	7.8	MW-2	7.8	10,000	59	10,000	290
Pesticides							
4,4-DDD	2.2	PZ-2	0.12	0.1	3.5	0.1	12
4,4'-DDT	0.55	PZ-2	0.55	0.1	2.5	0.1	8.4
Alpha-BHC	7.3	MW-2	6.5	0.05	0.14	0.05	0.45
Beta-BHC	1.4	MW-2	<1.2	0.05	0.47	0.05	1.6
Delta-BHC	9.0	MW-2	9.0	0.05	0.47	0.05	1.6
Gamma-BHC	2.5	MW-2	2.3	0.2	0.77	0.2	2.6
Chlordane	2.22	MW-2	<5.0	2.0	2.4	2.0	8.2
Dieldrin	1.8	MW-2	<1.2	0.1	0.053	0.1	0.18
Endrin	1.2	MW-18	<0.05	2.0	4.7	2.0	31
Endrin Ketone	1.3	PZ-2	0.51	0.1	0.1	0.1	ND
Toxaphene	2.6	MW-18	2.6	5.0	0.77	5.0	2.6

µg/kg - micrograms per liter (equivalent to parts per billion)
Note: Shaded values exceed Type 1-4 RRS

Based on the groundwater testing data available to Amec Foster Wheeler and presented herein, groundwater in the shallow aquifer zone at the site does not currently comply with Type 1, 2, 3 or 4 groundwater RRS for the following constituents: benzene, cis-1,2-DCE, trichloroethene, vinyl chloride, Alpha-BHC, Beta-BHC, Delta-BHC, Gamma BHC, dieldrin, and endrin ketone. Groundwater in the intermediate aquifer zone does not comply with Type 1,2,3 or 4 groundwater RRS for cis-1,2-DCE, methylene chloride, trichloroethene, vinyl chloride, Alpha-BHC, Delta-BHC, dieldrin and endrin ketone.

10.0 EXPOSURE PATHWAYS

The risk to human health and the environmental is directly related to the potential for receptors to be exposed to contamination. Exposure pathways are the means by which regulated substances migrate from a source to a point of contact with humans and/or the environment. An examination of the following potential exposure pathways and receptors was conducted for the site.

- Potential exposure to regulated constituents in soil;
- Potential exposure to regulated constituents in groundwater;
- Potential exposure to regulated constituents in surface water;
- Potential exposure to regulated constituents due to vapor intrusion from impacted soil or groundwater.

10.1 SOIL CRITERIA

The potential for direct exposure of commercial workers to impacted soil at the site is incomplete as soil concentrations are below the approved direct exposure risk reduction standards for construction workers and utility workers in the event that ground-disturbing activities are performed in the future.

Type 1, 2, 3 and 4 RRS were calculated for constituents detected in soil using default exposure assumptions. The site satisfies RRS criteria calculated for potential exposure to soil for all COCs detected on site. The HSRA Type 1 through Type 4 RRS criteria for soil for the regulated substances are shown in Table 9-1 along with the highest remaining concentration detected and the corresponding sample location.

On the basis of the site's compliance with non-residential RRS for soil at a minimum, and in conjunction with the industrial zoning designation for the site, the site is currently in compliance with non-residential RRS and the soil exposure pathway is no longer complete. In addition, Legion Industries, Inc. will file an Environmental Covenant restricting use of the site to non-residential purposes,

10.2 GROUNDWATER CRITERIA

A water usage survey was conducted for the area surrounding the site to identify active drinking water sources in the site vicinity (see Appendix E). In summary, no domestic drinking water wells were identified within one mile of the site. Two public supply wells were identified in the general site vicinity. One well is located just under a mile southwest of the site while the second

is approximately 1.15 miles to the northwest. Neither supply well is located within the documented flow path downgradient from the site. The general groundwater flow in this area is northward toward Brier Creek, approximately 2.75 miles north of the site. A surface water intake is also located on Brier Creek northeast of the site, approximately three miles downstream of the point where shallow groundwater from the site would discharge to the creek, resulting in a total flow path of over five miles from the site to the intake location. Based on this research and delineation of the groundwater contamination discussed in Section 6.0, no drinking water sources have been identified which would be impacted by the release from the site.

Groundwater contaminant fate and transport modeling results (Appendix D) indicate the shallow plume migration (northward) will likely remain within the site boundaries over the long term. Intermediate depth plume migration (northeastward) is predicted to extend off site to the northeast. The maximum extent of the intermediate depth plume is predicted to extend approximately 1,400 feet 50 years in the future.

In order to evaluate the risk that regulated constituents in groundwater could impact a potential receptor within 1,000 feet of the downgradient extent of the plume and to estimate the time required to achieve compliance with applicable RRS, Amec Foster Wheeler applied the BIOCHLOR software to the release of CVOCs in groundwater on site. CVOCs are what the program is designed to address and CVOCs represent the most mobile components of the VOC plume and substantially more mobile than pesticides. Because the extent of pesticides is more restricted, despite their earlier release, which confirms they are less mobile in the subsurface environment, they have not been modeled.

BIOCHLOR utilizes a combination of site specific data and literature values to determine the various physical properties of the plume and the migration potential of chlorinated VOC constituents. The purpose of the modeling is to predict the migration pattern of a chlorinated solvent plume where no engineering controls have been implemented and monitored natural attenuation (MNA) is the groundwater remedial option.

As first documented in the 3rd Semi-Annual Progress Report, the initial release of CVOCs to groundwater has been assumed to have occurred 40 years ago when the kitchen ware manufacturing operation began in the 1970s. This time frame appears to be reasonable based on the calibration of actual conditions with model results. CVOCs are no longer utilized on site

and soils impacted above applicable RRS in the source areas have been removed. As such, the release going forward has been modelled as a decaying source.

Groundwater conditions in MW-13 represents the source location for the shallow aquifer zone and conditions in PZ-2 represent the source location for the intermediate depth aquifer because this is the most upgradient location of soil impact that required remediation. In each case the highest historic groundwater concentrations were utilized as the initial contaminant concentrations.

The model was initially developed for the 3rd Semi-Annual Monitoring Report by inputting measured parameters such as hydraulic conductivity, hydraulic gradient, soil organic carbon content, and groundwater VOC concentrations within the source area. It has been fine-tuned using data obtained during subsequent monitoring periods.

As illustrated on the attached updated outputs from the BIOCHLOR model, the model predicts CVOC concentrations in groundwater after approximately 40 years (i.e. now) that closely match conditions currently observed in wells downgradient of the source wells MW-13 and PZ-2. A 60-year model run was utilized to extend predictions for the next 20 years. The results of the modeling indicate that the downgradient extent of the shallow plume will not migrate beyond Legion Industries' northern property boundary at concentrations in excess of applicable RRS. The intermediate depth plume may slightly exceed the RRS for vinyl chloride at the eastern property boundary, but is not predicted to exceed the RRS at a distance of greater than 500 feet from the source area. The predicted maximum extent of the shallow and intermediate depth plumes are illustrated on Figure E-1 which also illustrates the locations of the wells and surface water intake in the site vicinity and demonstrates the significant distances between the plume and area receptors.

RRS were calculated for the constituents detected in groundwater on site. Again the Type 1, 2, 3 and 4 RRS criteria were derived using site default exposure assumptions (Tables C-2 and C-3 in Appendix C). Based on the groundwater results, neither the shallow nor the intermediate aquifer zones on site currently comply with the Type 1-4 groundwater RRS for at least one or more pesticides or VOCs. Although groundwater conditions are not currently in compliance with applicable Type 1-4 RRS, there is no use of groundwater for drinking on site or in the surrounding area and the risk to human health and the environment posed by the groundwater on site is negligible.

The site will comply with Type 5 RRS upon filing of an Environmental Covenant by Legion Industries, Inc. that restricts the use of groundwater as an institutional control. Further, the condition of the groundwater on site is expected to improve over time due to the natural attenuation of regulated constituents as observed in on-site wells in recent sampling events.

Groundwater monitoring over a period of 15 years from 2001 to 2015, along with groundwater fate and transport modeling, have demonstrated the groundwater conditions will not exceed Georgia in-stream water quality standards or drinking water standards within 1,000 feet downgradient of the current extent of impacts (Appendix D). The area in the flow path down-gradient of the shallow plume is undeveloped and occupied by a multi-lane highway. The property in the flow path of the intermediate plume is also zoned industrial and is occupied by a manufacturing warehouse facility served by the municipal water supply. As such, the site is in compliance with appropriate groundwater criteria under the VRP.

For these reasons, the groundwater exposure pathway is incomplete. Also, the proposed filing of an Environmental Covenant will restrict the use of groundwater on the site.

10.3 SOURCE

Concentrations of dissolved VOCs in groundwater are all well below the aqueous solubilities for the various compounds detected on site. Evidence of saturated soils indicative of a potential free product condition has never been observed and impacted soils from the source area have been removed. The concentrations of PCE detected in groundwater from PZ-2 historically have been in excess of 1%, but below 4.5%, of the aqueous solubility of TCE during some of the monitoring events. However, no direct indications of a dense non-aqueous phase liquid (DNAPL) condition have been observed during installation or sampling of the numerous borings and wells on the subject site.

10.4 SURFACE WATER

Surface water testing conducted on samples collected from the drainage ditch along the Waynesboro Bypass did not detect COCs. Further, as detailed in the Semi-Annual VRP Progress Reports, groundwater fate and transport modelling indicates that COCs are not predicted to reach Brier Creek, the nearest perennial stream.

Based on the detected concentrations of COCs dissolved in groundwater at the site, the results of the analytical groundwater fate and transport model for the VOCs in question and the results

of the testing of the only surface water in the nearby site vicinity, in-stream water quality standards are not exceeded currently, and are not predicted to be exceeded in the future. Therefore, the surface water exposure pathway is incomplete.

10.5 VAPOR INTRUSION

A screening level vapor intrusion risk evaluation was performed for the Legion Industries facility. Refer to Appendix G.

The purpose of the vapor intrusion risk evaluation was to evaluate the potential for volatile organic compounds (VOCs) detected in shallow groundwater to intrude into indoor air inside current buildings at the site. Twelve monitoring wells screened in the shallow aquifer zone (MW-1, MW-3, MW-5, MW-6 MW-7, MW-9, MW-10, MW-11, MW-13, MW-15, MW-16 and MW-19) remain on site and data from these wells were included in this assessment (Figure 10). One piezometer (PZ-2) and MW-2 are also regularly sampled and analyzed for VOCs; however, data from these locations was excluded from this risk evaluation because the data is not representative of the shallow aquifer zone underlying the site. Semi-annual groundwater data from the last four sampling events (December 2013 to June 2015) are the focus of this vapor intrusion risk evaluation. Groundwater data collected prior to December 2013 was excluded because the data is not likely representative of current conditions.

The focus of the vapor intrusion risk evaluation is on volatile compounds detected in shallow groundwater underlying the site that exceeded USEPA's risk-based groundwater vapor intrusion screening levels (VISLs, USEPA, 2015). Six VOCs detected at the site have also been detected at levels exceeding the higher of Type 3 or Type 4 groundwater RRS under the Georgia Hazardous Site Response Act (HSRA). These six VOCs include benzene, naphthalene, TCE, vinyl chloride (VC), xylenes, and cis-1,2-DCE. Data for these six VOCs are shown in Appendix G, Table 1a for each monitoring location. An additional screening step was completed for the other detected compounds that are potentially volatile. The maximum detected concentrations for additional volatile compounds were compared to groundwater VISLs to ensure that other indoor air constituents of potential concern were not overlooked. These comparisons are shown in Appendix G, Table 1b. A summary of the groundwater analytical results applied to the risk evaluation can be found on Figure 10.

For the calculation of the groundwater VISLs, a site-specific groundwater temperature of 22.8 degrees Celsius was used, based on well purging data. A commercial exposure scenario was

assumed in the VISL calculations using a target cancer risk of 10^{-5} with a target hazard index of 1 as designated under HSRA rules. The highest detected groundwater concentrations for detected VOCs are compared to their respective target groundwater concentrations on Table 1a and Table 1b in Appendix G. A VISL could not be calculated for cis-DCE because there is no published inhalation toxicity values for this compound.

Four VOCs evaluated exceeded commercial VISLs: ethylbenzene, TCE, VC, and xylenes. The maximum detected concentration of ethylbenzene was 2,330 µg/L (MW-19), which exceeded the commercial VISL of 170 µg/L for this constituent. The maximum detected concentration of TCE was 4,770 µg/L (MW-13), which exceeded the commercial VISL of 24 µg/L for this constituent. The maximum detected concentration of VC was 933 µg/L (MW-13), which exceeded the commercial VISL of 26 µg/L for this constituent. The maximum detected concentration of xylene was 10,900 µg/L (MW-19), which exceeded the commercial VISL of 2,300 µg/L for this constituent. Note that following soil excavation and ORC treatment of the exposed excavation bottom in the vicinity of MW-19, ethylbenzene and xylene concentrations have been significantly reduced in MW-19 to well below VISLs.

In order to assess whether groundwater concentrations of ethylbenzene, TCE, VC, and xylenes potentially pose unacceptable indoor air risk or hazards to site commercial workers, an additional evaluation was performed for these constituents using USEPA's Johnson and Ettinger Model for Subsurface Vapor Intrusion into Buildings (J&E Model; USEPA, 2004). The J&E Model incorporates both default and site-specific exposure parameters and assumptions to calculate incremental cancer risks and hazards for a typical commercial exposure scenario. The assumptions used in the J&E model are presented in Table 2 in Appendix G. The vapor intrusion scenario used in the J&E Model is based on building dimensions representative of the office spaces at the north end of the current manufacturing building (32.5 feet by 120 feet) and a ceiling height equivalent to the manufacturing area (16 feet). The soil type was modeled as sandy clay, and the depth to groundwater beneath the building was modeled as 122 centimeters (4 feet) based on site groundwater data. The J&E Model outputs are provided in Appendix G, and a summary of the results are presented in Table 3 in Appendix G. Toxicity values for ethylbenzene, TCE, VC, and xylene come from USEPA's Integrated Risk Information System (IRIS) database. The air exchange rate was assumed to be 1.5 per hour, which is the average rate for large commercial buildings (USEPA, 2011). This is conservative for the Legion Industries facility as they reportedly operate with open overhead doors during fair weather. Commercial receptors were assumed to be exposed for 250 days per year for 25 years

(USEPA, 2014). Indoor air concentrations were estimated from groundwater concentrations using dilution attenuation as calculated by the J&E Model.

For the commercial scenario, total incremental cancer risk was estimated at 4 x 10-6 which is less than the target cancer risk of 1 x 10-5. The cumulative hazard index for the commercial scenario is 0.7, which is less than the target hazard index of 1. The risks and hazards calculated using the J&E Model indicate low potential for adverse health effects to commercial workers from VOCs in shallow site groundwater migrating from the subsurface into indoor air.

A portion of the impacted groundwater plume in the intermediate depth aquifer zone is interpreted to underlie the nearby Synergy Group, LLC property east of the site. The Synergy Group facility has not been specifically evaluated for vapor intrusion potential, and they have refused Legion Industries access to their property. However, the Synergy Group facility is of similar construction to the Legion Industries facility and is subject to reduced influence from the plume as the Synergy Group building is located farther from the areas of highest groundwater impact. The Synergy Group facility is also situated at a higher elevation than the subject site with a corresponding greater depth to groundwater (approximately 13 feet between floor slab and water table versus approximately 4 feet on the subject site). In addition, the shallow groundwater plume is not predicted to extend onto the Synergy Group property as it migrates in a northerly direction. Only the intermediate depth plume appears to have the potential to eventually affect the area east of the subject site. The Synergy Group building is immediately underlain by unimpacted groundwater, thereby further reducing the potential for vapor intrusion from the groundwater plume. These factors lead to a reasonable conclusion that the potential for vapor intrusion into the Synergy Group facility exceeding a risk-based standard is negligible.

11.0 CONCLUSIONS

Based on the findings of assessment activities and the results of corrective action, the following conclusions are presented:

- Source area soil remediation was conducted inside the building around the former degreaser pit and south of the building, in areas of identified soil impacts exceeding applicable RRS.
- Groundwater has been monitored at the site for 15 years. Based on data obtained since monitoring began in 2001, we note the following:
  - The plume has been delineated to the extent practicable to Type 1 RRS. The intermediate zone plume may currently minimally extend onto the Synergy Group, LLC property to the east and is predicted to migrate farther in the future. However, Synergy Group has denied access to conduct additional delineation and monitoring. Similarly, the plume extends a short distance across Davis Road and potentially onto the Helena Chemical Company property to the west at concentrations only slightly above the Type 1 RRS. Helena Chemical Company has also denied access;
  - The plume has been observed to be generally stable, with the exception of some minor fluctuations;
  - VOC concentrations have generally decreased significantly from their historic maximums. Where evident, VOC increases are typically related to the production of TCE breakdown products;
  - Significant degradation of chlorinated VOCs is evident throughout the plume and it is reasonable to conclude from these observations and from modeling that natural attenuation is a viable remedial option for the VOC groundwater condition;
  - Pesticide concentrations have generally remained stable or have decreased;
  - No surface water impacts have been identified;
  - Limited plume migration is evident. The VOC release is believed to have begun approximately 40 years ago. However, the plume has migrated a limited distance since that time, extending only short distances onto nearby properties to the west and to the east and remaining on site to the north;

- Contaminant fate and transport modeling indicates the shallow plume migration (northward) will likely remain within the site boundaries over the long term. Intermediate depth plume migration (northeastward) will extend off site to the northeast. A maximum extent of the intermediate depth plume of approximately 1,400 feet is predicted 50 years in the future;
- A water usage survey conducted by Amec Foster Wheeler did not identify private drinking water sources within one mile of the site. Two public water supplies were identified in the general site vicinity, neither of which is located downgradient of the site. One well is located approximately 0.9 miles southwest of the site. A second well is located approximately 1.15 miles northwest of the site. A surface water intake is located along Brier Creek, approximately 2.75 miles northeast of the site, well beyond the predicted maximum extent of the plume.
- The subject site will be eligible for delisting from the HSI because it is in compliance with Type 4 RRS for soil and will be in compliance with Type 4 with controls risk reduction criteria for groundwater upon filing of the Environmental Covenant using institutional controls.

With the approval of this CSR by EPD, Legion Industries, Inc. will submit a draft Environmental Covenant to EPD for review, comment and ultimate execution by both parties. Legion will also provide annual certification as to the continued non-residential usage of the subject site and Synergy Group, LLC properties and the lack of groundwater usage as a drinking water source on these two properties.

References:

USEPA, 2004. User's Guide for Evaluating Subsurface Vapor Intrusion into Buildings, Office of Emergency and Remedial Response, February 2004.

USEPA, 2011. Exposure Factors Handbook, 2011 Edition. EPA/600/R-090/052F, September 2011.

USEPA, 2014. Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

USEPA, 2015. Vapor Intrusion Screening Level (VISL) Calculator, Version 3.4, June 2015 RSLs.

TABLES

Table 1 - Summary of Shallow Soil Testing Data (2001)

Constituent	GP-1-3'	GP-2-3'	GP-3-3'	GP-4-3'	SS-1-3'	SS-2-3'	SS-2A-0.5-1'	SS-2B-2'	SS-3-3'	SS-4-3'
Sample Date	6/14/2001	6/14/2001	6/14/2001	6/14/2001	7/23/2001	7/23/2001	11/28/2001	11/28/2001	7/23/2001	7/23/2001
VOCs, mg/kg										
Cis-1,2-Dichloroethene	<0.0052	<0.0053	<0.0054	<0.0052	<0.0044	<0.18	<0.0052	**0.78**	<0.0045	<0.0053
Vinyl Chloride	NT	NT	NT	NT	NT	NT	<0.010	<0.38	NT	NT

Constituent	SS-5-3'	SS-6-3'	SS-7-3'	SS-8-0.5-1'*	SS-9-0.5-1'	SS-10-0.5-1'	SS-11-0.5-1'	SS-12-0.5-1'*	SS-13-0.5-1'	MW-11-4-5'
Sample Date	7/23/2001	7/23/2001	7/23/2001	11/28/2001	11/28/2001	11/28/2001	11/28/2001	11/28/2001	11/28/2001	2/14/2002
VOCs, mg/kg										
Cis-1,2-Dichloroethene	<0.005	<0.0054	<0.0047	**0.051**	**0.0089**	**0.13**	**0.012**	**190.0**	<0.0053	<0.005
Vinyl Chloride	NT	NT	NT	<0.01	<0.011	<0.01	<0.01	<3.8	<0.01	<0.01

mg/kg - milligrams per kilogram (parts per million)

NT - Not tested

Note that the laboratory analyses employed only a limited suite of VOCs

Table 2 - Summary of Soil Testing Data (2001-2010)

Constituent	SS-1-3'	SS-2B-3'	SS-3-3'	SS-4-3'	SS-5-3'	SS-6-3'	SS-7-3'	SS-8-3'	SS-9-3'	SS-10-3'	SS-11-3'	SS-12-3'	GP-1-3'	GP-2-3'	GP-3-3'	GP-3-3' (dup)	Applicable Soil RRS, mg/kg
VOCs, mg/kg																	
1,4-Dichlorobenzene	<0.0057	<0.0044	<0.0037	<0.0052	<0.0052	<0.0047	<0.0042	<0.0046	<0.0053	**0.011**	<0.0049	<0.005	<0.0047	<0.0045	<0.0058	<0.0063	7.5*
Chlorobenzene	<0.0057	<0.0044	<0.0037	<0.0052	<0.0052	<0.0047	<0.0042	<0.0046	<0.0053	**0.038**	<0.0049	<0.005	<0.0047	<0.0045	<0.0058	<0.0063	10*
Cis-1,2-Dichloroethene	<0.0057	<0.0044	<0.0037	<0.0052	<0.0052	<0.0047	<0.0042	**0.029**	<0.0053	<0.0043	<0.0049	**0.012**	<0.0047	<0.0045	<0.0058	<0.0063	7.0*
Ethylbenzene	<0.0057	<0.0044	<0.0037	<0.0052	<0.0052	<0.0047	<0.0042	<0.0046	<0.0053	<0.0043	<0.0049	<0.005	<0.0047	<0.0045	<0.0058	<0.0063	70*
Isopropylbenzene	<0.0057	<0.0044	<0.0037	<0.0052	<0.0052	<0.0047	<0.0042	<0.0046	<0.0053	<0.0043	<0.0049	<0.005	<0.0047	<0.0045	<0.0058	<0.0063	33*
Tetrachloroethene	<0.0057	<0.0044	<0.0037	<0.0052	<0.0052	<0.0047	<0.0042	**0.18**	<0.0053	<0.0043	<0.0049	<0.005	<0.0047	<0.0045	<0.0058	<0.0063	0.5*
Toluene	<0.0057	<0.0044	<0.0037	<0.0052	<0.0052	<0.0047	<0.0042	<0.0046	<0.0053	<0.0043	<0.0049	<0.005	<0.0047	<0.0045	<0.0058	<0.0063	100*
Trichloroethene	<0.0057	<0.0044	<0.0037	<0.0052	<0.0052	<0.0047	<0.0042	**1.9**	<0.0053	**0.005**	**0.012**	**0.07**	<0.0047	<0.0045	<0.0058	<0.0063	0.5*
Vinyl Chloride	<0.011	<0.0089	<0.0075	<0.010	<0.010	<0.094	<0.084	**0.069**	<0.011	<0.0086	<0.098	<0.01	<0.0093	<0.009	<0.012	<0.013	0.2*
Xylenes	<0.0057	<0.0044	<0.0037	<0.0052	<0.0052	<0.0047	<0.0042	<0.0046	<0.0053	<0.0043	<0.0049	<0.005	<0.0047	<0.0045	<0.0058	<0.0063	1,000*
Metals, mg/kg																	
Barium	<5.7	**9.45**	**13.3**	**9.96**	<4.63	**22.3**	**34.7**	<5.48	**5.9**	**15**	**10.7**	**19.4**	**16.6**	**22.4**	**9.3**	**10.2**	1,000*
Chromium	**14.5**	**15.6**	**17.3**	**21.6**	**12.6**	**21.9**	**15.8**	**20.2**	**15.2**	**27.1**	**19.2**	**18.9**	**21.7**	**21.4**	**24.6**	**25.7**	1,200*
Lead	<5.7	**5.48**	**4.84**	**6.33**	**5.36**	**5.81**	**9.75**	<5.48	**5.12**	**4.55**	**6.3**	**7.82**	**5.53**	**6.65**	**5.41**	**5.38**	400*
Pesticides, mg/kg																	
4,4'-DDD	<0.0039	<0.0038	<0.0039	<0.0039	<0.0039	<0.004	<0.004	**0.0054**	<0.004	**4.6**	**0.17**	**1.8**	<0.0038	<0.004	<0.0039	<0.0039	56**
4,4'-DDE	<0.0039	<0.0038	<0.0039	<0.0039	<0.0039	<0.004	<0.004	<0.0042	<0.004	**0.22**	**0.046**	**0.48**	**0.0044**	<0.004	<0.0039	<0.0039	40**
4,4'-DDT	<0.0039	**0.0045**	<0.0039	<0.0039	<0.0039	<0.004	<0.004	**0.012**	<0.004	**6.6**	**0.18**	**5.5**	**0.012**	<0.004	<0.0039	<0.0039	57**
Aldrin	<0.002	<0.0019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0021	<0.002	**0.12**	<0.002	**0.016**	<0.002	<0.002	<0.002	<0.002	0.66*
Alpha-BHC	<0.002	<0.0019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0021	<0.002	<9.6	**0.0043**	<0.01	<0.0019	<0.002	<0.002	<0.002	0.66*
Alpha Chlordane	<0.002	<0.0019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0021	<0.002	**0.23**	**0.029**	**0.13**	<0.0019	<0.002	<0.002	<0.002	11*
Beta-BHC	<0.002	<0.0019	**0.0087**	<0.002	<0.002	<0.002	<0.002	<0.0021	<0.002	**0.03**	**0.014**	**0.018**	<0.0019	<0.002	<0.002	<0.002	0.66*
Delta-BHC	<0.002	<0.0019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0021	<0.002	**0.041**	**0.0072**	<0.01	<0.0019	<0.002	<0.002	<0.002	0.19**
Dieldrin	<0.0039	<0.0038	**0.064**	<0.0039	<0.0039	<0.004	<0.004	<0.0042	<0.004	**0.22**	**0.13**	**0.27**	<0.0038	<0.004	<0.0039	<0.0039	0.66*
Endrin	<0.0039	<0.0038	<0.0039	<0.0039	<0.0039	<0.004	<0.004	<0.0042	<0.004	<0.019	**0.011**	**0.19**	<0.0038	<0.004	<0.0039	<0.0039	10*
Endrin Ketone	<0.0039	<0.0038	**0.011**	<0.0039	<0.0039	<0.004	<0.004	<0.0042	<0.004	<0.019	**0.033**	**0.44**	<0.0038	<0.004	<0.0039	<0.0039	25**
Gamma-BHC	<0.0039	<0.0038	<0.0039	<0.0039	<0.0039	<0.004	<0.004	<0.0042	<0.004	<0.019	<0.004	<0.02	<0.0038	<0.004	<0.0039	<0.0039	10*
Gamma-Chlordane	<0.002	<0.0019	**0.013**	<0.002	<0.002	<0.002	<0.002	<0.0021	<0.002	**0.56**	**0.028**	**0.14**	<0.0019	<0.002	<0.002	<0.002	11*
Heptachlor	<0.002	<0.0019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0021	<0.002	<9.6	**0.0024**	**0.012**	<0.0019	<0.002	<0.002	<0.002	0.66*
Heptachlor Epoxide	<0.002	<0.0019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.0021	<0.002	<9.6	**0.012**	<0.01	<0.0019	<0.002	<0.002	<0.002	1.1**
Methoxychlor	<0.02	<0.019	<0.02	<0.02	<0.02	<0.02	<0.02	<21	<0.020	<960	**0.52**	**4.3**	<0.0190	<0.020	<0.020	<0.020	1.7*
Toxaphene	<0.020	<0.0190	**0.52**	<0.020	<0.020	<0.020	<0.020	<210	<0.02	<96	<0.02	**0.27**	<0.019	<0.02	<0.02	<0.02	15**
Herbicides, mg/kg	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NA

mg/kg - milligrams per kilogram (parts per million)
NT - Not tested
*Type 3 Soil Risk Reduction Standard
** Type 4 Soil Risk Reduction Standard
Not Tested
Note: Shaded Value indicates exceedance of RRS
Samples outlined in red were removed during June 2013 soil remediation

Table 2 - Summary of Soil Testing Data (2001-2010)

Constituent	GP-4-3'	DP-1-3'	DP-2-3'	DP-2-3'(dup)	DP-3-3'	DP-4-3'	DP-5-3'	DP-6-3'	DP-7-3'	DP-8-3'	Applicable Soil RRS, mg/kg
VOCs, mg/kg											
1,4-Dichlorobenzene	<0.0044	<0.0052	<0.62	<26.0	<450	<0.0042	<0.0057	<0.0044	<0.0048	<44	7.5*
Chlorobenzene	<0.0044	<0.0052	<0.62	<26.0	<450	<0.0042	<0.0057	<0.0044	<0.0048	<44	10*
Cis-1,2-Dichloroethene	<0.0044	**0.12**	**9.8**	**6.9**	**3.6**	**42**	**0.069**	<0.0044	**0.011**	<44	7.0*
Ethylbenzene	<0.0044	**0.053**	**680**	**370**	**8.9**	**0.33**	**0.66**	**0.007**	<0.0048	**680**	70*
Isopropylbenzene	<0.0044	<0.0052	**10**	<26.0	<450	**0.014**	<0.0057	<0.0044	<0.0048	<44	33*
Tetrachloroethene	<0.0044	<0.0052	<0.62	<26.0	<450	<0.0042	<0.0057	<0.0044	<0.0048	<44	0.5*
Toluene	<0.0044	<0.0052	**13**	**8.1**	<450	**0.011**	**0.0094**	<0.0044	<0.0048	<44	100*
Trichloroethene	<0.0044	**0.037**	**36**	**18**	**0.81**	**0.051**	**0.028**	<0.0044	<0.0048	<44	0.5*
Vinyl Chloride	<0.0088	<0.01	<1.2	<51.0	**3.2**	**0.016**	<0.011	<8.7	**0.029**	<44	0.2*
Xylenes	<0.0044	**0.42**	**4,200**	**2,400**	**52**	**2.2**	**4.7**	**0.017**	<0.0048	**4,700**	1,000*
Metals, mg/kg											
Barium	**20.3**	**8.59**	**11**	**11.4**	**9.47**	**5**	NT	NT	NT	NT	1,000*
Chromium	**17.5**	**21.3**	**16**	**17.5**	**15**	**12**	NT	NT	NT	NT	1,200*
Lead	**5.85**	**4.88**	**4.63**	**6.04**	**4.92**	<3.89	NT	NT	NT	NT	400*
Pesticides, mg/kg											
4,4'-DDD	<0.0038	**32**	**4.8**	**6.4**	**48**	**0.47**	**10**	**0.21**	**0.27**	**2,800**	56**
4,4'-DDE	<0.0038	**2.8**	**0.69**	**0.77**	**3.3**	**0.11**	**1.7**	<0.02	<0.02	**150**	40**
4,4'-DDT	**4.2**	**180**	**5.3**	**23**	**3.7**	**2.3**	**79**	**0.093**	**0.028**	**4,300**	57**
Aldrin	<0.0019	**1.4**	**0.043**	**0.83**	**0.094**	**0.019**	<9.9	<0.01	<0.01	<9.8	0.66*
Alpha-BHC	<0.0019	**300**	**0**	**0.87**	**0.067**	**0.0091**	**0.04**	<0.01	**0.015**	**8.7**	0.66*
Alpha Chlordane	<0.0019	**4.3**	**0.34**	**0.51**	**7.6**	**0.25**	**1.3**	**0.011**	**0.025**	**160**	11*
Beta-BHC	<0.0019	<0.020	**0.019**	**0.26**	<0.039	**0.041**	**0.044**	<0.01	<0.01	**18**	0.66*
Delta-BHC	<0.0019	**210**	**0.022**	**1.1**	**1.2**	**0.028**	**0.066**	<0.01	<0.01	**79**	0.19**
Dieldrin	<0.0038	**2.8**	**0.6**	**0.84**	**8.9**	**0.54**	<2	<0.02	**0.023**	<98	0.66*
Endrin	<0.0038	**11**	**0.12**	**3.4**	<0.078	**0.32**	**4.3**	<0.02	<0.02	**370**	10*
Endrin Ketone	<0.0038	**5.4**	**0.26**	**0.8**	**1.8**	**0.35**	**3.3**	<0.02	<0.02	**270**	25**
Gamma-BHC	<0.0038	<0.390	**0.028**	**1.3**	**0.59**	**0.016**	**0.034**	<0.02	<0.02	**150**	10*
Gamma-Chlordane	<0.0019	**5.2**	**0.3**	**0.68**	**8.8**	**0.32**	**1.5**	**0.013**	**0.041**	**180**	11*
Heptachlor	<0.0019	**2.3**	**0.028**	**0.98**	**0.72**	**0.018**	**0.15**	<0.01	<0.01	**42**	0.66*
Heptachlor Epoxide	<0.0019	<0.020	<0.01	<0.039	<0.039	<0.0019	<9.9	<0.01	<0.01	<49	1.1**
Methoxychlor	<0.019	**7.8**	<0.010	<0.390	<0.390	<0.019	<9.9	<0.010	<0.010	<49	1.7*
Toxaphene	<0.0190	**98**	**5.9**	**38**	**61**	**5.4**	**56**	<0.010	<0.010	**2,700**	15**
Herbicides, mg/kg	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NA

mg/kg - milligrams per kilogram (parts per million)
NT - Not tested
*Type 3 Soil Risk Reduction Standard
** Type 4 Soil Risk Reduction Standard
Not Tested
Note: Shaded Value indicates exceedance of RRS
Samples outlined in red were removed during June 2013 soil remediation

Table 3 - Summary of Soil Delineation Data (January 2013)

Boring No.	GP-9	GP-10	GP-11	GP-12	GP-15	GP-17	SS-13		SS-14		SS-15		SS-16		SS-17		Applicable Soil RRS, mg/kg
Depth, Ft.	3	2-2-.5	2-2.5	2-2.5	2-2.5	2-2.5	0.5-1	2-2.5	0.5-1	2-2.5	0.5-1	2-2.5	0.5-1	2-2.5	0.5-1	2-2.5	
VOCs, mg/kg																	
1,4-Dichlorobenzene	<0.0047	<0.0049	<0.004	**0.12**	NT	<0.0045	<0.004	<0.0052	<0.0039	<0.0054	<0.006	<0.0054	<0.005	<0.0047	<0.0048	<0.0057	7.5*
1,1,1,2-Tetrachloroethane	<0.0047	<0.0049	<0.004	**0.018**	NT	<0.0045	<0.004	<0.0052	<0.0039	<0.0054	<0.006	<0.0054	<0.005	<0.0047	<0.0048	<0.0057	0.5*
Benzene	<0.0047	<0.0049	<0.004	**0.013**	NT	<0.0045	<0.004	**0.0057**	<0.0039	<0.0054	<0.006	<0.0054	<0.005	<0.0047	<0.0048	<0.0057	0.5*
Chlorobenzene	<0.0047	<0.0049	<0.004	**0.099**	NT	<0.0045	**0.0075**	**0.02**	<0.0039	<0.0054	<0.006	<0.0054	<0.005	<0.0047	<0.0048	<0.0057	10*
cis-1,2-Dichloroethene	<0.0047	<0.0049	<0.004	**0.22**	NT	<0.0045	<0.004	<0.0052	<0.0039	<0.0054	<0.006	<0.0054	<0.005	**0.14**	<0.0048	<0.0057	7.0*
Ethylbenzene	<0.0047	<0.0049	<0.004	**0.011**	NT	<0.0045	<0.004	<0.0052	<0.0039	<0.0054	<0.006	<0.0054	<0.005	<0.0047	<0.0048	<0.0057	70*
Isopropylbenzene	<0.0047	<0.0049	<0.004	<0.0043	NT	<0.0045	<0.004	<0.0052	<0.0039	<0.0054	<0.006	<0.0054	<0.005	<0.0047	<0.0048	<0.0057	33**
Tetrachloroethene	<0.0047	<0.0049	<0.004	**0.017**	NT	<0.0045	<0.004	<0.0052	<0.0039	<0.0054	<0.006	<0.0054	<0.005	<0.0047	<0.0048	<0.0057	0.5*
Toluene	<0.0047	<0.0049	<0.004	**0.0053**	NT	<0.0045	<0.004	<0.0052	<0.0039	<0.0054	<0.006	<0.0054	<0.005	<0.0047	<0.0048	<0.0057	100*
Trichloroethene	<0.0047	<0.0049	<0.004	**0.82**	NT	<0.0045	<0.004	<0.0052	<0.0039	<0.0054	<0.0054	<0.0054	**0.1**	**0.16**	<0.0048	<0.0057	0.5*
Vinyl Chloride	<0.0094	<0.0097	<0.008	**0.038**	NT	<0.009	<0.0086	<0.010	<0.0078	<0.011	<0.012	<0.011	<0.10	<0.0047	<0.0096	<0.011	0.2*
Xylenes	<0.0047	<0.0049	<0.004	**0.019**	NT	<0.0045	<0.004	<0.0052	<0.0039	<0.0054	<0.006	<0.0054	<0.005	<0.0047	<0.0048	<0.0057	1,000*
PESTICIDES, mg/kg																	
4,4'-DDD	**0.0062**	<0.190	<0.0037	**1.4**	<0.0037	NT	**0.088**	<0.0041	**0.13**	**0.093**	**0.073**	<0.004	<0.02	<0.004	<0.019	<0.004	56**
4,4'-DDE	**0.0057**	**0.81**	**0.0064**	**0.077**	<0.0037	NT	**0.0049**	<0.0041	**0.028**	**0.045**	**0.016**	<0.004	<0.02	<0.004	**0.27**	<0.004	40**
4,4'-DDT	**0.02**	**14**	**0.005**	**2**	<0.0037	NT	**0.0082**	**0.005**	**0.062**	**0.086**	**0.039**	<0.004	<0.02	<0.004	**0.36**	**0.005**	57**
Aldrin	<0.0018	**0.82**	<0.0018	**0.01**	<0.0018	NT	<0.002	<0.0021	<0.0019	<0.0019	<0.002	<0.002	<0.098	<0.002	<0.0093	<0.002	0.66*
Alpha BHC	<0.0018	<0.097	<0.0018	**0.25**	<0.0018	NT	<0.002	<0.0021	<0.0019	<0.0019	<0.002	<0.002	<0.098	<0.002	<0.0093	<0.002	0.66*
Alpha Chlordane	<0.0018	**0.75**	**0.0021**	**0.11**	<0.0018	NT	**0.0067**	<0.0021	**0.0093**	**0.0051**	**0.015**	<0.002	<0.098	<0.002	**0.17**	<0.002	11*
Beta BHC	<0.0018	**0.11**	<0.0018	**0.041**	<0.0018	NT	**0.0021**	<0.0021	<0.0019	<0.0019	<0.002	<0.002	<0.098	<0.002	<0.0093	**0.0026**	0.66*
Delta BHC	<0.0018	**0.2**	**0.0037**	**0.093**	**0.004**	NT	<0.002	<0.0021	<0.0019	<0.0019	<0.002	<0.002	<0.098	<0.002	<0.0093	**0.0076**	0.19**
Dieldrin	<0.0037	**5**	<0.0037	**0.058**	<0.0037	NT	**0.02**	<0.0041	**0.028**	**0.0098**	**0.03**	<0.004	<0.02	<0.004	**0.31**	<0.004	0.66*
Endosulfan II	<0.0037	<0.190	<0.0037	<0.019	<0.0037	NT	<0.0039	<0.0041	<0.0038	<0.0039	**0.0057**	<0.004	<0.02	<0.004	<0.019	<0.004	10*
Endrin	<0.0037	<0.190	<0.0037	**0.28**	<0.0037	NT	<0.0039	<0.0041	**0.0075**	<0.0039	<0.002	<0.004	<0.02	<0.004	<0.019	<0.004	25**
Endrin Ketone	**0.0042**	<0.190	**0.015**	**0.18**	<0.0018	NT	<0.0039	<0.0041	**0.0082**	<0.0039	**0.0046**	<0.004	<0.02	<0.004	<0.019	<0.004	10*
Gamma Chlordane	<0.0018	**0.96**	**0.0019**	**0.091**	<0.0018	NT	**0.006**	<0.0021	**0.012**	**0.0046**	**0.016**	<0.002	<0.098	<0.002	**0.21**	<0.002	11*
Gamma BHC	<0.0018	<0.097	<0.0018	**0.55**	<0.0018	NT	<0.002	<0.0021	<0.0019	<0.0019	<0.002	<0.002	<0.098	<0.002	<0.0093	<0.002	0.66*
Heptachlor	<0.0018	<0.097	<0.0018	**0.02**	<0.0018	NT	<0.002	<0.0021	<0.0019	<0.0019	<0.002	<0.002	<0.098	<0.002	<0.0093	<0.002	1.1**
Heptachlor Epoxide	<0.0018	<0.097	<0.0018	<0.0096	<0.0018	NT	<0.002	<0.0021	<0.0019	<0.0019	<0.002	<0.002	<0.098	<0.002	<0.0093	<0.002	1.7*
Toxaphene	<0.18	**70**	<0.18	**2.7**	<0.18	NT	<0.20	<0.21	<0.19	<0.19	<0.20	<0.20	<0.98	<0.20	**3.7**	<0.20	15**

mg/kg - milligrams per kilogram (parts per million)

*Type 3 Soil Risk Reduction Standard

** Type 4 Soil Risk Reduction Standard

NT - Not tested

Note: Shaded values indicate exceedance of RRS

Samples outlined in red were removed during June 2013 soil remediation

Table 4 - Summary of Soil Confirmation Data - Interior Excavation (2013)

Boring No.	DP-6	DP-7	GP-10	GP-11	GP-12	GP-17[1]	GP-15[2]	GP-9	CS-8	CS-9A	**Applicable Soil RRS, mg/kg**
Depth, Ft.	3	2-2-.5	2-2.5	2-2.5	2-2.5	2-2.5	0.5-1	2-2.5	0.5-1	2-2.5	
VOCs, mg/kg											
1,4-Dichlorobenzene	<0.0044	<0.0048	<0.0049	<0.004	**0.12**	<0.0045	NT	<0.0047	<0.005	NT	7.5*
1,1,2,2-Tetrachloroethene	<0.0044	<0.0048	<0.0049	<0.004	**0.018**	<0.0045	NT	<0.0047	<0.005	NT	0.5*
Benzene	<0.0044	<0.0048	<0.0049	<0.004	**0.013**	<0.0045	NT	<0.0047	<0.005	NT	0.5*
Chlorobenzene	<0.0044	<0.0048	<0.0049	<0.004	**0.099**	<0.0045	NT	<0.0047	<0.005	NT	10*
Cis-1,2-Dichloroethene	<0.0044	**0.011**	<0.0049	<0.004	**0.22**	<0.0045	NT	<0.0047	<0.005	NT	7.0*
Ethylbenzene	**0.007**	<0.0048	<0.0049	<0.004	**0.011**	<0.0045	NT	<0.0047	<0.005	NT	70*
Tetrachloroethene	<0.0044	<0.0048	<0.0049	<0.004	**0.017**	<0.0045	NT	<0.0047	<0.005	NT	0.5*
Toluene	<0.0044	<0.0048	<0.0049	<0.004	**0.0053**	<0.0045	NT	<0.0047	<0.005	NT	100*
Trichloroethene	<0.0044	<0.0048	<0.0049	<0.004	**0.82**	<0.0045	NT	<0.0047	<0.005	NT	0.5*
Vinyl Chloride	<0.0087	**0.029**	<0.0097	<0.008	**0.028**	<0.009	NT	<0.0094	<0.010	NT	0.2*
Xylenes	**0.017**	<0.0048	<0.0049	<0.004	**0.019**	**0.021**	NT	<0.0047	<0.005	NT	1,000*
PESTICIDES, mg/kg											
4,4'-DDD	**0.21**	**0.27**	<0.19	<0.0037	**1.4**	NT	<0.0037	**0.0062**	<0.0037	<0.0042	56**
4,4'-DDE	<0.020	<0.020	**0.81**	**0.0064**	**0.077**	NT	<0.0037	**0.0057**	<0.0037	<0.0042	40**
4,4'-DDT	**0.093**	**0.028**	**14**	**0.005**	**2**	NT	<0.0037	**0.02**	**0.0049**	**0.013**	57**
Aldrin	<0.010	<0.010	<0.097	<0.0018	**0.01**	NT	<0.0018	<0.0018	<0.0018	<0.0021	0.66*
Alpha BHC	<0.010	**0.015**	<0.097	<0.0018	**0.25**	NT	<0.0018	<0.0018	**0.0027**	<0.0021	0.66*
Alpha Chlordane	**0.011**	**0.025**	**0.75**	**0.0021**	**0.11**	NT	<0.0018	<0.0018	<0.0018	**0.034**	11*
Beta BHC	<0.010	<0.010	**0.11**	<0.0018	**0.041**	NT	<0.0018	<0.0018	<0.0018	<0.0021	0.66*
Delta BHC	<0.020	<0.010	**0.2**	**0.0037**	**0.093**	NT	**0.004**	<0.0018	<0.0018	<0.0021	0.19**
Dieldrin	<0.020	**0.023**	**5**	<0.0037	**0.058**	NT	<0.0037	<0.0037	<0.0037	<0.0042	0.66*
Endrin	<0.020	<0.020	<0.19	<0.0037	**0.28**	NT	<0.0037	<0.0037	<0.0037	<0.0042	25**
Endrin Ketone	<0.020	<0.020	<0.19	**0.015**	**0.18**	NT	<0.0037	**0.0042**	**0.007**	<0.0042	10*
Gamma Chlordane	**0.013**	**0.041**	**0.96**	**0.0019**	**0.091**	NT	<0.0018	<0.0018	<0.0018	**0.0061**	11*
Gamma BHC	<0.010	<0.010	<0.097	<0.0018	**0.55**	NT	<0.0018	<0.0018	**0.0031**	<0.0021	0.66*
Heptachlor	<0.010	<0.010	<0.097	<0.0018	**0.02**	NT	<0.018	<0.018	<0.0037	<0.0021	1.1**
Toxaphene	<1.0	<1.0	**70**	<0.180	**2.7**	NT	<0.180	<0.180	<0.180	<0.21	15**

mg/kg - milligrams per kilogram (parts per million)
NT - Not tested
*Type 3 Soil Risk Reduction Standard
** Type 4 Soil Risk Reduction Standard
NT - Not tested
Note: Shaded values indicate exceedance of RRS
[1]GP-17 was not tested for pesticides as the adjacent sample (GP-12) did not detect pesticides above RRS.
[2]GP-15 was not tested for VOCs as the adjacent sample (GP-10) did not detect VOCs above RRS
Samples outlined in red were removed during June 2013 soil remediation

Table 5 – Soil Confirmation Testing Results
West Exterior Excavation

Boring No.	CS-1	CS-2	CS-12	SS-8S15	SS-16	SS-16	Applicable Soil RRS, mg/kg
Depth, Ft.	1.5	1.5	1.5	2	0.5-1	2-2.5	
VOCs, mg/kg							
Cis-1,2-Dichloroethene	NT	NT	NT	NT	0.048	0.14	0.7
Trichloroethene	**0.064**	**0.032**	<0.0052	0.034	0.1	0.16	0.5

mg/kg - milligrams per kilogram (parts per million)

Table 6 – Soil Confirmation Testing Results
East Exterior Excavation

Boring No.	CS-6	CS-7	CS-11	CS-14	SS-12W15	SS-12E15	Applicable Soil RRS, mg/kg
Depth, Ft.	1.5	1.5	1.5	2	1.5	1.5	
VOCs, mg/kg							
Trichloroethene	**0.061**	**0.018**	<0.0042	**0.024**	<0.0059	<0.0053	0.5

mg/kg - milligrams per kilogram (parts per million)

Table 7 - Cumulative Summary of Groundwater Testing Results

Constituent	Non-Residential Risk Reduction Standards, mg/L		MW-1									MW-2						
Date	Type 3	Type 4	4/25/2001	8/3/2001	2/19/2002	12/11/2009	12/31/2013	6/16/2014	12/17/2014	6/3/2015	DUP	11/29/2001	2/19/2002	12/11/2009	12/30/2013	6/16/2014	12/16/2014	6/5/2015
VOCs, ug/L																		
1,1-Dichloroethane	4,000	46	NT	NT	NT	<5.0	<5.0	<1.0	<10	<10	<10	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	523	NT	NT	<5.0	<5.0	<5.0	**2.2**	<10	<10	<10	<20	<10	<5.0	<5.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	600	548	NT	NT	NT	<5.0	<5.0	<1.0	<10	<10	<10	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	600	548	NT	NT	NT	<5.0	<5.0	<1.0	<10	<10	<10	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	70	519	NT	NT	NT	<5.0	<5.0	**1.2**	<10	<10	<10	NT	NT	<5.0	<5.0	**3.0**	**1.6**	**2.0**
1,2,4-Trichlorobenzene	70	5.79	NT	NT	NT	<5.0	<5.0	<1.0	<10	<10	<10	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	4.6	NT	NT	NT	<5.0	<5.0	<1.0	<10	<10	<10	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Benzene	5	8.8	NT	NT	NT	<5.0	<5.0	<1.0	<10	<10	<10	NT	NT	<5.0	<5.0	**3.9**	**3.4**	**3.5**
Chlorobenzene	100	130	NT	NT	NT	<5.0	<5.0	**1.4**	<10	<10	<10	NT	NT	**10**	**8.6**	**11.8**	**10.2**	**12.3**
Chloroform	80	3	NT	NT	NT	<5.0	<5.0	<1.0	<10	<10	<10	NT	NT	<5.0	<5.0	<5.0	<5.0	<5.0
Chloromethane	3	270	NT	NT	NT	<5.0	<5.0	<1.0	<10	<10	<10	NT	NT	<5.0	<5.0	<5.0	<5.0	<5.0
Cis-1,2-Dichloroethene	70	200	NT	NT	**180**	**820**	**145**	**902**	**709**	**742**	**724**	**480**	**270**	**430**	**101**	**160**	**77.2**	**145**
Ethylbenzene	700	29	NT	NT	NT	<5.0	<5.0	<1.0	<10	<10	<10	NT	NT	<5.0	<5.0	**2.5**	**1.4**	**2.3**
Isopropylbenzene	5	1,000	NT	NT	NT	<5.0	<5.0	<1.0	<10	<10	<10	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Isopropyltoluene	NR	NR	NT	NT	NT	<5.0	<5.0	<1.0	<10	<10	<10	NT	NT	<5.0	<5.0	<1.0	**1.6**	<1.0
Methylene Chloride	5	450	NT	NT	NT	<5.0	<5.0	<2.0	<20	<20	<20	NT	NT	<5.0	<5.0	<2.0	<2.0	<2.0
Naphthalene	20	2.4	NT	NT	NT	<5.0	<5.0	<1.0	<10	<10	<10	NT	NT	<5.0	<5.0	**10.5**	<1.0	**5.5**
Tetrachloroethene	5	98	NT	NT	NT	<5.0	<5.0	**1.2**	<10	<10	<10	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Toluene	1000	5200	NT	NT	NT	<5.0	<5.0	<1.0	<10	<10	<10	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Trans-1,2-Dichloroethene	100	160	NT	NT	<5.0	<5.0	<5.0	**2.9**	<10	<10	<10	<20	<10	<5.0	<5.0	**1.1**	<1.0	<1.0
Trichloroethene	5	38	**350**	**180**	**140**	**860**	**193**	**788**	**612**	**623**	**596**	**25**	**14**	**5.6**	<5.0	**2.1**	<1.0	**2.0**
Vinyl Chloride	2	3.3	NT	NT	<10	**5**	<5.0	**160**	<10	**13.9**	**13**	<40	<20	**350**	**107**	**159**	**88.1**	**120**
Xylenes	10,000	290	NT	NT	NT	<5.0	<5.0	<1.0	<10	<10	<10	NT	NT	**18**	<10	**6.1**	**2.3**	**7.8**
Pesticides, ug/L																		
4,4'-DDD	0.1	12	NT	NT	NT	<0.10	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.10	<1.0	<1.0	<1.2	<1.2
4,4'-DDE	0.1	84	NT	NT	NT	<0.10	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.10	<1.0	<1.0	<1.2	<1.2
4,4'-DDT	0.1	8.4	NT	NT	NT	<0.10	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.10	<1.0	<1.0	<1.2	<1.2
Alpha-BHC	0.05	0.45	NT	NT	NT	**0.052**	**<0.05**	<0.05	<0.05	<0.05	<0.05	NT	NT	**2**	**6.4**	**5.3**	**7.3**	**6.5**
Beta-BHC	0.05	1.6	NT	NT	NT	**0.073**	**0.057**	**0.11**	**0.082**	**0.16**	**0.19**	NT	NT	**0.49**	**1.5**	<1.0	**1.4**	<1.2
Delta-BHC	0.05	1.6	NT	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	**1.8**	**8**	**8.1**	**8.7**	**9**
Dieldrin	0.1	0.18	NT	NT	NT	<0.10	0.076	**0.12**	**0.058**	**0.13**	**0.15**	NT	NT	**0.5**	<1.0	**1.8**	<1.2	<1.2
Endosulfan II	2	610	NT	NT	NT	<0.10	0.076	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.10	<0.10	<0.10	<1.2	<1.2
Endrin	2	31	NT	NT	NT	<0.10	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.10	<1.0	<1.0	<1.2	<1.2
Endrin Ketone	0.1	ND	NT	NT	NT	**0.13**	**0.1**	**0.24**	**0.17**	**0.25**	**0.3**	NT	NT	**0.31**	<1.0	<1.0	<1.2	<1.2
Gamma-BHC	0.2	2.6	NT	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	**1.1**	**2.3**	**1.9**	**2.5**	**2.3**
Chlordane	2	8.2	NT	NT	NT	<0.05	<0.2	<0.2	<0.2	<0.2	<0.2	NT	NT	**2.22**	<4.0	<4.0	<5.0	<5.0
Toxaphene	5	2.6	NT	NT	NT	<5.0	<0.2	<0.2	<0.2	<0.2	<0.2	NT	NT	<5.0	<4.0	<4.0	<5.0	<5.0
Chlorinated Herbicides			NT	NT	NT	BRL	NT	NT	NT	NT	NT	NT	NT	BRL	NT	NT	NT	NT

NT - Not Tested
ug/L - micrograms per liter (parts per billion)
NT - Not tested
Note: Shaded values indicate exceedance of RRS
Samples outlined in red were removed during June 2013 soil remediation
NR - Not a HSRA regulated constituent

Table 7 - Cumulative Summary of Groundwater Testing Results

Constituent	Non-Residential Risk Reduction Standards, mg/L		MW-3								MW-4							MW-5					
Date	Type 3	Type 4	4/25/2001	12/13/2001	2/19/2002	12/11/2009	12/30/2013	6/16/2014	12/16/2014	6/5/2015	2/19/2002	3/11/2009	12/10/2009	12/30/2013	6/18/2014	12/17/2014	6/4/2015	2/19/2002	12/11/2009	12/30/2013	6/18/2014	12/18/2014	6/3/2015
VOCs, ug/L																							
1,1-Dichloroethane	4,000	46	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	<5.0	<5.0	NS	<1.0	<1.0	<1.0	NT	NT	<5.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	523	NT	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	600	548	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	<5.0	<5.0	NS	<1.0	<1.0	<1.0	NT	NT	<5.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	600	548	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	<5.0	<5.0	NS	<1.0	<1.0	<1.0	NT	NT	<5.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	70	519	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	<5.0	<5.0	NS	<1.0	<1.0	<1.0	NT	NT	<5.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	70	5.79	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	<5.0	<5.0	NS	<1.0	<1.0	<1.0	NT	NT	<5.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	4.6	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Benzene	5	8.8	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	<5.0	<5.0	NS	<1.0	<1.0	<1.0	NT	NT	<5.0	<1.0	<1.0	<1.0
Chlorobenzene	100	130	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Chloroform	80	3	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Chloromethane	3	270	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Cis-1,2-Dichloroethene	70	200	NT	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	**15**	<5.0	<5.0	NS	**5.1**	**3.2**	**3.5**	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0
Ethylbenzene	700	29	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	<5.0	<5.0	NS	<1.0	<1.0	<1.0	NT	NT	<5.0	<1.0	<1.0	<1.0
Isopropylbenzene	5	1,000	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	<5.0	<5.0	NS	<1.0	<1.0	<1.0	NT	NT	<5.0	<1.0	<1.0	<1.0
Isopropyltoluene	NR	NR	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	<5.0	<5.0	NS	<1.0	<1.0	<1.0	NT	NT	<5.0	<1.0	<1.0	<1.0
Methylene Chloride	5	450	NT	NT	NT	<5.0	<5.0	<2.0	<2.0	<2.0	NT	<5.0	<5.0	NS	<2.0	<2.0	<2.0	NT	NT	<5.0	<2.0	<2.0	<2.0
Naphthalene	20	2.4	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	<5.0	<5.0	NS	<1.0	<1.0	<1.0	NT	NT	<5.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	98	NT	NT	NT	<5.0	<5.0	<1.0	<1.0	<1.0	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Toluene	1000	5200	NT	NT	NT	<5.0	<5.0	<1.0	**1.2**	**1.0**	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Trans-1,2-Dichloroethene	100	160	NT	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0
Trichloroethene	5	38	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	**1.6**	**11**	<5.0	<5.0	NS	**7.8**	**1.7**	**1.2**	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	3.3	NT	<10	<10	<2.0	<2.0	<1.0	<1.0	<1.0	<10	<10	<2.0	NS	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<1.0	<1.0	<1.0
Xylenes	10,000	290	NT	NT	NT	<5.0	<5.0	<2.0	<2.0	<2.0	NT	NT	<5.0	NS	<2.0	<2.0	<2.0	NT	<5.0	<5.0	<2.0	<2.0	<2.0
Pesticides, ug/L																							
4,4'-DDD	0.1	12	NT	NT	NT	<0.10	<0.10	<0.05	<0.05	<0.05	NT	NT	<0.10	NS	<0.05	<0.05	<0.05	NT	<0.10	<0.10	<0.05	<0.05	<0.05
4,4'-DDE	0.1	84	NT	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.05	NS	<0.05	<0.05	<0.05	NT	<0.05	<0.05	<0.05	<0.05	<0.05
4,4'-DDT	0.1	8.4	NT	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.05	NS	<0.05	<0.05	<0.05	NT	<0.05	<0.05	<0.05	<0.05	<0.05
Alpha-BHC	0.05	0.45	NT	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.05	NS	<0.05	<0.05	<0.05	NT	<0.05	<0.05	<0.05	<0.05	<0.05
Beta-BHC	0.05	1.6	NT	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.05	NS	<0.05	<0.05	<0.05	NT	<0.05	<0.05	<0.05	<0.05	<0.05
Delta-BHC	0.05	1.6	NT	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.05	NS	<0.05	<0.05	<0.05	NT	<0.05	<0.05	<0.05	<0.05	<0.05
Dieldrin	0.1	0.18	NT	NT	NT	<0.10	<0.10	<0.05	<0.05	<0.05	NT	NT	<0.10	NS	<0.05	<0.05	<0.05	NT	<0.10	<0.10	<0.05	<0.05	<0.05
Endosulfan II	2	610	NT	NT	NT	<0.10	<0.10	<0.05	<0.05	<0.05	NT	NT	<0.10	NS	<0.05	<0.05	<0.05	NT	<0.10	<0.10	<0.05	<0.05	<0.05
Endrin	2	31	NT	NT	NT	<0.10	<0.10	<0.05	<0.05	<0.05	NT	NT	<0.10	NS	<0.05	<0.05	<0.05	NT	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin Ketone	0.1	ND	NT	NT	NT	<0.10	<0.10	<0.05	<0.05	<0.05	NT	NT	<0.10	NS	<0.05	<0.05	<0.05	NT	<0.10	<0.10	<0.05	<0.05	<0.05
Gamma-BHC	0.2	2.6	NT	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.05	NS	<0.05	<0.05	<0.05	NT	<0.05	<0.05	<0.05	<0.05	<0.05
Chlordane	2	8.2	NT	NT	NT	<0.2	<0.2	<0.2	<0.2	<0.2	NT	NT	<0.05	NS	<0.2	<0.2	<0.2	NT	<0.05	<0.05	<0.2	<0.2	<0.2
Toxaphene	5	2.6	NT	NT	NT	<0.2	<0.2	<0.2	<0.2	<0.2	NT	NT	<5.0	NS	<0.2	<0.2	<0.2	NT	<5.0	<0.2	<0.2	<0.2	<0.2
Chlorinated Herbicides			NT	NT	NT	BRL	NT	NT	NT	NT	NT	NT	BRL	NS	NT	NT	NT	NT	BRL	NT	NT	NT	NT

NT - Not Tested
ug/L - micrograms per li
NT - Not tested
Note: Shaded values indica
Samples outlined in red
NR - Not a HSRA regula

Table 7 - Cumulative Summary of Groundwater Testing Results

Constituent	Non-Residential Risk Reduction Standards, mg/L		MW-6						MW-7								MW-8	MW-9					
Date	Type 3	Type 4	2/19/2002	3/11/2002	12/11/2009	12/31/2013	12/18/2014	6/3/2015	2/19/2002	3/11/2002	12/11/2009	12/31/2013	DUP	6/18/2014	12/18/2014	6/4/2015	2/19/2002	2/19/2002	12/11/2009	12/30/2013	6/16/2014	12/18/2014	6/5/2015
VOCs, ug/L																							
1,1-Dichloroethane	4,000	46	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	523	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	600	548	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	600	548	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	70	519	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	70	5.79	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	4.6	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Benzene	5	8.8	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Chlorobenzene	100	130	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Chloroform	80	3	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Chloromethane	3	270	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Cis-1,2-Dichloroethene	70	200	**10**	**6**	<5.0	<5.0	**5.3**	<1.0	**130**	**110**	NS	**5.5**	**7.6**	**17.4**	**11.5**	**3.9**	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	**2.8**
Ethylbenzene	700	29	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Isopropylbenzene	5	1,000	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Isopropyltoluene	NR	NR	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Methylene Chloride	5	450	NT	NT	<5.0	<5.0	<2.0	<2.0	NT	NT	NS	<5.0	<5.0	<2.0	<2.0	<2.0	<5.0	NT	<5.0	<5.0	<2.0	<2.0	<2.0
Naphthalene	20	2.4	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	98	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Toluene	1000	5200	NT	NT	<5.0	<5.0	<1.0	<1.0	NT	NT	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	NT	<5.0	<5.0	<1.0	<1.0	<1.0
Trans-1,2-Dichloroethene	100	160	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	NT	<5.0	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0
Trichloroethene	5	38	**17**	**11**	**14**	<5.0	**4.2**	**1**	**59**	**66**	NS	**7.1**	**8.7**	<1.0	**10.4**	**6.9**	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	**8.5**
Vinyl Chloride	2	3.3	<10	<10	<2.0	<2.0	<1.0	<1.0	NT	<10	NS	<5.0	<5.0	<1.0	<1.0	<1.0	<2.0	<10	<2.0	<2.0	<1.0	<1.0	<1.0
Xylenes	10,000	290	NT	NT	<5.0	<5.0	<2.0	<2.0	NT	NT	NS	<5.0	<5.0	<2.0	<2.0	<2.0	<5.0	NT	<5.0	<5.0	<2.0	<2.0	<2.0
Pesticides, ug/L																							
4,4'-DDD	0.1	12	NT	NT	<0.10	<0.10	<0.05	<0.05	NT	NT	NS	<0.10	<0.10	<0.05	<0.05	<0.05	<0.10	NT	**0.2**	**0.42**	**0.13**	<0.05	**0.088**
4,4'-DDE	0.1	84	NT	NT	<0.05	<0.05	<0.05	<0.05	NT	NT	NS	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	**0.31**	**0.23**	**0.16**	<0.05	<0.05
4,4'-DDT	0.1	8.4	NT	NT	<0.05	<0.05	<0.05	<0.05	NT	NT	NS	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05
Alpha-BHC	0.05	0.45	NT	NT	<0.05	<0.05	<0.05	<0.05	NT	NT	NS	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05
Beta-BHC	0.05	1.6	NT	NT	<0.05	<0.05	<0.05	<0.05	NT	NT	NS	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05
Delta-BHC	0.05	1.6	NT	NT	<0.05	<0.05	<0.05	<0.05	NT	NT	NS	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05
Dieldrin	0.1	0.18	NT	NT	<0.10	<0.10	<0.05	<0.05	NT	NT	NS	<0.10	<0.10	<0.05	<0.05	<0.05	NT	NT	<0.10	<0.10	<0.05	<0.05	**0.16**
Endosulfan II	2	610	NT	NT	<0.10	<0.10	<0.05	<0.05	NT	NT	NS	<0.10	<0.10	<0.05	<0.05	<0.05	NT	NT	<0.10	<0.10	<0.05	<0.05	<0.05
Endrin	2	31	NT	NT	<0.05	<0.05	<0.05	<0.05	NT	NT	NS	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin Ketone	0.1	ND	NT	NT	<0.10	<0.10	<0.05	<0.05	NT	NT	NS	<0.10	<0.10	<0.05	<0.05	<0.05	NT	NT	<0.10	<0.10	<0.05	<0.05	<0.05
Gamma-BHC	0.2	2.6	NT	NT	<0.05	<0.05	<0.05	<0.05	NT	NT	NS	<0.05	<0.05	<0.05	<0.05	<0.05	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05
Chlordane	2	8.2	NT	NT	<0.05	<0.05	<0.2	<0.2	NT	NT	NS	<0.05	<0.05	<0.2	<0.2	<0.2	NT	NT	<0.05	<0.05	<0.2	<0.2	<0.2
Toxaphene	5	2.6	NT	NT	<5.0	**0.26**	<0.2	<0.2	NT	NT	NS	<0.05	<0.05	<0.2	<0.2	<0.2	NT	NT	<0.05	<0.05	<0.2	<0.2	<0.2
Chlorinated Herbicides			NT	NT	BRL	NT	NT	NT	NT	NT	NS	BRL	NT	NT	NT	NT	NT	NT	BRL	NT	NT	NT	NT

NT - Not Tested
ug/L - micrograms per li
NT - Not tested
Note: Shaded values indica
Samples outlined in red
NR - Not a HSRA regula

Table 7 - Cumulative Summary of Groundwater Testing Results

Constituent	Non-Residential Risk Reduction Standards, mg/L		MW-10						MW-11							MW-12					
Date	Type 3	Type 4	2/19/2002	3/11/2002	1/28/2010	12/31/2013	6/19/014	12/18/2014	6/4/2015	2/19/2002	1/28/2010	12/31/2013	6/18/2014	12/18/2014	6/3/2015	1/28/2010	12/30/2010	6/18/2014	DUP	12/16/2014	6/4/2015
VOCs, ug/L																					
1,1-Dichloroethane	4,000	46	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	523	<5.0	<5.0	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	600	548	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	600	548	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	70	519	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	70	5.79	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	4.6	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
Benzene	5	8.8	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	130	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
Chloroform	80	3	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	3	270	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
Cis-1,2-Dichloroethene	70	200	<5.0	<5.0	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	NS	<1.0	**6.2**	**2.3**	<5.0	<5.0	**2.1**	**2.4**	**3.4**	**2.6**
Ethylbenzene	700	29	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	**8.3**	**12.4**	**13.2**	<1.0	<1.0
Isopropylbenzene	5	1,000	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
Isopropyltoluene	NR	NR	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride	5	450	NT	NT	<5.0	NS	<2.0	<2.0	<2.0	NT	<5.0	NS	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0
Naphthalene	20	2.4	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	**1.0**	**3.4**	**2.3**	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	98	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
Toluene	1000	5200	NT	NT	<5.0	NS	<1.0	<1.0	<1.0	NT	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
Trans-1,2-Dichloroethene	100	160	<5.0	<5.0	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	NS	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	5	38	**16**	**11**	<5.0	NS	<1.0	**1.0**	<1.0	<5.0	<5.0	NS	<1.0	**5.7**	**2.8**	<5.0	<5.0	<1.0	<1.0	**21.2**	**17.4**
Vinyl Chloride	2	3.3	<10	<10	<2.0	NS	<1.0	<1.0	<1.0	<10	<2.0	NS	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0
Xylenes	10,000	290	NT	NT	<5.0	NS	<2.0	<2.0	<2.0	NT	<5.0	NS	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0
Pesticides, ug/L																					
4,4'-DDD	0.1	12	NT	NT	<0.10	NS	<0.05	<0.05	<0.05	NT	<0.10	NS	<0.5	**0.54**	<0.5	<0.10	<0.05	<0.05	<0.05	<0.05	<0.05
4,4'-DDE	0.1	84	NT	NT	<0.05	NS	<0.05	<0.05	<0.05	NT	<0.10	NS	<0.5	<0.2	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
4,4'-DDT	0.1	8.4	NT	NT	<0.10	NS	<0.05	<0.05	<0.05	NT	**0.15**	NS	<0.5	<0.2	<0.5	<0.10	<0.05	<0.05	<0.05	<0.05	<0.05
Alpha-BHC	0.05	0.45	NT	NT	<0.05	NS	<0.05	<0.05	<0.05	NT	**0.33**	NS	**0.79**	**1.0**	**1.2**	**0.11**	**0.11**	<0.05	<0.05	**0.073**	**0.18**
Beta-BHC	0.05	1.6	NT	NT	<0.05	NS	<0.05	<0.05	<0.05	NT	**0.11**	NS	<0.5	**0.52**	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Delta-BHC	0.05	1.6	NT	NT	<0.05	NS	<0.05	<0.05	<0.05	NT	**0.35**	NS	**0.79**	**1.2**	<0.5	**0.08**	**0.076**	**0.055**	**0.072**	**0.058**	**0.095**
Dieldrin	0.1	0.18	NT	NT	<0.10	NS	<0.05	<0.05	<0.05	NT	**0.72**	NS	**1.3**	**0.72**	<0.5	<0.10	<0.10	<0.10	<0.05	<0.05	<0.05
Endosulfan II	2	610	NT	NT	<0.10	NS	<0.05	<0.05	<0.05	NT	**0.4**	NS	<0.5	<0.2	<0.5	<0.10	<0.10	<0.10	<0.05	<0.05	<0.05
Endrin	2	31	NT	NT	<0.05	NS	<0.05	<0.05	<0.05	NT	<0.05	NS	<0.5	<0.2	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin Ketone	0.1	ND	NT	NT	<0.10	NS	<0.05	<0.05	<0.05	NT	**2.3**	NS	**3**	**2.4**	**3.4**	<0.10	<0.10	<0.10	<0.05	<0.05	<0.05
Gamma-BHC	0.2	2.6	NT	NT	<0.05	NS	<0.05	<0.05	<0.05	NT	**0.22**	NS	<0.5	**0.42**	**0.56**	**0.25**	**0.29**	**0.13**	**0.16**	**0.2**	**0.44**
Chlordane	2	8.2	NT	NT	<0.05	NS	<0.2	<0.2	<0.2	NT	<0.05	NS	<2.0	<0.8	<2.0	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2
Toxaphene	5	2.6	NT	NT	<5.0	NS	<0.2	<0.2	<0.2	NT	<5.0	NS	<2.0	<0.8	<2.0	<5.0	<0.05	<0.05	<0.2	<0.2	<0.2
Chlorinated Herbicides			NT	NT	BRL	NS	NT	NT	NT	NT	BRL	NS	NT	NT		BRL	BRL	NT	NT	NT	NT

NT - Not Tested
ug/L - micrograms per li
NT - Not tested
Note: Shaded values indica
Samples outlined in red
NR - Not a HSRA regula

Table 7 - Cumulative Summary of Groundwater Testing Results

Constituent	Non-Residential Risk Reduction Standards, mg/L		MW-13						MW-14				MW-15			MW-16			MW-17		
Date	Type 3	Type 4	1/28/2010	12/30/2013	6/18/2014	12/17/2014	DUP	6/4/2015	6/19/2014	12/18/2014	DUP	6/4/2015	6/18/2014	12/17/2014	6/3/2015	6/18/2014	12/17/2014	6/5/2015	6/18/2014	12/16/2014	6/5/2015
VOCs, ug/L																					
1,1-Dichloroethane	4,000	46	**19**	**7.6**	<20	<20	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<20
1,1-Dichloroethene	7	523	**11**	**5.3**	<20	<20	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<20
1,2-Dichlorobenzene	600	548	**12**	**7.8**	<20	<20	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<20
1,3-Dichlorobenzene	600	548	<5.0	<5.0	<20	<20	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<20
1,4-Dichlorobenzene	70	519	**50**	**42.4**	**47**	**41.1**	<50	**56.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.9**	**2.1**	**2.2**	<5.0	<5.0	<20
1,2,4-Trichlorobenzene	70	5.79	**51**	**22**	**32**	<20	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<20
1,1,2-Trichloroethane	5	4.6	<5.0	<5.0	<20	<20	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<20
Benzene	5	8.8	<5.0	**14.6**	<20	<20	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**10**	**3.7**	**3.2**	<5.0	<5.0	<20
Chlorobenzene	100	130	**65**	**44.7**	**48.1**	**36.4**	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**45.3**	**11.7**	**11.7**	<5.0	<5.0	<20
Chloroform	80	3	<5.0	<5.0	<20	<20	<20	<20	<1.0	<1.0	<1.0	<1.0	**1.1**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20
Chloromethane	3	270	<5.0	<5.0	<20	<20	<20	<20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20
Cis-1,2-Dichloroethene	70	200	**2,900**	**1,260**	**1,120**	**1,710**	**1,850**	**1,030**	**1.67**	**3**	**2.1**	**2.5**	**1.1**	**62**	**50.9**	**1.4**	<1.0	**2.5**	**803**	**993**	**1,010**
Ethylbenzene	700	29	<5.0	<5.0	<20	<20	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**657**	**1.7**	<1.0	<5.0	<5.0	<20
Isopropylbenzene	5	1,000	**7.3**	**5.2**	<20	<20	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<20
Isopropyltoluene	NR	NR	<5.0	<5.0	<20	<20	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<20
Methylene Chloride	5	450	**5.4**	<5.0	<40	<40	<100	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<5.0	<5.0	**53.5**
Naphthalene	20	2.4	<5.0	<5.0	<20	<20	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**174**	**2.0**	<1.0	**6.1**	**5.4**	<20
Tetrachloroethene	5	98	**19**	**11.4**	<20	<20	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<20
Toluene	1000	5200	<5.0	<5.0	<20	<20	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**4.2**	<1.0	<1.0	<5.0	<5.0	<20
Trans-1,2-Dichloroethene	100	160	**6.0**	**32.4**	<20	<20	<50	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<20
Trichloroethene	5	38	**8,200**	**4,320**	**2,710**	**4,770**	**4,460**	**2,580**	<1.0	**4**	**2.8**	**1.1**	<1.0	**62.8**	**58.8**	<5.0	<1.0	**5.6**	**926**	**2,340**	**976**
Vinyl Chloride	2	3.3	**3,300**	**933**	**657**	**516**	**588**	**576**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**4.1**	**46.9**	**12.5**	**6.6**	**33**	**20.1**	**22.6**
Xylenes	10,000	290	**9.8**	<10	<20	<20	<50	<50	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**928**	**1.1**	<1.0	<10.0	<10.0	<20.0
Pesticides, ug/L																					
4,4'-DDD	0.1	12	**2.9**	**4.2**	**3.8**	**3.2**	**3.9**	**1.2**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.25	**1.4**	<0.10	<0.05	<0.05
4,4'-DDE	0.1	84	<0.5	<1.0	**2.3**	<1.0	<1.0	<1.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.25	**1**	<0.10	<0.05	<0.05
4,4'-DDT	0.1	8.4	**2.4**	**8.4**	**7.6**	**6.9**	**8.4**	**4**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.25	<1.0	<0.10	**0.13**	<0.05
Alpha-BHC	0.05	0.45	<0.05	<1.0	<1.0	<1.0	<1.0	<1.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.25	<1.0	**0.21**	**0.35**	**0.41**
Beta-BHC	0.05	1.6	**3.7**	**4.3**	**4.2**	**3.7**	**4.4**	**2.9**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.48**	**0.48**	**1.9**	**1.0**	**1.2**	**0.75**
Delta-BHC	0.05	1.6	**2.3**	**2.5**	**1.9**	**1.9**	**2.2**	**1.0**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**2.4**	**1.8**	**5.4**	**0.45**	**0.47**	**0.52**
Dieldrin	0.1	0.18	<0.05	<1.0	<1.0	<1.0	<1.0	<1.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.25	<1.0	**0.22**	**0.17**	<0.05
Endosulfan II	2	610	<0.05	<1.0	<1.0	<1.0	<1.0	<1.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.25	<1.0	<0.10	<0.10	<0.10
Endrin	2	31	**7.3**	**8.0**	**6.0**	**4.5**	**5.6**	**3.2**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.25	<1.0	**0.28**	**0.4**	<0.05
Endrin Ketone	0.1	ND	**3.3**	**4.9**	**4.0**	**4.3**	**5.1**	**2.8**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.25	<1.0	**0.26**	**0.65**	**0.29**
Gamma-BHC	0.2	2.6	**2.0**	**1.8**	**1.5**	**1.5**	**1.5**	<1.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.25	<1.0	<0.10	**0.078**	**0.066**
Chlordane	2	8.2	<0.05	<4.0	<4.0	<4.0	<4.0	<4.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1.0	<1.0	<4.0	<0.4	<0.2	<0.2
Toxaphene	5	2.6	**44**	<4.0	<4.0	<4.0	<4.0	<4.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1.0	<1.0	<4.0	<0.4	<0.2	<0.2
Chlorinated Herbicides			BRL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BRL	BRL	NT	NT	NT	NT

NT - Not Tested
ug/L - micrograms per li
NT - Not tested
Note: Shaded values indica
Samples outlined in red
NR - Not a HSRA regula

Table 7 - Cumulative Summary of Groundwater Testing Results

Constituent	Non-Residential Risk Reduction Standards, mg/L		MW-18			MW-19				PZ-2								SW-1	SW-2
Date	Type 3	Type 4	6/19/2014	12/17/2014	6/4/2015	6/19/2014	12/18/2014	6/4/2015	DUP	8/3/2001	9/25/2001	11/29/2001	12/10/2009	12/30/2013	6/18/2014	12/17/2014	6/5/2015	12/11/2009	12/11/2009
VOCs, ug/L																			
1,1-Dichloroethane	4,000	46	**4**	<50	<50	<1.0	<5.0	<25	<25	NT	NT	NT	<5.0	<5.0	<100	<100	<250	<5.0	<5.0
1,1-Dichloroethene	7	523	**1.7**	<50	<50	<1.0	<5.0	<25	<25	NT	NT	<1,000	**14**	**9.7**	<100	<100	<250	<5.0	<5.0
1,2-Dichlorobenzene	600	548	**3.2**	<50	<50	<1.0	<5.0	<25	<25	NT	NT	NT	<5.0	<5.0	<100	<100	<250	<5.0	<5.0
1,3-Dichlorobenzene	600	548	**1**	<50	<50	<1.0	<5.0	<25	<25	NT	NT	NT	<5.0	<5.0	<100	<100	<250	<5.0	<5.0
1,4-Dichlorobenzene	70	519	**11.5**	<50	<50	<1.0	<5.0	<25	<25	NT	NT	NT	<5.0	<5.0	<100	<100	<250	<5.0	<5.0
1,2,4-Trichlorobenzene	70	5.79	**7.7**	<50	<50	<1.0	<5.0	<25	<25	NT	NT	NT	<5.0	<5.0	<100	<100	<250	<5.0	<5.0
1,1,2-Trichloroethane	5	4.6	**1.6**	<50	<50	<1.0	<5.0	<25	<25	NT	NT	NT	**21**	**9.9**	<100	<100	<250	<5.0	<5.0
Benzene	5	8.8	**4.1**	<50	<50	<1.0	**6.3**	<25	<25	NT	NT	NT	<5.0	<5.0	<100	<100	<250	<5.0	<5.0
Chlorobenzene	100	130	**15.4**	<50	<50	<1.0	**14.1**	<25	<25	NT	NT	NT	**6.9**	<5.0	<100	<100	<250	<5.0	<5.0
Chloroform	80	3	<1.0	<50	<50	<1.0	<5.0	<25	<25	NT	NT	NT	<5.0	<5.0	<100	<100	<250	<5.0	<5.0
Chloromethane	3	270	<1.0	<50	<50	<1.0	<5.0	<25	<25	NT	NT	NT	<5.0	<5.0	<100	<100	<250	<5.0	<5.0
Cis-1,2-Dichloroethene	70	200	**2,530**	**1,710**	**1,660**	**127**	**205**	**125**	**116**	NT	NT	**20,000**	**8,000**	**3,660**	**3,340**	**5,380**	**7,280**	<5.0	<5.0
Ethylbenzene	700	29	<1.0	<50	<50	**311**	**2,330**	<25	<25	NT	NT	NT	<5.0	<5.0	<100	<100	<250	<5.0	<5.0
Isopropylbenzene	5	1,000	<1.0	<50	<50	<1.0	<5.0	<25	<25	NT	NT	NT	<5.0	<5.0	<100	<100	<250	<5.0	<5.0
Isopropyltoluene	NR	NR	<1.0	<50	<50	<1.0	**6.2**	<25	<25	NT	NT	NT	<5.0	<5.0	<100	<100	<250	<5.0	<5.0
Methylene Chloride	5	450	**5.4**	<250	<250	<1.0	<5.0	<25	<25	NT	NT	NT	<5.0	<5.0	<100	<100	**592**	<5.0	<5.0
Naphthalene	20	2.4	**3.5**	**5.4**	<50	**10**	**63.8**	<25	<25	NT	NT	NT	<5.0	<5.0	<100	<100	<250	<5.0	<5.0
Tetrachloroethene	5	98	**3.5**	<50	<50	<1.0	<5.0	<25	<25	NT	NT	NT	**130**	**27.8**	<100	<100	<250	<5.0	<5.0
Toluene	1000	5200	<1.0	<50	<50	**12.1**	**50.6**	<25	<25	NT	NT	NT	<5.0	<5.0	<100	<100	<250	<5.0	<5.0
Trans-1,2-Dichloroethene	100	160	**3.6**	<50	<50	<5.0	<5.0	<25	<25	NT	NT	<1,000	**17**	**80.3**	<100	<100	<250	<5.0	<5.0
Trichloroethene	5	38	**3,220**	**3,590**	**3,010**	**62.3**	<5.0	<25	<25	**7,200**	**7,800**	**3,300**	**57,000**	**18,700**	**10,300**	**41,600**	**46,300**	<5.0	<5.0
Vinyl Chloride	2	3.3	**181**	**838**	**680**	**5.1**	**113**	<25	<25	NT	NT	**6,800**	**2,200**	<1,000	**305**	**1,220**	**1,620**	<2.0	<2.0
Xylenes	10,000	290	**2.4**	<100	<100	**2,120**	**10,900**	**67.1**	**64.2**	NT	NT	NT	**5.4**	<5.0	<200	<100	<250	<5.0	<5.0
Pesticides, ug/L																			
4,4'-DDD	0.1	12	<0.25	<0.2	<0.05	**4.9**	**7.4**	**1.5**	**2.1**	NT	NT	NT	**0.13**	**0.18**	**1.7**	**2.2**	**0.12**	<0.10	<0.10
4,4'-DDE	0.1	84	<0.25	<0.2	<0.05	<1.0	<1.0	<1.0	<1.0	NT	NT	NT	<0.05	**0.13**	<0.2	<0.25	<0.05	<0.10	<0.10
4,4'-DDT	0.1	8.4	<0.25	<0.2	<0.05	**1.6**	**1.6**	<1.0	<1.0	NT	NT	NT	<0.1	<0.05	**0.5**	**0.55**	<0.05	<0.10	<0.10
Alpha-BHC	0.05	0.45	**0.4**	**0.23**	<0.05	<1.0	**4**	<1.0	<1.0	NT	NT	NT	**0.53**	**0.2**	**0.33**	**0.35**	**0.44**	<0.10	<0.10
Beta-BHC	0.05	1.6	**1.9**	**0.45**	**0.14**	**1.6**	**4.9**	**1.4**	**1.5**	NT	NT	NT	**0.71**	**0.5**	**0.41**	**0.52**	**0.37**	<0.05	<0.05
Delta-BHC	0.05	1.6	**1.2**	**0.45**	**0.16**	**1.3**	**8.3**	**1.0**	<1.0	NT	NT	NT	**1.1**	**0.61**	**0.75**	**0.78**	**0.71**	<0.10	<0.10
Dieldrin	0.1	0.18	<0.25	<0.2	<0.05	**5.4**	**4.4**	**7.9**	**7.0**	NT	NT	NT	<0.1	<0.05	**0.52**	**0.43**	**0.15**	<0.10	<0.10
Endosulfan II	2	610	<0.25	<0.2	<0.05	<1.0	<1.0	**2.8**	2.5	NT	NT	NT	<0.1	<0.05	<0.2	<0.25	<0.05	<0.10	<0.10
Endrin	2	31	**1.2**	**0.51**	<0.05	**5.1**	**2.6**	**5.8**	**5.4**	NT	NT	NT	**<0.1**	<0.05	**0.28**	<0.25	<0.05	<0.10	<0.10
Endrin Ketone	0.1	ND	**1.8**	**0.73**	**0.13**	**4.4**	**5.3**	**6.2**	**5.6**	NT	NT	NT	**1.3**	**0.1**	**0.54**	**0.44**	**0.51**	<0.10	<0.10
Gamma-BHC	0.2	2.6	**1.1**	**0.3**	<0.05	**1.2**	**4.4**	<1.0	<1.0	NT	NT	NT	**0.83**	**0.24**	**0.44**	**0.41**	**0.56**	<0.05	<0.05
Chlordane	2	8.2	<1.0	<0.8	**0.23**	<4.0	<4.0	<4.0	<4.0	NT	NT	NT	<0.1	<5.0	<5.0	<1.0	<0.05	<0.05	<0.05
Toxaphene	5	2.6	<1.0	<0.8	**2.6**	<4.0	<4.0	<4.0	<4.0	NT	NT	NT	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0
Chlorinated Herbicides			NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BRL	NT	NT	NT	NT	BRL	BRL

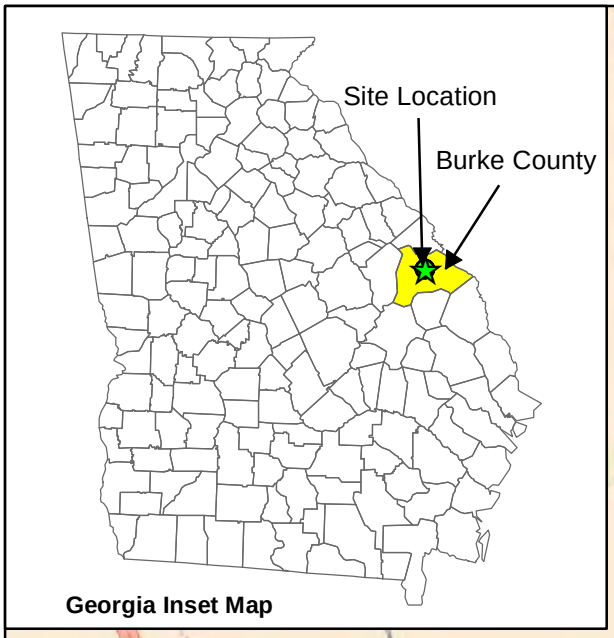
NT - Not Tested
ug/L - micrograms per li
NT - Not tested
Note: Shaded values indica
Samples outlined in red
NR - Not a HSRA regula

Table 8 - Well Construction and Water Level Data

Well No.	Top of Casing Elevation, Ft.	Screened Interval, Ft.	Depth to Water, Ft.	Groundwater Elevation, Ft.
MW-1	297.51	3 - 8	6.3	291.21
MW-2 (I)	298.47	16 - 21	12.3	286.17
MW-3	294.85	7 - 12	8.82	286.03
MW-4 (deep)	298.33	56 - 66	29.96	268.37
MW-5	302.92	3 - 13	11.42	286.73
MW-6	299.16	3 - 13	6.38	292.78
MW-7	294.54	3- 13	3.11	291.43
MW-8 (destroyed)	NA	NA	NA	NA
MW-9	294.26	3 - 13	8.6	285.66
MW-10	301.04	15 – 25	13.52	287.52
MW-11	299.86	6 - 16	9.07	290.79
MW-12 (deep)	299.89	54 - 64	32.48	267.41
MW-13	298.64	3 -13	6.51	292.13
MW-14 (I)	298.99	17 - 22	10.82	288.17
MW-15	298.79	3 - 8	7.7	292.09
MW-16	297.25	3 - 8	5.79	291.46
MW-17 (I)	297.83	20 - 25	9.38	289.45
MW-18 (I)	298.71	20 - 25	10.87	287.84
MW-19	297.12	5 - 10	3.86	293.26
PZ-2 (I)	298.82	30 - 35	7.86	290.96
PZ-4 (I)	292.6	19 - 24	1.49	291.11
PZ-5 (I) (destroyed)	293.54	17 - 22	NA	NA
PZ-6 (I) (destroyed)	295.06	17 - 22	NA	NA

(I) – Intermediate depth well screen

FIGURES



Georgia Inset Map

N

SITE

Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA

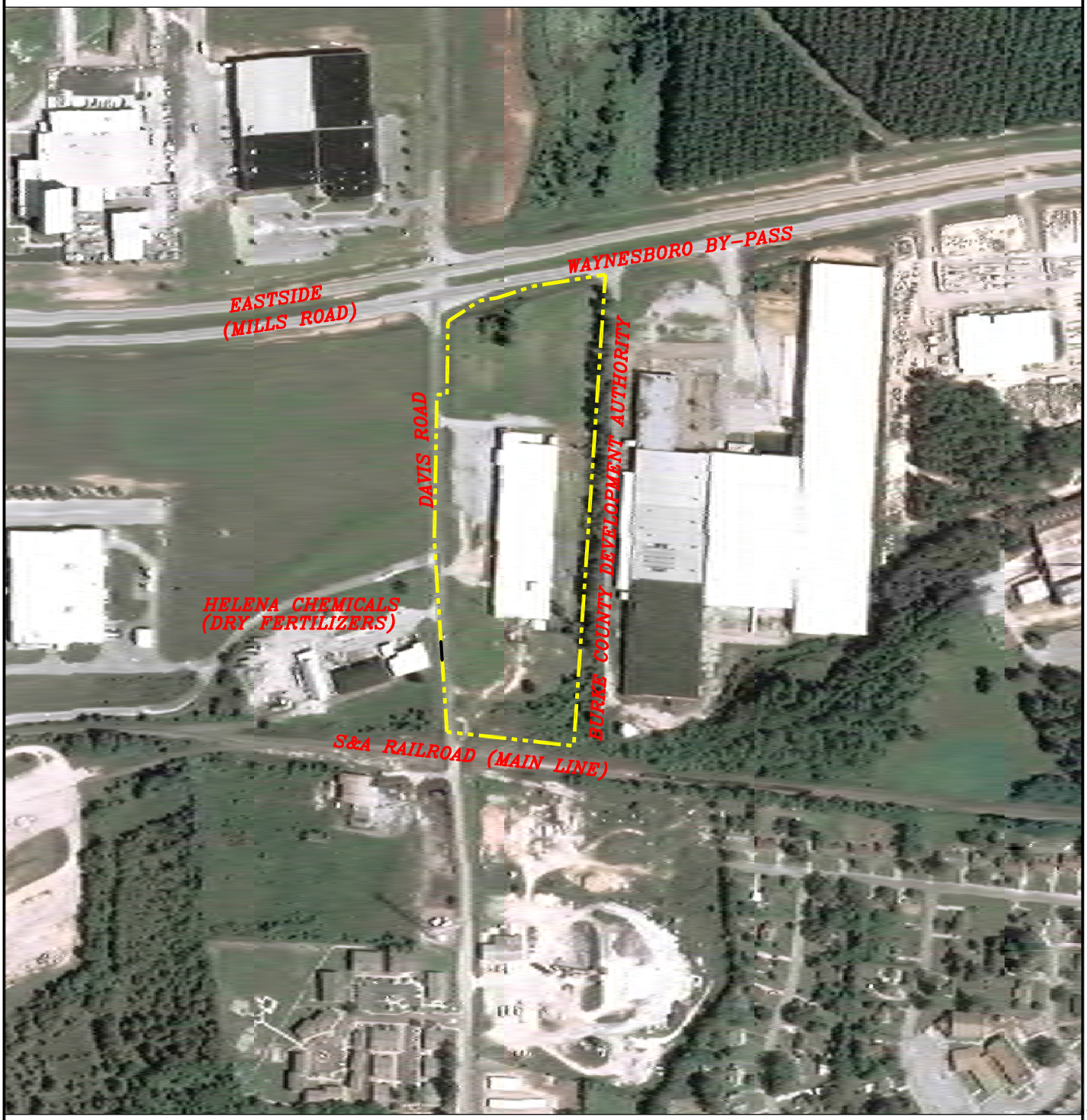
0 2,000 4,000 Feet

Legion Industries Facilities
Waynesboro, Ga.

Topographic Map

Prepared by: TG 1/21/2015	amec foster wheeler	Figure Number: 1
Checked by: SF 1/21/2015		
Project Number: 612109044		

Document Path: G:\Legion Industries\mxd\Topo.mxd



SCALE IN FEET

0 400 800

SOURCE: USDA NRCS NATIONAL AERIAL IMAGERY PROJECT (NAIP 2009)SALT LAKE CITY UTAH, USGS SEAMLESS DATA DISTRIBUTION

LEGION INDUSTRIES
FACILITIES
WAYNESBORO, GA

amec foster wheeler
AMEC Environment & Infrastructure, Inc.
1075 BIG SHANTY ROAD, NW, SUITE 100
KENNESAW, GEORGIA 30144 (770) 421-3400

SITE AND VICINITY MAP

JOB NO. 6121-09-0444 FIGURE 2

PREPARED BY/DATE TG 1/18/2016
CHECKED BY/DATE SF 1/18/2016

MEAN

WAYNESBORO BY-PASS
(R/W VARIES)

201.00'

101.12'

103.05'

EASTSIDE
(MILLS ROAD)

(R/W VARIES)

200.00'

SEPTIC
FIELD

MW-3

MW-9

BURKE COUNTY DEVELOPMENT AUTHORITY

UNDEVELOPED LAND
(BURKE COUNTY
DEVELOPMENT
AUTHORITY)

CONCRETE

CONCRETE

MW-10

MW-17

399.71'

MW-16

1-S METAL BLDG.

PZ-4

504'

468'

MW-8

MW-12

S 03°50'19"W 1289.76'

SYNERGY GROUP, LLC

OW TOWN ROAD

DAVIS ROAD 50' R/W

275.74'

CONCRETE

PZ-6

FORMER
DEGREASER
PITS AREA

MW-19

MW-2

PZ-5

150'

MW-13

1-S METAL
BLDG.

MW-4

MW-18

PZ-2

MW-11

HELENA CHEMICALS
(DRY FERTILIZERS)

MW-7

MW-1

MW-15

MW-14

MW-6

FORMER GEORGIA POWER CO.
SUBSTATION

196.30'

RAILROAD SPUR TRACK

MW-5

348.46'

S&A RAILROAD (MAIN LINE) 50' R/W

LEGEND OF FORMER INVESTIGATIONS

MW-6	MONITORING WELL/AMEC 2002, 2010 2014
MW-4	DEEP, TYPE III MONITORING WELL, MACTEC 2002
PZ-1	GEOPROBE CONVERTED TO, PIEZOMETER MACTEC 2002
MW-8	DESTROYED

SCALE IN FEET

0 100 200

BASE MAP: PREPARED BY
STEVE BARGERON & ASSOCIATES;
WAYNESBORO, GEORGIA

LEGION INDUSTRIES FACILITY
WAYNESBORO, GEORGIA

amec foster wheeler
Environment & Infrastructure, Inc.
1075 BIG SHANTY ROAD, NW, SUITE 100
KENNESAW, GEORGIA 30144 (770) 421-3400

MONITORING WELL LOCATIONS

JOB NO. 6121-09-0444 FIGURE 3

PREPARED BY/DATE CKB 6/23/2015 CHECKED BY/DATE SRF 6/23/2015

SOUTHWEST
A

NORTHEAST
A'

ELEVATION IN FEET (NGVD)

300
290
280
270
260
250
240

MW-6 MW-1 PZ-2 SS-8 MW-4 DP-1 MW-19 DP-2 MW-12 PZ-4 MW-17 MW-10

FILL

CLAYEY SAND

CLAYEY SAND/ SANDY CLAY

CLAYEY FINE TO COARSE SAND

FINE TO MEDIUM SAND

SILTY CLAY

CLAYEY SAND

SILTY SANDY CLAY

CLAYEY FINE TO MEDIUM SAND

DP-2-3'	
VOCs, ug/kg	
Cis-1,2-Dichloroethene	9,800
Ethylbenzene	680,000
Isopropylbenzene	10,000
Toluene	13,000
Trichloroethene	36,000
Xylenes	4,200,000
Metals, mg/kg	
Barium	11
Chromium	16
Lead	4.63
Pesticides, ug/kg	
4,4'-DDD	4,800
4,4'-DDE	690
4,4'-DDT	5,300
Aldrin	43
Alpha-BHC	19
Alpha Chlordane	340
Beta-BHC	19
Delta-BHC	22
Dieldrin	600
Endrin	120
Endrin Ketone	260
Gamma-BHC	28
Gamma-Chlordane	300
Heptachlor	28
Heptachlor Epoxide	<10
Toxaphene	5,900
Herbicides, ug/kg	BRL

DP-1-3'	
VOCs, ug/kg	
Cis-1,2-Dichloroethene	120
Ethylbenzene	53
Isopropylbenzene	14
Trichloroethene	37
Xylenes	420
Metals, mg/kg	
Barium	8.59
Chromium	21.3
Lead	4.88
Pesticides, ug/kg	
4,4'-DDD	32,000
4,4'-DDE	2,800
4,4'-DDT	180,000
Aldrin	1,400
Alpha-BHC	300
Alpha Chlordane	4,300
Delta-BHC	210
Dieldrin	2,800
Endrin	11,000
Endrin Ketone	5,400
Gamma-Chlordane	5,200
Heptachlor	3,300
Heptachlor Epoxide	7,800
Toxaphene	98,000
Herbicides, ug/kg	BRL

SS-8-3'	
VOCs, ug/kg	
Cis-1,2-Dichloroethene	29
Tetrachloroethene	180
Trichloroethene	1900
Vinyl Chloride	69
Metals, mg/kg	
Chromium	20.2
Pesticides, ug/kg	
4,4'-DDD	5.4
4,4'-DDT	12
Herbicides, ug/kg	BRL

Constituent	MW-6						
Date	2/19/2002	3/11/2009	12/11/2009	12/31/2013	6/18/2014	12/18/2014	6/3/2015
VOCS							
Cis-1,2-Dichloroethene	10	6	<5.0	<5.0	3.1	5.3	<1.0
Trichloroethene	17	11	14	<5.0	2.0	4.2	1.0
Pesticides							
Toxaphene	NT	NT	<0.2	0.26	<0.2	<0.2	<0.2
Herbicides	NT	NT	BRL	NT	NT	NT	NT

Constituent	MW-19			
Date	6/19/2014	12/18/2014	6/4/2015	DUP
VOCs				
Benzene	<1.0	6.3	<25	<25
Chlorobenzene	<1.0	14.1	<25	<25
Cis-1,2-Dichloroethene	127	205.0	125	116
Ethylbenzene	311	2,330	16.0J	14.4J
p-Isopropyltoluene	1.2	6.2	<25	<25
Naphthalene	10.0	63.8	<25	<25
Toluene	12.1	50.6	<25	<25
Trichloroethene	62.3	<5.0	15.9J	13.6J
Vinyl Chloride	5.1	113.0	<25	<25
Xylenes	2,120	10,900	67.1	64.2
Pesticides				
4,4'-DDD	4.9	7.4	1.5	2.1
4,4'-DDT	1.6	1.6	<1.0	<1.0
Alpha-BHC	<1.0	4.0	<1.0	<1.0
Beta-BHC	1.6	4.9	1.4	1.5
Delta-BHC	1.3	8.3	1.0	<1.0
Dieldrin	5.4	4.4	7.9	7
Endosulfan II	<1.0	<1.0	2.8	2.5
Endrin	5.1	2.6	5.8	5.4
Encrin Ketone	4.4	5.3	6.2	5.6
Gamma-BHC	1.2	4.4	<4.0	<4.0
Herbicides	BRL	NT	NT	NT

Constituent	MW-10						
Date	2/19/2002	3/11/2002	1/28/2010	12/31/2013	6/19/2014	12/18/2014	6/4/2015
VOCs							
Trichloroethene	16	11	<5.0	NS	<1.0	1.0	<1.0
Pesticides	NT	NT	BRL	NS	BRL	BRL	BRL
Herbicides	NT	NT	BRL	NS	NT	NT	NT

Constituent	MW-1								
Date	4/25/2001	8/3/2001	2/19/2002	12/11/2009	12/31/2013	6/16/2014	12/17/2014	6/3/2015	DUP
VOCS									
Chlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	1.4	<10.0	<10.0	<10.0
1,4-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	1.2	<10.0	<10.0	<10.0
1,1-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	2.2	<10.0	<10.0	<10.0
Cis-1,2-Dichloroethene	NT	NT	180	820	145	902	709	742	724
Trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	2.9	<10.0	<10.0	<10.0
Tetrachloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	1.2	<10.0	<10.0	<10.0
Trichloroethene	350	180	140	860	193	788	612	623	596
Vinyl Chloride	NT	NT	<10	5	<5.0	160	<10.0	13.9	13
Pesticides									
Alpha-BHC	NT	NT	NT	0.052	<0.05	<0.05	<0.05	<0.05	<0.05
Beta-BHC	NT	NT	NT	0.073	0.057	0.11	0.062	0.16	0.19
Dieldrin	NT	NT	NT	<0.10	0.076	0.12	0.058	0.13	0.15
Endrin Ketone	NT	NT	NT	0.13	0.1	0.24	0.17	0.25	0.3
Herbicides	NT	NT	NT	BRL	NT	NT	NT	NT	NT

Constituent	PZ-2							
Date	8/3/2001	9/25/2001	11/29/2001	12/10/2009	12/30/2013	6/18/2014	12/17/2014	6/5/2015
VOCs								
1,1-Dichloroethene	NT	NT	<1,000	14	9.7	<100	<100	<250
1,1,2-Trichloroethane	NT	NT	NT	21	9.9	<100	<100	<100
Chlorobenzene	NT	NT	NT	6.9	<5.0	<100	<100	<100
Cis-1,2-Dichloroethene	NT	NT	20,000	8,000	3,660	3,340	5,380	7,280
Mehtylene Chloride	NT	NT	NT	<5.0	<5.0	<100	<100	592
Tetrachloroethene	NT	NT	NT	130	27.8	<100	<100	<100
Trans-1,2-Dichloroethene	NT	NT	<1,000	17	80.3	<100	<100	<100
Trichloroethene	7,200	7,800	3,300	57,000	18,700	10,300	41,600	46,300
Vinyl Chloride	NT	NT	6,800	2,200	<1,000	305	1,220	1,620
Xylenes	NT	NT	NT	5.4	<5.0	<200	<100	<100
Pesticides								
4,4-DDD	NT	NT	NT	0.13	0.18	1.7	2.2	0.12
4,4-DDE	NT	NT	NT	<0.05	0.13	<0.2	<0.25	<0.05
4-4'-DDT	NT	NT	NT	<0.1	<0.05	0.5	0.55	<0.05
Alpha-BHC	NT	NT	NT	0.53	0.2	0.33	0.35	0.44
Beta-BHC	NT	NT	NT	0.71	0.5	0.41	0.52	0.37
Delta-BHC	NT	NT	NT	1.1	0.61	0.75	0.78	0.71
Dieldrin	NT	NT	NT	<0.1	<0.05	0.52	0.43	0.15
Endrin	NT	NT	NT	<0.1	<0.05	0.28	<0.25	<0.05
Endrin Ketone	NT	NT	NT	1.3	0.1	0.54	0.44	0.51
Gamma-BHC	NT	NT	NT	0.33	0.24	0.44	0.41	0.56
Herbicides	NT	NT	NT	BRL	NT	NT	NT	NT

Constituent	MW-4						
Date	2/19/2002	3/11/2009	12/10/2009	12/30/2013	6/18/2014	12/17/2014	6/4/2015
VOCS							
Cis-1,2-Dichloroethene	15	<5.0	<5.0	NT	5.1	3.2	3.5
Trichloroethene	11	<5.0	<5.0	NT	7.8	1.7	1.2
Pesticides	NT	NT	BRL	NT	BRL	BRL	BRL
Herbicides	NT	NT	BRL	NT	NT	NT	NT

Constituent	MW-17		
Date	6/18/2014	12/16/2014	6/5/2015
VOCs			
Cis-1,2-Dichloroethene	803	993	1,010
Methylene Chloride	<5.0	<5.0	54
Naphthalene	6.1	5	<20
Trichloroethene	926	2,340	976
Vinyl Chloride	33	20.1	22.6
Pesticides			
Alpha-BHC	0.21	0.35	0.41
Beta-BHC	1.0	1.2	0.75
Delta-BHC	0.45	0.47	0.52
Dieldrin	0.22	0.17	<0.05
Endrin	0.28	0.4	<0.05
Endrin Ketone	0.26	0.65	0.29
Gamma-BHC	<0.1	<0.1	0.066
Herbicides	NT	NT	NT

Constituent	MW-12					
Date	1/28/2010	12/30/2013	6/18/2014	DUP-1	12/16/2014	6/4/2015
VOCs						
Cis-1,2-Dichloroethene	<5.0	<5.0	2.1	2.4	3.4	2.6
Trichloroethene	<5.0	8.3	12.4	13.2	21.2	17.4
Pesticides						
Alpha-BHC	0.11	0.11	<0.05	<0.05	0.073	0.18
Delta-BHC	0.08	0.076	0.055	0.072	0.058	0.095
Gamma-BHC	0.25	0.29	0.13	0.16	0.2	0.44
Herbicides	BRL	NT	NT	NT	NT	NT

0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400

SCALE IN FEET
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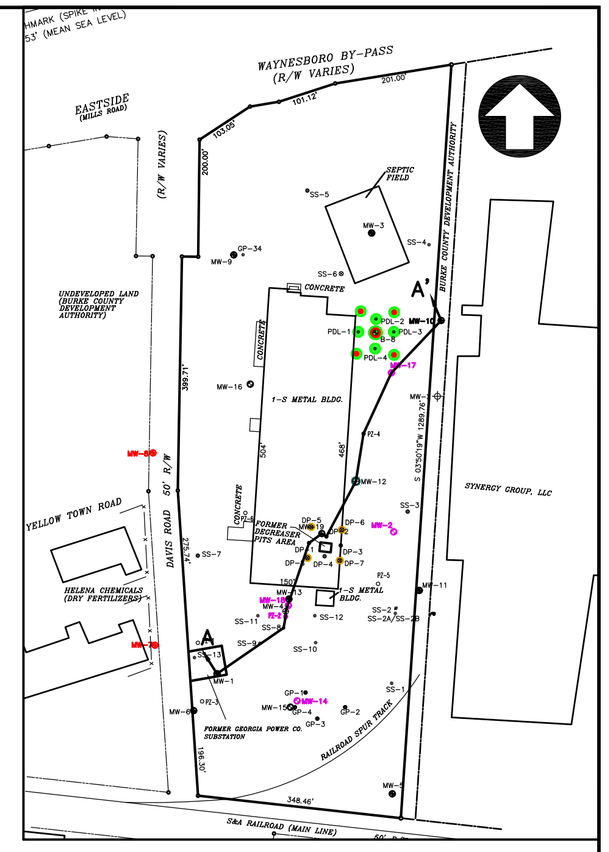
50



SCALE IN FEET
0 200 400

LEGEND

- WELL SCREENED INTERVAL
- GROUNDWATER ELEVATION
- BRL BELOW REPORTING LIMIT
- NT NOT TESTED
- UG/KG MICROGRAMS PER KILOGRAMS
- UG/L MICROGRAMS PER LITER
- AREA OF SOIL EXCAVATION

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DESIGNED	T. GLADSTONE
DRAWN	T. GLADSTONE
CHECKED	S. FOLEY
IN CHARGE	
DATE	1/7/2016

LEGION INDUSTRIES
ATLANTA, GEORGIA

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

amec foster wheeler

CROSS SECTION A–A'

SCALE: AS SHOWN
CONTRACT: 6121-09-0444
DWG. NO.: FIG 4
REV:
PAGE NO:

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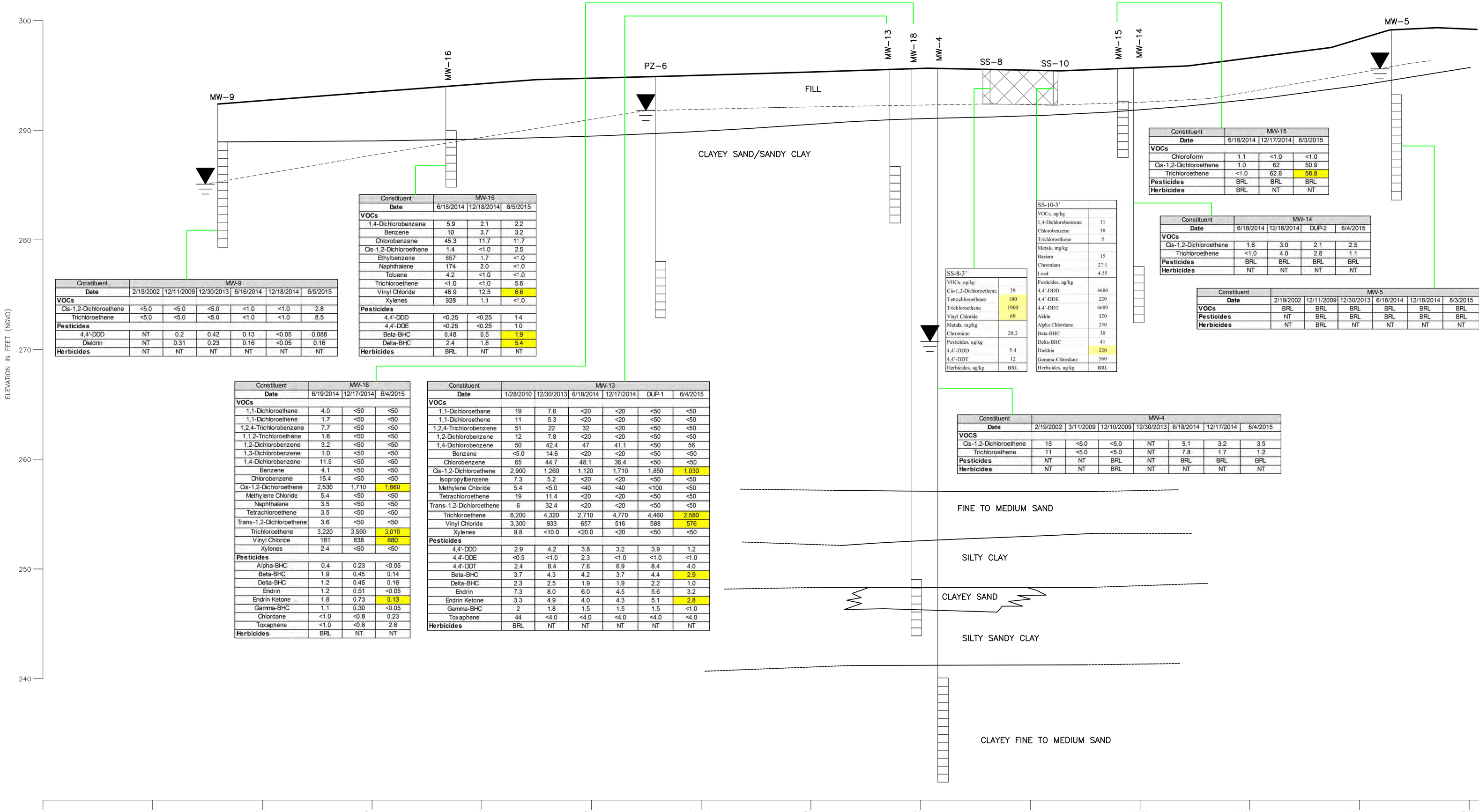
NORTHWEST

B

SOUTHEAST

B'



Constituent	MW-9					
Date	2/19/2002	12/11/2009	12/30/2013	6/16/2014	12/18/2014	6/5/2015
VOCs						
Cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	<1.0	<1.0	2.8
Trichloroethene	<5.0	<5.0	<5.0	<1.0	<1.0	8.5
Pesticides						
4,4'-DDD	NT	0.2	0.42	0.13	<0.05	0.088
Dieldrin	NT	0.31	0.23	0.16	<0.05	0.16
Herbicides	NT	NT	NT	NT	NT	NT

Constituent	MW-16		
Date	6/18/2014	12/18/2014	6/5/2015
VOCs			
1,4-Dichlorobenzene	5.9	2.1	2.2
Benzene	10	3.7	3.2
Chlorobenzene	45.3	11.7	11.7
Cis-1,2-Dichloroethene	1.4	<1.0	2.5
Ethylbenzene	857	1.7	<1.0
Naphthalene	174	2.0	<1.0
Toluene	4.2	<1.0	<1.0
Trichloroethene	<1.0	<1.0	5.6
Vinyl Chloride	46.9	12.5	6.6
Xylenes	928	1.1	<1.0
Pesticides			
4,4'-DDD	<0.25	<0.25	1.4
4,4'-DDE	<0.25	<0.25	1.0
Beta-BHC	0.48	0.5	1.9
Delta-BHC	2.4	1.8	5.4
Herbicides	BRL	NT	NT

Constituent	MW-18		
Date	6/19/2014	12/17/2014	6/4/2015
VOCs			
1,1-Dichloroethane	4.0	<50	<50
1,1-Dichloroethene	1.7	<50	<50
1,2,4-Trichlorobenzene	7.7	<50	<50
1,1,2-Trichloroethane	1.6	<50	<50
1,2-Dichlorobenzene	3.2	<50	<50
1,3-Dichlorobenzene	1.0	<50	<50
1,4-Dichlorobenzene	11.5	<50	<50
Benzene	4.1	<50	<50
Chlorobenzene	15.4	<50	<50
Cis-1,2-Dichloroethene	2,530	1,710	1,660
Methylene Chloride	5.4	<50	<50
Naphthalene	3.5	<50	<50
Tetrachloroethene	3.5	<50	<50
Trans-1,2-Dichloroethene	3.6	<50	<50
Trichloroethene	3,220	3,590	3,010
Vinyl Chloride	181	838	680
Xylenes	2.4	<50	<50
Pesticides			
Alpha-BHC	0.4	0.23	<0.05
Beta-BHC	1.9	0.45	0.14
Delta-BHC	1.2	0.45	0.16
Endrin	1.2	0.51	<0.05
Endrin Ketone	1.8	0.73	0.13
Gamma-BHC	1.1	0.30	<0.05
Chlordane	<1.0	<0.8	0.23
Toxaphene	<1.0	<0.8	2.6
Herbicides	BRL	NT	NT

Constituent	MW-13					
Date	1/28/2010	12/30/2013	6/18/2014	12/17/2014	DUP-1	6/4/2015
VOCs						
1,1-Dichloroethane	19	7.6	<20	<20	<50	<50
1,1-Dichloroethene	11	5.3	<20	<20	<50	<50
1,2,4-Trichlorobenzene	51	22	32	<20	<50	<50
1,2-Dichlorobenzene	12	7.8	<20	<20	<50	<50
1,4-Dichlorobenzene	50	42.4	47	41.1	<50	56
Benzene	<5.0	14.6	<20	<20	<50	<50
Chlorobenzene	65	44.7	48.1	36.4	<50	<50
Cis-1,2-Dichloroethene	2,900	1,260	1,120	1,710	1,850	1,030
Isopropylbenzene	7.3	5.2	<20	<20	<50	<50
Methylene Chloride	5.4	<5.0	<40	<40	<100	<50
Tetrachloroethene	19	11.4	<20	<20	<50	<50
Trans-1,2-Dichloroethene	6	32.4	<20	<20	<50	<50
Trichloroethene	8,200	4,320	2,710	4,770	4,460	2,580
Vinyl Chloride	3,300	933	657	516	588	576
Xylenes	9.8	<10.0	<20.0	<20	<50	<50
Pesticides						
4,4'-DDD	2.9	4.2	3.8	3.2	3.9	1.2
4,4'-DDE	<0.5	<1.0	2.3	<1.0	<1.0	<1.0
4,4'-DDT	2.4	8.4	7.6	6.9	8.4	4.0
Beta-BHC	3.7	4.3	4.2	3.7	4.4	2.9
Delta-BHC	2.3	2.5	1.9	1.9	2.2	1.0
Endrin	7.3	8.0	6.0	4.5	5.6	3.2
Endrin Ketone	3.3	4.9	4.0	4.3	5.1	2.8
Gamma-BHC	2	1.8	1.5	1.5	1.5	<1.0
Toxaphene	44	<4.0	<4.0	<4.0	<4.0	<4.0
Herbicides	BRL	NT	NT	NT	NT	NT

SS-8-3'	
VOCs, ug/kg	
Cis-1,2-Dichloroethene	29
Tetrachloroethene	180
Trichloroethene	1900
Vinyl Chloride	69
Metals, mg/kg	
Chromium	20.2
Pesticides, ug/kg	
4,4'-DDD	5.4
4,4'-DDT	12
Herbicides, ug/kg	BRL

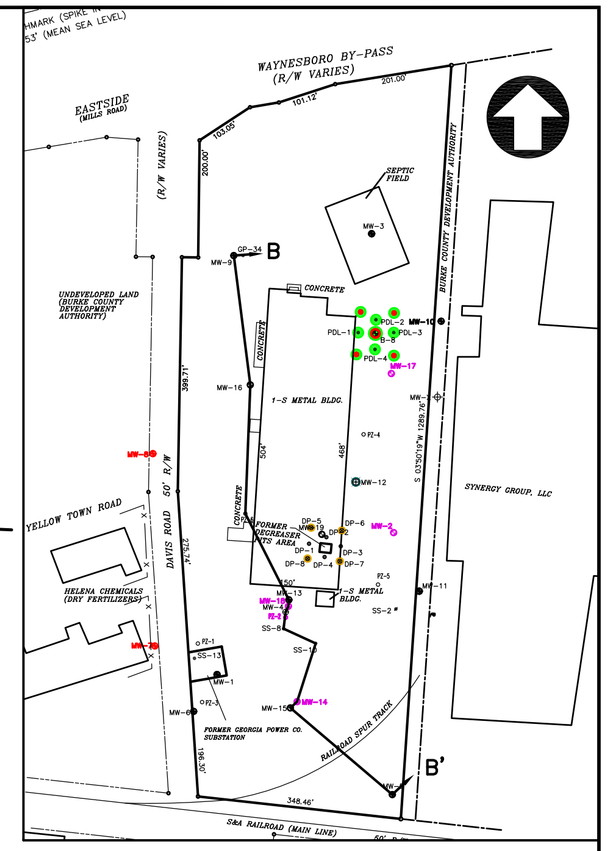
SS-10-3'	
VOCs, ug/kg	
1,4-Dichlorobenzene	11
Chlorobenzene	38
Trichloroethene	5
Metals, mg/kg	
Barium	15
Chromium	27.1
Lead	4.55
Pesticides, ug/kg	
4,4'-DDD	4600
4,4'-DDE	220
4,4'-DDT	6600
Aldrin	120
Alpha Chlordane	230
Beta-BHC	30
Delta-BHC	41
Dieldrin	220
Gamma-Chlordane	560
Herbicides, ug/kg	BRL

Constituent	MW-15		
Date	6/18/2014	12/17/2014	6/3/2015
VOCs			
Chloroform	1.1	<1.0	<1.0
Cis-1,2-Dichloroethene	1.0	62	50.9
Trichloroethene	<1.0	62.8	58.8
Pesticides	BRL	BRL	BRL
Herbicides	BRL	NT	NT

Constituent	MW-14			
Date	6/18/2014	12/18/2014	DUP-2	6/4/2015
VOCs				
Cis-1,2-Dichloroethene	1.6	3.0	2.1	2.5
Trichloroethene	<1.0	4.0	2.8	1.1
Pesticides	BRL	BRL	BRL	BRL
Herbicides	NT	NT	NT	NT

Constituent	MW-5					
Date	2/19/2002	12/11/2009	12/30/2013	6/18/2014	12/18/2014	6/3/2015
VOCs	BRL	BRL	BRL	BRL	BRL	BRL
Pesticides	NT	BRL	BRL	BRL	BRL	BRL
Herbicides	NT	BRL	NT	NT	NT	NT

Constituent	MW-4						
Date	2/19/2002	3/11/2009	12/10/2009	12/30/2013	6/18/2014	12/17/2014	6/4/2015
VOCS							
Cis-1,2-Dichloroethene	15	<5.0	<5.0	NT	5.1	3.2	3.5
Trichloroethene	11	<5.0	<5.0	NT	7.8	1.7	1.2
Pesticides	NT	NT	BRL	NT	BRL	BRL	BRL
Herbicides	NT	NT	BRL	NT	NT	NT	NT



LEGEND

- WELL SCREENED INTERVAL
- GROUNDWATER ELEVATION
- BRL — BELOW REPORTING LIMIT
- NT — NOT TESTED
- UG/KG — MICROGRAMS PER KILOGRAMS
- UG/L — MICROGRAMS PER LITER
- AREA OF SOIL EXCAVATION

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SCALE IN FEET
0
20
50

DESIGNED	T. GLADSTONE
DRAWN	T. GLADSTONE
CHECKED	S. FOLEY
IN CHARGE	
DATE	1/7/2016

LEGION INDUSTRIES
ATLANTA, GEORGIA

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

amec foster wheeler

CROSS SECTION B–B'

SCALE: AS SHOWN
CONTRACT: 6121–09–0444
DWG. NO.: FIG 5
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PAGE NO

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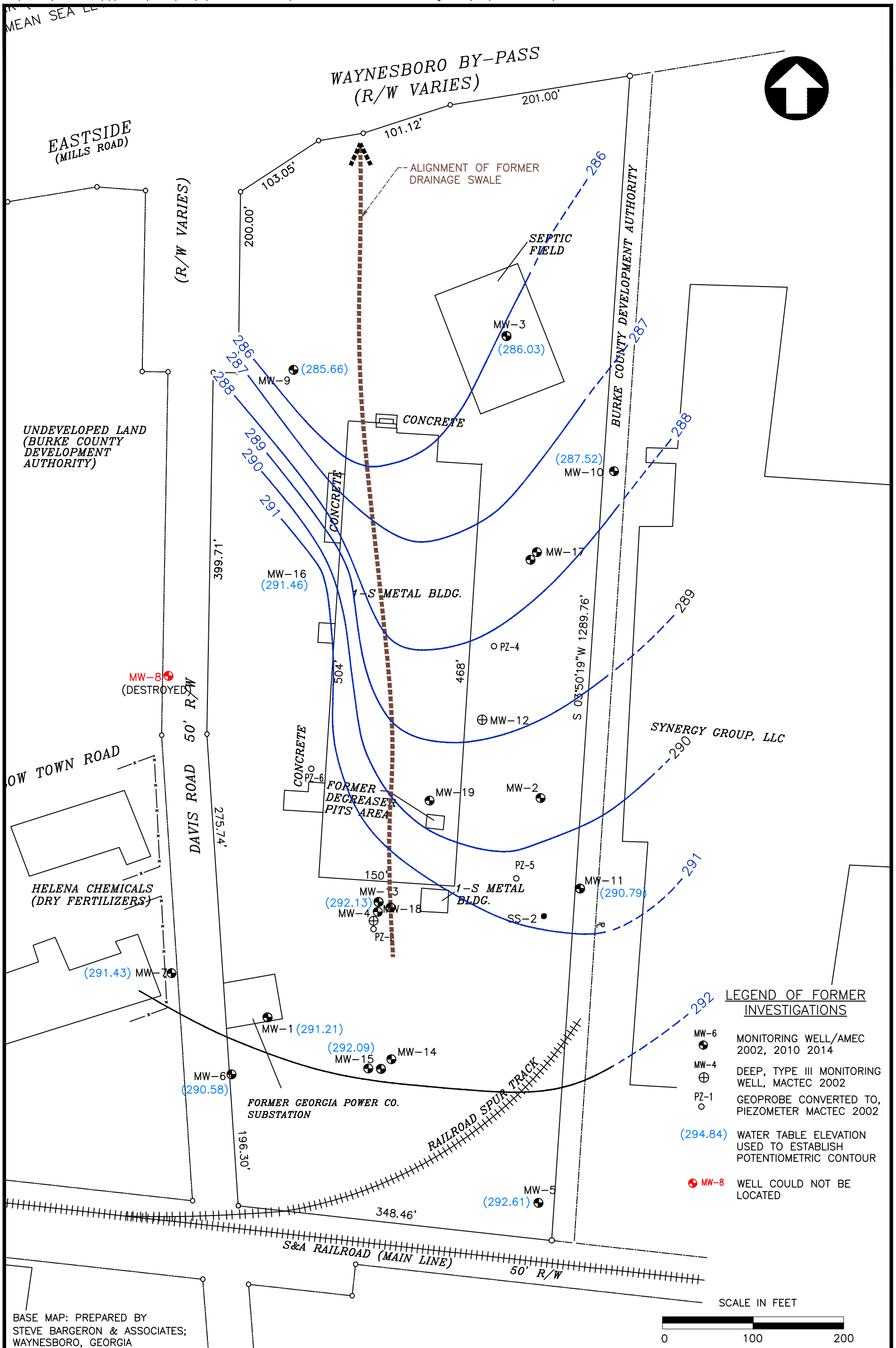

LEGION INDUSTRIES FACILITY
WAYNESBORO, GEORGIA

amec foster wheeler
Environment & Infrastructure, Inc.
1075 BIG SHANTY ROAD, NW, SUITE 100
KENNESAW, GEORGIA 30144 (770) 421-3400

POTENTIOMETRIC SURFACE MAP
SHALLOW DEPTH
JUNE 2, 2015

JOB NO. 6121-09-0444 FIGURE 6

PREPARED BY/DATE CKB 6/23/2015 CHECKED BY/DATE SRF 6/23/2015

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MEAN

WAYNESBORO BY-PASS
(R/W VARIES)

EASTSIDE
(MILLS ROAD)

(R/W VARIES)

201.00'

101.12'

103.05'

200.00'

ALIGNMENT OF FORMER
DRAINAGE SWALE

SEPTIC
FIELD

MW-3

MW-9

CONCRETE

UNDEVELOPED LAND
(BURKE COUNTY
DEVELOPMENT
AUTHORITY)

BURKE COUNTY DEVELOPMENT AUTHORITY

MW-10

CONCRETE

MW-17

289

399.71'

MW-16

1-S METAL BLDG.

291

290

288

504'

468'

PZ-4

S 03°50'19"W 1289.76'

MW-8
(DESTROYED)

50' R/W

MW-12

SYNERGY GROUP, LLC

OW TOWN ROAD

DAVIS ROAD

CONCRETE

(297.11)

PZ-6

FORMER
DECREASER
PITS AREA

MW-19

(286.17)

MW-2

275.74'

PZ-5

150'

MW-11

HELENA CHEMICALS
(DRY FERTILIZERS)

MW-13

MW-4

MW-18

(287.84)

1-S METAL
BLDG.

PZ-2

MW-7

MW-1

MW-15

MW-14

(288.17)

MW-6

FORMER GEORGIA POWER CO.
SUBSTATION

RAILROAD SPUR TRACK

196.30'

MW-5

348.46'

S&A RAILROAD (MAIN LINE)

50' R/W

LEGEND OF FORMER INVESTIGATIONS

MW-6	MONITORING WELL/AMEC 2002, 2010 2014
MW-4	DEEP, TYPE III MONITORING WELL, MACTEC 2002
PZ-1	GEOPROBE CONVERTED TO, PIEZOMETER MACTEC 2002
(294.84)	WATER TABLE ELEVATION USED TO ESTABLISH POTENTIOMETRIC CONTOUR
MW-8	WELL COULD NOT BE LOCATED

SCALE IN FEET

0 100 200

BASE MAP: PREPARED BY
STEVE BARGERON & ASSOCIATES;
WAYNESBORO, GEORGIA

LEGION INDUSTRIES FACILITY
WAYNESBORO, GEORGIA

amec foster wheeler
Environment & Infrastructure, Inc.
1075 BIG SHANTY ROAD, NW, SUITE 100
KENNESAW, GEORGIA 30144 (770) 421-3400

POTENTIOMETRIC SURFACE MAP
INTERMEDIATE DEPTH
JUNE 2, 2015

JOB NO. 6121-09-0444 FIGURE 7

PREPARED BY/DATE CKB 6/23/2015 CHECKED BY/DATE SRF 6/23/2015

SS-7	7/23/2001 3ft	1/27/2010 3ft
VOCs, ug/kg	BRL	BRL
Metals, mg/kg		
Barium	NT	34.7
Chromium	NT	15.8
Lead	NT	9.75
Pesticides, ug/kg	NT	BRL
Herbicides, ug/kg	NT	BRL

DP-1-3'	
VOCs, ug/kg	
Cis-1,2-Dichloroethene	120
Ethylbenzene	53
Isopropylbenzene	14
Trichloroethene	37
Xylenes	420
Metals, mg/kg	
Barium	8.59
Chromium	21.3
Lead	4.88
Pesticides, ug/kg	
4,4'-DDD	32,000
4,4'-DDE	2,800
4,4'-DDT	180,000
Aldrin	1,400
Alpha-BHC	300
Alpha Chlordane	4,300
Delta-BHC	210
Dieldrin	2,800
Endrin	11,000
Endrin Ketone	5,400
Gamma-Chlordane	5,200
Heptachlor	3,300
Heptachlor Epoxide	7,800
Toxaphene	98,000
Herbicides, ug/kg	BRL

DP-4-3'	
VOCs, ug/kg	
Cis-1,2-Dichloroethene	42
Ethylbenzene	330
Isopropylbenzene	14
Toluene	11
Trichloroethene	51
Vinyl Chloride	16
Xylenes	2,200
Metals, mg/kg	
Barium	5
Chromium	12
Pesticides, ug/kg	
4,4'-DDD	470
4,4'-DDE	110
4,4'-DDT	2,300
Aldrin	19
Alpha-BHC	9.1
Alpha Chlordane	250
Beta-BHC	41
Delta-BHC	28
Dieldrin	540
Endrin	320
Endrin Ketone	350
Gamma-BHC	16
Gamma-Chlordane	320
Heptachlor	18
Toxaphene	5,400
Herbicides, ug/kg	BRL

BACKGROUND #1 3'	
VOCs, ug/kg	BRL
Metals, mg/kg	
Barium	7.67
Chromium	17.1

SS-5	7/23/2001 3ft	1/27/2010 3ft
VOCs, ug/kg	BRL	BRL
Metals, mg/kg		
Chromium	NT	12.6
Lead	NT	5.36
Pesticides, ug/kg	NT	BRL
Herbicides, ug/kg	NT	BRL

SS-6	7/23/2001 3ft	1/27/2010 3ft
VOCs, ug/kg	BRL	BRL
Metals, mg/kg		
Barium	NT	22.3
Chromium	NT	21.9
Lead	NT	5.81
Pesticides, ug/kg	NT	BRL
Herbicides, ug/kg	NT	BRL

BACKGROUND #2 3'	
VOCs, ug/kg	BRL
Metals, mg/kg	
Barium	8.68
Chromium	21.2
Lead	5.32

PDL-1-3	
VOCs, ug/kg	BRL
Metals, mg/kg	
Barium	14.7
Chromium	21.5
Lead	6.29

SS-4	7/23/2001 3ft	1/27/2010 3ft
VOCs, ug/kg	BRL	BRL
Metals, mg/kg		
Barium	NT	9.96
Chromium	NT	21.6
Lead	NT	6.33
Pesticides, ug/kg	NT	BRL
Herbicides, ug/kg	NT	BRL

DP-2-3'	
VOCs, ug/kg	
Cis-1,2-Dichloroethene	9,800
Ethylbenzene	680,000
Isopropylbenzene	10,000
Toluene	13,000
Trichloroethene	36,000
Xylenes	4,200,000
Metals, mg/kg	
Barium	11
Chromium	16
Lead	4.63
Pesticides, ug/kg	
4,4'-DDD	4,800
4,4'-DDE	690
4,4'-DDT	5,300
Aldrin	43
Alpha-BHC	19
Alpha Chlordane	340
Beta-BHC	19
Delta-BHC	22
Dieldrin	600
Endrin	120
Endrin Ketone	260
Gamma-BHC	28
Gamma-Chlordane	300
Heptachlor	28
Heptachlor Epoxide	<10
Toxaphene	5,900
Herbicides, ug/kg	BRL

SS-3	7/23/2001 3ft	1/27/2010 3ft
VOCs, ug/kg	BRL	BRL
Metals, mg/kg		
Barium	NT	13.3
Chromium	NT	17.3
Lead	NT	4.84
Pesticides, ug/kg		
Beta-BHC	NT	8.7
Dieldrin	NT	64
Endrin Ketone	NT	11
Gamma-Chlordane	NT	13
Toxaphene	NT	520
Herbicides, ug/kg	NT	BRL

SS-11	11/28/2001 0.5-1ft	1/27/2010 3ft
VOCs, ug/kg		
Trichloroethene	12	12
Cis-1,2-Dichloroethene	10	BRL
Metals, mg/kg		
Barium	NT	10.7
Chromium	NT	19.2
Lead	NT	6.3
Pesticides, ug/kg		
4,4'-DDD	NT	170
4,4'-DDE	NT	46
4,4'-DDT	NT	180
Alpha-BHC	NT	4.3
Alpha Chlordane	NT	29
Beta-BHC	NT	14
Delta-BHC	NT	7.2
Dieldrin	NT	130
Endrin	NT	11
Endrin Ketone	NT	33
Ganma-Chlordane	NT	28
Heptachlor	NT	2.4
Heptachlor Epoxide	NT	12
Toxaphene	NT	520
Herbicides, ug/kg	NT	BRL

SS-8	11/28/2001 0.5-1ft	1/27/2010 3ft
VOCs, ug/kg		
Cis-1,2-Dichloroethene	80	29
Tetrachloroethene	BRL	180
Trichloroethene	51	1900
Vinyl Chloride	BRL	69
Metals, mg/kg		
Chromium	NT	20.2
Pesticides, ug/kg		
4,4'-DDD	NT	5.4
4,4'-DDT	NT	12
Herbicides, ug/kg	NT	BRL

SS-9	11/28/2001 0.5-1ft	1/27/2010 3ft
VOCs, ug/kg		
Trichloroethene	8.9	BRL
Metals, mg/kg		
Barium	NT	5.9
Chromium	NT	15.2
Lead	NT	5.12
Pesticides, ug/kg	NT	BRL
Herbicides, ug/kg	NT	BRL

SS-10	11/28/2001 0.5-1ft	1/27/2010 3ft
VOCs, ug/kg		
Cis-1,2-Dichloroethene	11	29
1,4-Dichlorobenzene	NT	11
Chlorobenzene	NT	38
Trichloroethene	130	5
Metals, mg/kg		
Barium	NT	15
Chromium	NT	27.1
Lead	NT	4.55
Pesticides, ug/kg		
4,4'-DDD	NT	4600
4,4'-DDE	NT	220
4,4'-DDT	NT	6600
Aldrin	NT	120
Alpha Chlordane	NT	230
Beta-BHC	NT	30
Delta-BHC	NT	41
Dieldrin	NT	220
Gamma-Chlordane	NT	560
Herbicides, ug/kg	NT	BRL

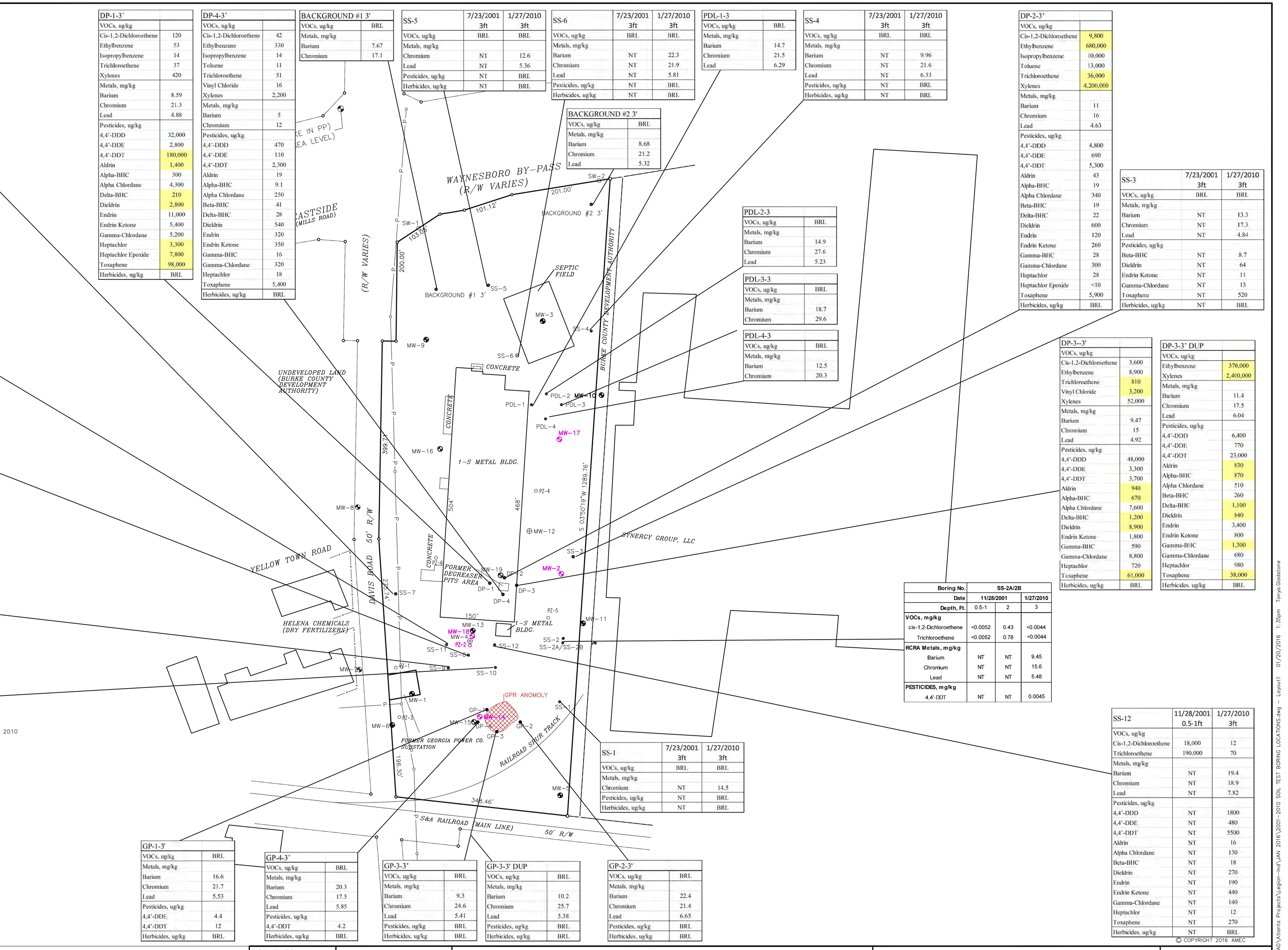
LEGEND

- MW-6 — MONITORING WELL, MACTEC 2000, 2002, 2010
- MW-4 — DEEP, TYPE III MONITORING WELL, MACTEC 2002, 2010
- PZ-1 — GEOPROBE CONVERTED TO, PIEZOMETER MACTEC 2002, 2010
- SW-1 — SURFACE WATER SAMPLE LOCAITON
- SS-1 — SOIL BORING LOCATION
- EXCEEDS LEAST STRINGENT RRS

SCALE IN FEET

0 100 200

BASE MAP: PREPARED BY STEVE BARGERON & ASSOCIATES; WAYNESBORO, GEORGIA



PDL-2-3'	
VOCs, ug/kg	BRL
Metals, mg/kg	
Barium	14.9
Chromium	27.6
Lead	5.23

PDL-3-3'	
VOCs, ug/kg	BRL
Metals, mg/kg	
Barium	18.7
Chromium	29.6

PDL-4-3'	
VOCs, ug/kg	BRL
Metals, mg/kg	
Barium	12.5
Chromium	20.3

SS-1	7/23/2001 3ft	1/27/2010 3ft
VOCs, ug/kg	BRL	BRL
Metals, mg/kg		
Chromium	NT	14.5
Pesticides, ug/kg	NT	BRL
Herbicides, ug/kg	NT	BRL

GP-1-3'	
VOCs, ug/kg	BRL
Metals, mg/kg	
Barium	16.6
Chromium	21.7
Lead	5.53
Pesticides, ug/kg	
4,4'-DDE	4.4
4,4'-DDT	12
Herbicides, ug/kg	BRL

GP-4-3'	
VOCs, ug/kg	BRL
Metals, mg/kg	
Barium	20.3
Chromium	17.5
Lead	5.85
Pesticides, ug/kg	
4,4'-DDT	4.2
Herbicides, ug/kg	BRL

GP-3-3'	
VOCs, ug/kg	BRL
Metals, mg/kg	
Barium	9.3
Chromium	24.6
Lead	5.41
Pesticides, ug/kg	BRL
Herbicides, ug/kg	BRL

GP-3-3' DUP	
VOCs, ug/kg	BRL
Metals, mg/kg	
Barium	10.2
Chromium	25.7
Lead	5.38
Pesticides, ug/kg	BRL
Herbicides, ug/kg	BRL

GP-2-3'	
VOCs, ug/kg	BRL
Metals, mg/kg	
Barium	22.4
Chromium	21.4
Lead	6.65
Pesticides, ug/kg	BRL
Herbicides, ug/kg	BRL

DP-3--3'	
VOCs, ug/kg	
Cis-1,2-Dichloroethene	3,600
Ethylbenzene	8,900
Trichloroethene	810
Vinyl Chloride	3,200
Xylenes	52,000
Metals, mg/kg	
Barium	9.47
Chromium	15
Lead	4.92
Pesticides, ug/kg	
4,4'-DDD	48,000
4,4'-DDE	3,300
4,4'-DDT	3,700
Aldrin	940
Alpha-BHC	670
Alpha Chlordane	7,600
Delta-BHC	1,200
Dieldrin	8,900
Endrin Ketone	1,800
Gamma-BHC	590
Gamma-Chlordane	8,800
Heptachlor	720
Toxaphene	61,000
Herbicides, ug/kg	BRL

DP-3-3' DUP	
VOCs, ug/kg	
Ethylbenzene	370,000
Xylenes	2,400,000
Metals, mg/kg	
Barium	11.4
Chromium	17.5
Lead	6.04
Pesticides, ug/kg	
4,4'-DDD	6,400
4,4'-DDE	770
4,4'-DDT	23,000
Aldrin	830
Alpha-BHC	870
Alpha Chlordane	510
Beta-BHC	260
Delta-BHC	1,100
Dieldrin	840
Endrin	3,400
Endrin Ketone	800
Gamma-BHC	1,300
Gamma-Chlordane	680
Heptachlor	980
Toxaphene	38,000
Herbicides. ug/kg	BRL

Boring No.	SS-2A/2B		
Date	11/28/2001		1/27/2010
Depth, Ft.	0.5-1	2	3
VOCs, mg/kg			
cis-1,2-Dichloroethene	<0.0052	0.43	<0.0044
Trichloroethene	<0.0052	0.78	<0.0044
RCRA Metals, mg/kg			
Barium	NT	NT	9.45
Chromium	NT	NT	15.6
Lead	NT	NT	5.48
PESTICIDES, mg/kg			
4,4'-DDT	NT	NT	0.0045

SS-12	11/28/2001 0.5-1ft	1/27/2010 3ft
VOCs, ug/kg		
Cis-1,2-Dichloroethene	18,000	12
Trichloroethene	190,000	70
Metals, mg/kg		
Barium	NT	19.4
Chromium	NT	18.9
Lead	NT	7.82
Pesticides, ug/kg		
4,4'-DDD	NT	1800
4,4'-DDE	NT	480
4,4'-DDT	NT	5500
Aldrin	NT	16
Alpha Chlordane	NT	130
Beta-BHC	NT	18
Dieldrin	NT	270
Endrin	NT	190
Endrin Ketone	NT	440
Gamma-Chlordane	NT	140
Heptachlor	NT	12
Toxaphene	NT	270
Herbicides, ug/kg	NT	BRL

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DESIGNED T. GLADSTONE
DRAWN T. GLADSTONE
CHECKED S. FOLEY
IN CHARGE
DATE 1/7/2016

LEGION INDUSTRIES FACILITY

WAYNESBORO, GEORGIA

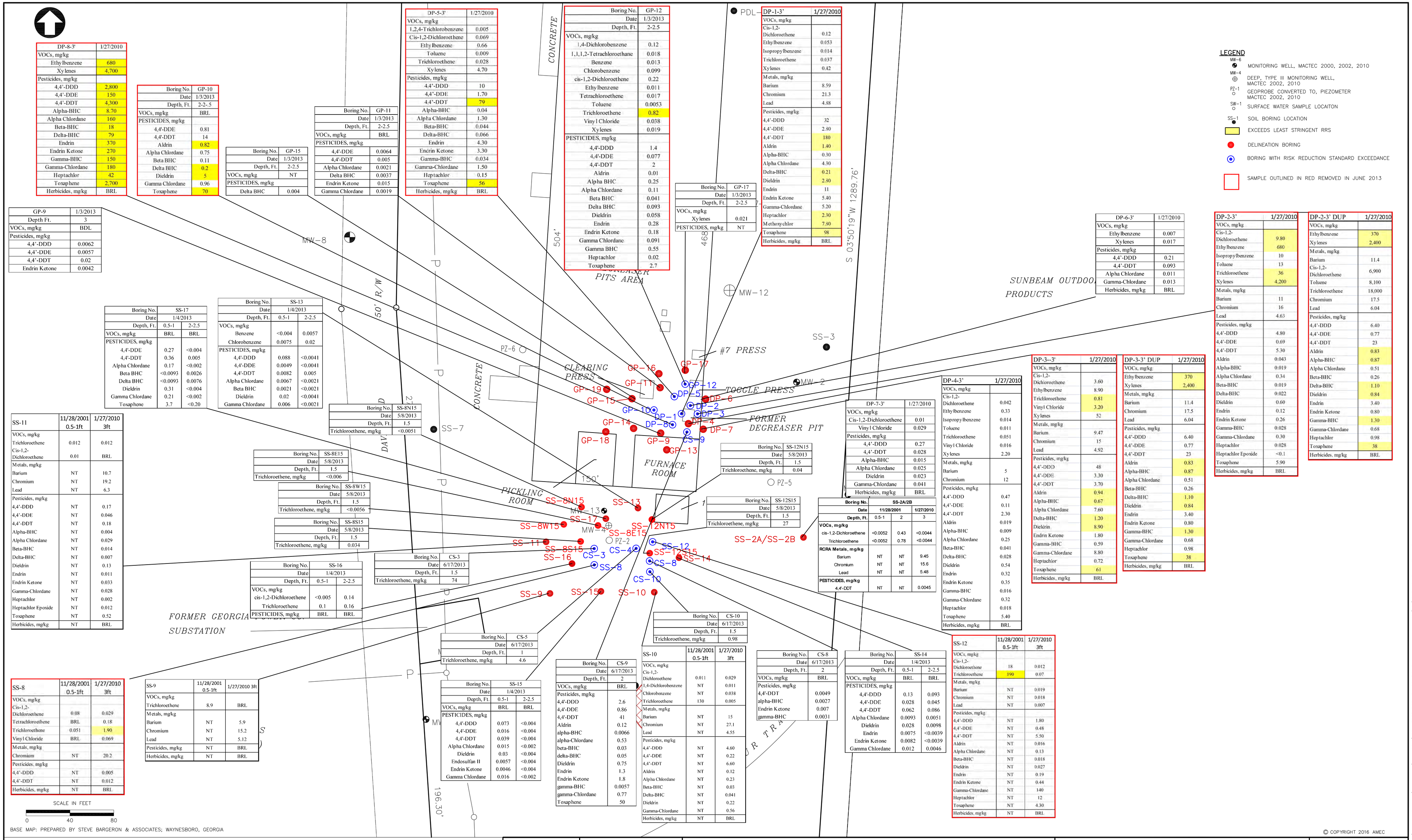
AMEC FOSTER WHEELER
ENVIRONMENT & INFRASTRUCTURE, INC.
1075 BIG SHANTY ROAD, NW, SUITE 100
KENNESAW, GEORGIA 30144 (770) 421-3400

amec foster wheeler

2001/2010 SOIL TESTING RESULTS

SCALE AS SHOWN
CONTRACT 6121-09-0444
DWG. NO. FIG. 8
REV
PAGE NO

J:\Plasters Ave_PLASTERS CAD\Atlanta Projects\Legion-Ind\JAN 2016\2001-2010 SOIL TEST BORING LOCATIONS.dwg — Layout1 01/20/2016 1:35pm Tonyt.Gladstone



DP-8-3'	1/27/2010
VOCs, mg/kg	
Ethylbenzene	680
Xylenes	4,700
Pesticides, mg/kg	
4,4'-DDD	2,800
4,4'-DDE	150
4,4'-DDT	4,300
Alpha-BHC	8.70
Alpha Chlordane	160
Beta-BHC	18
Delta-BHC	79
Endrin	370
Endrin Ketone	270
Gamma-BHC	150
Gamma-Chlordane	180
Heptachlor	42
Toxaphene	2,700
Herbicides, mg/kg	BRL

Boring No.	GP-10
Date	1/3/2013
Depth, Ft.	2-2.5
VOCs, mg/kg	BRL
PESTICIDES, mg/kg	
4,4'-DDE	0.81
4,4'-DDT	14
Aldrin	0.82
Alpha Chlordane	0.75
Beta BHC	0.11
Delta BHC	0.2
Dieldrin	5
Gamma Chlordane	0.96
Toxaphene	70

Boring No.	GP-11
Date	1/3/2013
Depth, Ft.	2-2.5
VOCs, mg/kg	BRL
PESTICIDES, mg/kg	
4,4'-DDE	0.0064
4,4'-DDT	0.005
Alpha Chlordane	0.0021
Delta BHC	0.0037
Endrin Ketone	0.015
Gamma Chlordane	0.0019

Boring No.	GP-15
Date	1/3/2013
Depth, Ft.	2-2.5
VOCs, mg/kg	NT
PESTICIDES, mg/kg	
Delta BHC	0.004

DP-5-3'	1/27/2010
VOCs, mg/kg	
1,2,4-Trichlorobenzene	0.005
Cis-1,2-Dichloroethene	0.069
Ethylbenzene	0.66
Toluene	0.009
Trichloroethene	0.028
Xylenes	4.70
Pesticides, mg/kg	
4,4'-DDD	10
4,4'-DDE	1.70
4,4'-DDT	79
Alpha-BHC	0.04
Alpha Chlordane	1.30
Beta-BHC	0.044
Delta-BHC	0.066
Endrin	4.30
Endrin Ketone	3.30
Gamma-BHC	0.034
Gamma-Chlordane	1.50
Heptachlor	0.15
Toxaphene	56
Herbicides, mg/kg	BRL

Boring No.	GP-12
Date	1/3/2013
Depth, Ft.	2-2.5
VOCs, mg/kg	
1,4-Dichlorobenzene	0.12
1,1,1,2-Tetrachloroethane	0.018
Benzene	0.013
Chlorobenzene	0.099
cis-1,2-Dichloroethene	0.22
Ethylbenzene	0.011
Tetrachloroethene	0.017
Toluene	0.0053
Trichloroethene	0.82
Vinyl Chloride	0.038
Xylenes	0.019
PESTICIDES, mg/kg	
4,4'-DDD	1.4
4,4'-DDE	0.077
4,4'-DDT	2
Aldrin	0.01
Alpha BHC	0.25
Alpha Chlordane	0.11
Beta BHC	0.041
Delta BHC	0.093
Dieldrin	0.058
Endrin	0.28
Endrin Ketone	0.18
Gamma Chlordane	0.091
Gamma BHC	0.55
Heptachlor	0.02
Toxaphene	2.7

Boring No.	GP-17
Date	1/3/2013
Depth, Ft.	2-2.5
VOCs, mg/kg	
Xylenes	0.021
PESTICIDES, mg/kg	NT

DP-1-3'	1/27/2010
VOCs, mg/kg	
Cis-1,2-Dichloroethene	0.12
Ethylbenzene	0.053
Isopropylbenzene	0.014
Trichloroethene	0.037
Xylenes	0.42
Metals, mg/kg	
Barium	8.59
Chromium	21.3
Lead	4.88
Pesticides, mg/kg	
4,4'-DDD	32
4,4'-DDE	2.80
4,4'-DDT	180
Aldrin	1.40
Alpha-BHC	0.30
Alpha Chlordane	4.30
Delta-BHC	0.21
Dieldrin	2.80
Endrin	11
Endrin Ketone	5.40
Gamma-Chlordane	5.20
Heptachlor	2.30
Methoxychlor	7.80
Toxaphene	98
Herbicides, mg/kg	BRL

DP-6-3'	1/27/2010
VOCs, mg/kg	
Ethylbenzene	0.007
Xylenes	0.017
Pesticides, mg/kg	
4,4'-DDD	0.21
4,4'-DDT	0.093
Alpha Chlordane	0.011
Gamma-Chlordane	0.013
Herbicides, mg/kg	BRL

DP-2-3'	1/27/2010
VOCs, mg/kg	
Cis-1,2-Dichloroethene	9.80
Ethylbenzene	680
Isopropylbenzene	10
Toluene	13
Trichloroethene	36
Xylenes	4,200
Metals, mg/kg	
Barium	11
Chromium	16
Lead	4.63
Pesticides, mg/kg	
4,4'-DDD	4.80
4,4'-DDE	0.69
4,4'-DDT	5.30
Aldrin	0.043
Alpha-BHC	0.019
Alpha Chlordane	0.34
Beta-BHC	0.019
Delta-BHC	0.022
Dieldrin	0.60
Endrin	0.12
Endrin Ketone	0.26
Gamma-BHC	0.028
Gamma-Chlordane	0.30
Heptachlor	0.028
Heptachlor Epoxide	<0.1
Toxaphene	5.90
Herbicides, mg/kg	BRL

DP-2-3' DUP	1/27/2010
VOCs, mg/kg	
Ethylbenzene	370
Xylenes	2,400
Metals, mg/kg	
Barium	11.4
Cis-1,2-Dichloroethene	6,900
Toluene	8,100
Trichloroethene	18,000
Chromium	17.5
Lead	6.04
Pesticides, mg/kg	
4,4'-DDD	6.40
4,4'-DDE	0.77
4,4'-DDT	23
Aldrin	0.83
Alpha-BHC	0.87
Alpha Chlordane	0.51
Beta-BHC	0.26
Delta-BHC	1.10
Dieldrin	0.84
Endrin	3.40
Endrin Ketone	0.80
Gamma-BHC	1.30
Gamma-Chlordane	0.68
Heptachlor	0.98
Toxaphene	38
Herbicides, mg/kg	BRL

GP-9	1/3/2013
Depth Ft.	3
VOCs, mg/kg	BDL
Pesticides, mg/kg	
4,4'-DDD	0.0062
4,4'-DDE	0.0057
4,4'-DDT	0.02
Endrin Ketone	0.0042

Boring No.	SS-17	
Date	1/4/2013	
Depth, Ft.	0.5-1	2-2.5
VOCs, mg/kg	BRL	BRL
PESTICIDES, mg/kg		
4,4'-DDE	0.27	<0.004
4,4'-DDT	0.36	0.005
Alpha Chlordane	0.17	<0.002
Beta BHC	<0.0093	0.0026
Delta BHC	<0.0093	0.0076
Dieldrin	0.31	<0.004
Gamma Chlordane	0.21	<0.002
Toxaphene	3.7	<0.20

Boring No.	SS-13	
Date	1/4/2013	
Depth, Ft.	0.5-1	2-2.5
VOCs, mg/kg		
Benzene	<0.004	0.0057
Chlorobenzene	0.0075	0.02
PESTICIDES, mg/kg		
4,4'-DDD	0.088	<0.0041
4,4'-DDE	0.0049	<0.0041
4,4'-DDT	0.0082	0.005
Alpha Chlordane	0.0067	<0.0021
Beta BHC	0.0021	<0.0021
Dieldrin	0.02	<0.0041
Gamma Chlordane	0.006	<0.0021

Boring No.	SS-8N15
Date	5/8/2013
Depth, Ft.	1.5
Trichloroethene, mg/kg	<0.0051

Boring No.	SS-8E15
Date	5/8/2013
Depth, Ft.	1.5
Trichloroethene, mg/kg	<0.006

Boring No.	SS-8W15
Date	5/8/2013
Depth, Ft.	1.5
Trichloroethene, mg/kg	<0.0056

Boring No.	SS-8S15
Date	5/8/2013
Depth, Ft.	1.5
Trichloroethene, mg/kg	0.034

Boring No.	SS-12N15
Date	5/8/2013
Depth, Ft.	1.5
Trichloroethene, mg/kg	0.04

Boring No.	SS-12S15
Date	5/8/2013
Depth, Ft.	1.5
Trichloroethene, mg/kg	27

Boring No.	CS-3
Date	6/17/2013
Depth, Ft.	1.5
Trichloroethene, mg/kg	74

Boring No.	SS-16	
Date	1/4/2013	
Depth, Ft.	0.5-1	2-2.5
VOCs, mg/kg		
cis-1,2-Dichloroethene	<0.005	0.14
Trichloroethene	0.1	0.16
PESTICIDES, mg/kg	BRL	BRL

Boring No.	CS-5
Date	6/17/2013
Depth, Ft.	1
Trichloroethene, mg/kg	4.6

Boring No.	CS-9
Date	6/17/2013
Depth, Ft.	2
VOCs, mg/kg	BRL
Pesticides, mg/kg	
4,4'-DDD	2.6
4,4'-DDE	0.86
4,4'-DDT	41
Aldrin	0.12
alpha-BHC	0.0066
alpha-Chlordane	0.53
beta-BHC	0.03
delta-BHC	0.05
Dieldrin	0.75
Endrin	1.3
Endrin Ketone	1.8
gamma-BHC	0.0057
gamma-Chlordane	0.77
Toxaphene	50

Boring No.	SS-15	
Date	1/4/2013	
Depth, Ft.	0.5-1	2-2.5
VOCs, mg/kg	BRL	BRL
PESTICIDES, mg/kg		
4,4'-DDD	0.073	<0.004
4,4'-DDE	0.016	<0.004
4,4'-DDT	0.039	<0.004
Alpha Chlordane	0.015	<0.002
Dieldrin	0.03	<0.004
Endosulfan II	0.0057	<0.004
Endrin Ketone	0.0046	<0.004
Gamma Chlordane	0.016	<0.002

Boring No.	CS-10
Date	6/17/2013
Depth, Ft.	1.5
Trichloroethene, mg/kg	0.98

Boring No.	CS-8
Date	6/17/2013
Depth, Ft.	2
VOCs, mg/kg	BRL
Pesticides, mg/kg	
4,4'-DDD	0.0049
alpha-BHC	0.0027
Endrin Ketone	0.007
gamma-BHC	0.0031

Boring No.	SS-14	
Date	1/4/2013	
Depth, Ft.	0.5-1	2-2.5
VOCs, mg/kg	BRL	BRL
PESTICIDES, mg/kg		
4,4'-DDD	0.13	0.093
4,4'-DDE	0.028	0.045
4,4'-DDT	0.062	0.086
Alpha Chlordane	0.0093	0.0051
Dieldrin	0.028	0.0098
Endrin	0.0075	<0.0039
Endrin Ketone	0.0082	<0.0039
Gamma Chlordane	0.012	0.0046

SS-11	11/28/2001 0.5-1ft	1/27/2010 3ft
VOCs, mg/kg		
Trichloroethene	0.012	0.012
Cis-1,2-Dichloroethene	0.01	BRL
Metals, mg/kg		
Barium	NT	10.7
Chromium	NT	19.2
Lead	NT	6.3
Pesticides, mg/kg		
4,4'-DDD	NT	0.17
4,4'-DDE	NT	0.046
4,4'-DDT	NT	0.18
Alpha-BHC	NT	0.004
Alpha Chlordane	NT	0.029
Beta-BHC	NT	0.014
Delta-BHC	NT	0.007
Dieldrin	NT	0.13
Endrin	NT	0.011
Endrin Ketone	NT	0.033
Gamma-Chlordane	NT	0.028
Heptachlor	NT	0.002
Heptachlor Epoxide	NT	0.012
Toxaphene	NT	0.52
Herbicides, mg/kg	NT	BRL

SS-8	11/28/2001 0.5-1ft	1/27/2010 3ft
VOCs, mg/kg		
Cis-1,2-Dichloroethene	0.08	0.029
Tetrachloroethene	BRL	0.18
Trichloroethene	0.051	1.90
Vinyl Chloride	BRL	0.069
Metals, mg/kg		
Chromium	NT	20.2
Pesticides, mg/kg		
4,4'-DDD	NT	0.005
4,4'-DDT	NT	0.012
Herbicides, mg/kg	NT	BRL

SS-9	11/28/2001 0.5-1ft	1/27/2010 3ft
VOCs, mg/kg		
Trichloroethene	8.9	BRL
Metals, mg/kg		
Barium	NT	5.9
Chromium	NT	15.2
Lead	NT	5.12
Pesticides, mg/kg	NT	BRL
Herbicides, mg/kg	NT	BRL

SS-10	11/28/2001 0.5-1ft	1/27/2010 3ft
VOCs, mg/kg		
Cis-1,2-Dichloroethene	0.011	0.029
1,4-Dichlorobenzene	NT	0.011
Chlorobenzene	NT	0.038
Trichloroethene	130	0.005
Metals, mg/kg		
Barium	NT	15
Chromium	NT	27.1
Lead	NT	4.55
Pesticides, mg/kg		
4,4'-DDD	NT	4.60
4,4'-DDE	NT	0.22
4,4'-DDT	NT	6.60
Aldrin	NT	0.12
Alpha Chlordane	NT	0.23
Beta-BHC	NT	0.03
Delta-BHC	NT	0.041
Dieldrin	NT	0.22
Gamma-Chlordane	NT	0.56
Herbicides, mg/kg	NT	BRL

DP-7-3'	1/27/2010
VOCs, mg/kg	
Cis-1,2-Dichloroethene	0.01
Vinyl Chloride	0.029
Pesticides, mg/kg	
4,4'-DDD	0.27
4,4'-DDT	0.028
Alpha-BHC	0.015
Alpha Chlordane	0.025
Dieldrin	0.023
Gamma-Chlordane	0.041
Herbicides, mg/kg	BRL

DP-4-3'	1/27/2010
VOCs, mg/kg	
Cis-1,2-Dichloroethene	0.042
Ethylbenzene	0.33
Isopropylbenzene	0.014
Toluene	0.011
Trichloroethene	0.051
Vinyl Chloride	0.016
Xylenes	2.20
Metals, mg/kg	
Barium	5
Chromium	12
Pesticides, mg/kg	
4,4'-DDD	0.47
4,4'-DDE	0.11
4,4'-DDT	2.30
Aldrin	0.019
Alpha-BHC	0.009
Alpha Chlordane	0.25
Beta-BHC	0.041
Delta-BHC	0.028
Dieldrin	0.54
Endrin	0.32
Endrin Ketone	0.35
Gamma-BHC	0.016
Gamma-Chlordane	0.32
Heptachlor	0.018
Toxaphene	5.40
Herbicides, mg/kg	BRL

Boring No.	SS-2A/2B		
Date	11/28/2001		1/27/2010
Depth, Ft.	0.5-1	2	3
VOCs, mg/kg			
cis-1,2-Dichloroethene	<0.0052	0.43	<0.0044
Trichloroethene	<0.0052	0.78	<0.0044
RCRA Metals, mg/kg			
Barium	NT	NT	9.45
Chromium	NT	NT	15.6
Lead	NT	NT	5.48
PESTICIDES, mg/kg			
4,4'-DDT	NT	NT	0.0045

DP-3--3'	1/27/2010
VOCs, mg/kg	
Cis-1,2-Dichloroethene	3.60
Ethylbenzene	8.90
Trichloroethene	0.81
Vinyl Chloride	3.20
Xylenes	52
Metals, mg/kg	
Barium	9.47
Chromium	15
Lead	4.92
Pesticides, mg/kg	
4,4'-DDD	48
4,4'-DDE	3.30
4,4'-DDT	3.70
Aldrin	0.94
Alpha-BHC	0.67
Alpha Chlordane	7.60
Delta-BHC	1.20
Dieldrin	8.90
Endrin Ketone	1.80
Gamma-BHC	0.59
Gamma-Chlordane	8.80
Heptachlor	0.72
Toxaphene	61
Herbicides, mg/kg	BRL

DP-3-3' DUP	1/27/2010
VOCs, mg/kg	
Ethylbenzene	370
Xylenes	2,400
Metals, mg/kg	
Barium	11.4
Chromium	17.5
Lead	6.04
Pesticides, mg/kg	
4,4'-DDD	6.40
4,4'-DDE	0.77
4,4'-DDT	23
Aldrin	0.83
Alpha-BHC	0.87
Alpha Chlordane	0.51
Beta-BHC	0.26
Delta-BHC	1.10
Dieldrin	0.84
Endrin	3.40
Endrin Ketone	0.80
Gamma-BHC	1.30
Gamma-Chlordane	0.68
Heptachlor	0.98
Toxaphene	38
Herbicides, mg/kg	BRL

SS-12	11/28/2001 0.5-1ft	1/27/2010 3ft
VOCs, mg/kg		
Cis-1,2-Dichloroethene	18	0.012
Trichloroethene	190	0.07
Metals, mg/kg		
Barium	NT	0.019
Chromium	NT	0.018
Lead	NT	0.007
Pesticides, mg/kg		
4,4'-DDD	NT	1.80
4,4'-DDE	NT	0.48
4,4'-DDT	NT	5.50
Aldrin	NT	0.016
Alpha Chlordane	NT	0.13
Beta-BHC	NT	0.018
Dieldrin	NT	0.027
Endrin	NT	0.19
Endrin Ketone	NT	0.44
Gamma-Chlordane	NT	140
Heptachlor	NT	12
Toxaphene	NT	4.30
Herbicides, mg/kg	NT	BRL

SCALE IN FEET
0 40 80

BASE MAP: PREPARED BY STEVE BARGERON & ASSOCIATES; WAYNESBORO, GEORGIA

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DESIGNED T. GLADSTONE
DRAWN T. GLADSTONE
CHECKED S. FOLEY
IN CHARGE
DATE 1/7/2016

LEGION INDUSTRIES FACILITY
WAYNESBORO, GEORGIA

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

amec foster wheeler

SOIL TESTING RESULTS USED FOR DELINEATION

SCALE AS SHOWN
CONTRACT 6121-09-0444
DWG. NO. FIG 9
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PAGE NO

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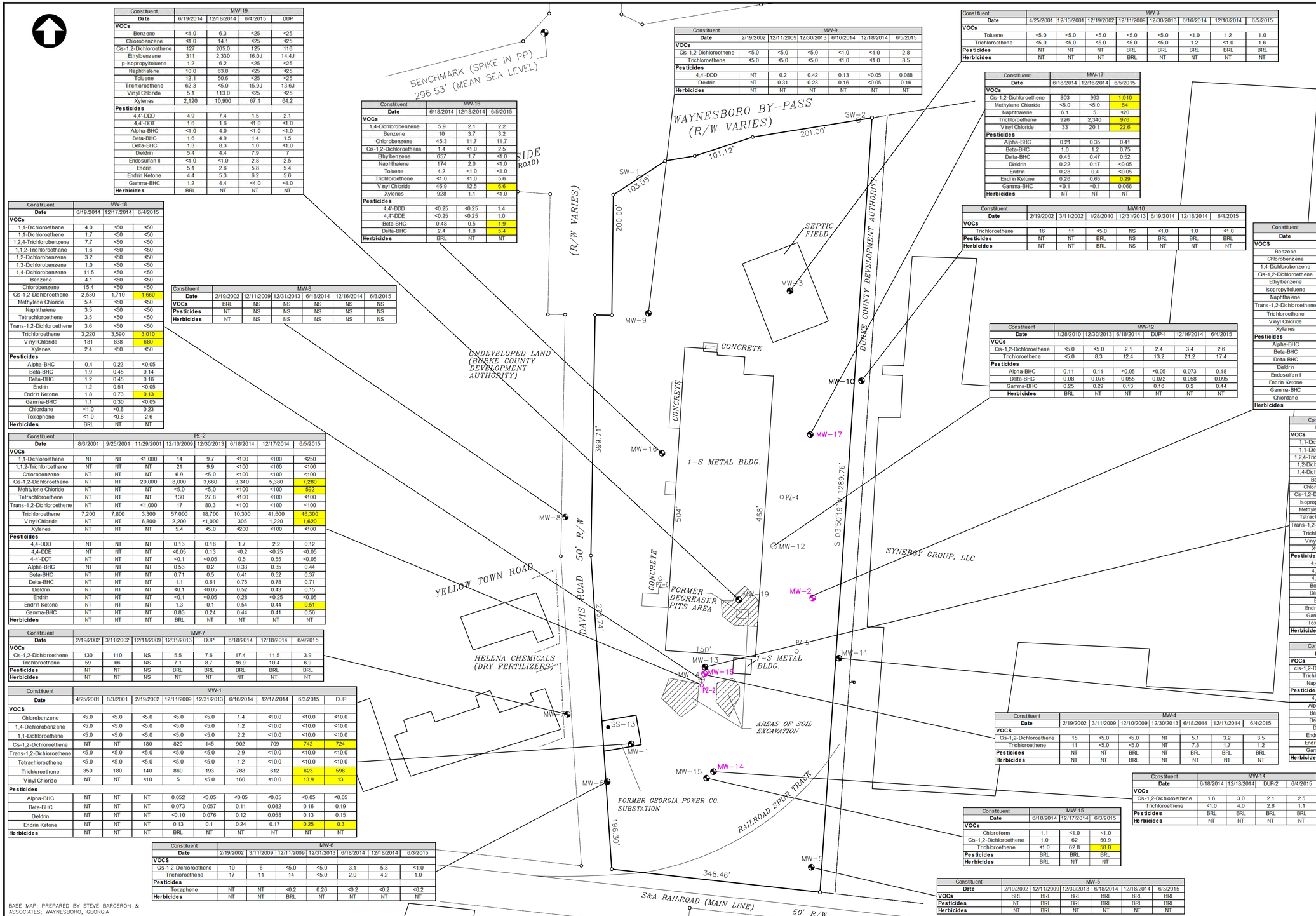

Constituent	MW-19			
Date	6/19/2014	12/18/2014	6/4/2015	DUP
VOCs				
Benzene	<1.0	6.3	<25	<25
Chlorobenzene	<1.0	14.1	<25	<25
Cis-1,2-Dichloroethene	127	205.0	125	116
Ethylbenzene	311	2,330	16.0J	14.4J
p-Isopropyltoluene	1.2	6.2	<25	<25
Naphthalene	10.0	63.8	<25	<25
Toluene	12.1	50.6	<25	<25
Trichloroethene	62.3	<5.0	15.9J	13.6J
Vinyl Chloride	5.1	113.0	<25	<25
Xylenes	2,120	10,900	67.1	64.2
Pesticides				
4,4'-DDD	4.9	7.4	1.5	2.1
4,4'-DDT	1.6	1.6	<1.0	<1.0
Alpha-BHC	<1.0	4.0	<1.0	<1.0
Beta-BHC	1.6	4.9	1.4	1.5
Delta-BHC	1.3	8.3	1.0	<1.0
Dieldrin	5.4	4.4	7.9	7
Endosulfan II	<1.0	<1.0	2.8	2.5
Endrin	5.1	2.6	5.8	5.4
Endrin Ketone	4.4	5.3	6.2	5.6
Gamma-BHC	1.2	4.4	<4.0	<4.0
Herbicides	BRL	NT	NT	NT

Constituent	MW-16		
Date	6/18/2014	12/18/2014	6/5/2015
VOCs			
1,4-Dichlorobenzene	5.9	2.1	2.2
Benzene	10	3.7	3.2
Chlorobenzene	45.3	11.7	11.7
Cis-1,2-Dichloroethene	1.4	<1.0	2.5
Ethylbenzene	657	1.7	<1.0
Naphthalene	174	2.0	<1.0
Toluene	4.2	<1.0	<1.0
Trichloroethene	<1.0	<1.0	5.6
Vinyl Chloride	46.9	12.5	6.6
Xylenes	928	1.1	<1.0
Pesticides			
4,4'-DDD	<0.25	<0.25	1.4
4,4'-DDE	<0.25	<0.25	1.0
Beta-BHC	0.48	0.5	1.9
Delta-BHC	2.4	1.8	5.4
Herbicides	BRL	NT	NT

Constituent	MW-9					
Date	2/19/2002	12/11/2009	12/30/2013	6/16/2014	12/18/2014	6/5/2015
VOCs						
Cis-1,2-Dichloroethene	<5.0	<5.0	<5.0	<1.0	<1.0	2.8
Trichloroethene	<5.0	<5.0	<5.0	<1.0	<1.0	8.5
Pesticides						
4,4'-DDD	NT	0.2	0.42	0.13	<0.05	0.088
Dieldrin	NT	0.31	0.23	0.16	<0.05	0.16
Herbicides	NT	NT	NT	NT	NT	NT

Constituent	MW-3							
Date	4/25/2001	12/13/2001	12/19/2002	12/11/2009	12/30/2013	6/16/2014	12/16/2014	6/5/2015
VOCs								
Toluene	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	1.2	1.0
Trichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	1.2	<1.0	1.6
Pesticides	NT	NT	NT	BRL	BRL	BRL	BRL	BRL
Herbicides	NT	NT	NT	BRL	NT	NT	NT	NT

Constituent	MW-17		
Date	6/18/2014	12/16/2014	6/5/2015
VOCs			
Cis-1,2-Dichloroethene	803	993	1,010
Methylene Chloride	<5.0	<5.0	54
Naphthalene	6.1	5	<20
Trichloroethene	926	2,340	976
Vinyl Chloride	33	20.1	22.6
Pesticides			
Alpha-BHC	0.21	0.35	0.41
Beta-BHC	1.0	1.2	0.75
Delta-BHC	0.45	0.47	0.52
Dieldrin	0.22	0.17	<0.05
Endrin	0.28	0.4	<0.05
Endrin Ketone	0.26	0.65	0.29
Gamma-BHC	<0.1	<0.1	0.066
Herbicides	NT	NT	NT

Constituent	MW-10						
Date	2/19/2002	3/11/2002	1/28/2010	12/31/2013	6/19/2014	12/18/2014	6/4/2015
VOCs							
Trichloroethene	16	11	<5.0	NS	<1.0	1.0	<1.0
Pesticides	NT	NT	BRL	NS	BRL	BRL	BRL
Herbicides	NT	NT	BRL	NS	NT	NT	NT

Constituent	MW-12					
Date	1/28/2010	12/30/2013	6/18/2014	DUP-1	12/16/2014	6/4/2015
VOCs						
Cis-1,2-Dichloroethene	<5.0	<5.0	2.1	2.4	3.4	2.6
Trichloroethene	<5.0	8.3	12.4	13.2	21.2	17.4
Pesticides						
Alpha-BHC	0.11	0.11	<0.05	<0.05	0.073	0.18
Delta-BHC	0.08	0.076	0.055	0.072	0.058	0.095
Gamma-BHC	0.25	0.29	0.13	0.16	0.2	0.44
Herbicides	BRL	NT	NT	NT	NT	NT

Constituent	MW-2						
Date	11/29/2001	2/19/2002	12/11/2009	12/30/2013	6/16/2014	12/16/2014	6/5/2015
VOCS							
Benzene	<5.0	<5.0	<5.0	<5.0	3.9	3.4	3.5
Chlorobenzene	NT	NT	10	8.6	11.8	10.2	12.3
1,4-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	3.0	1.6	2.0
Cis-1,2-Dichloroethene	480	270	430	101	160	77.2	145
Ethylbenzene	<5.0	<5.0	<5.0	<5.0	2.5	1.4	2.3
Isopropyltoluene	<5.0	<5.0	<5.0	<5.0	<1.0	1.6	<1.0
Naphthalene	NT	NT	NT	NT	10.5	<1.0	5.5
Trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	1.1	<1.0	<1.0
Trichloroethene	25	14	5.6	<5.0	2.1	<1.0	2.0
Vinyl Chloride	<40	<20	350	107	159	88.1	120
Xylenes	NT	NT	18	<10	6.1	2.3	7.8
Pesticides							
Alpha-BHC	NT	NT	2	6.4	5.3	7.3	6.5
Beta-BHC	NT	NT	0.49	1.5	<1.0	1.4	<1.2
Delta-BHC	NT	NT	1.8	8.0	8.1	8.7	9.0
Dieldrin	NT	NT	0.5	<1.0	1.8	<1.2	<1.2
Endosulfan I	NT	NT	<0.10	9.0	<1.0	<1.2	<1.2
Endrin Ketone	NT	NT	0.31	<1.0	<1.0	<1.2	<1.2
Gamma-BHC	NT	NT	1.1	2.3	1.9	2.5	2.3
Chlordane	NT	NT	2.22	<1.0	<1.0	<5.0	<5.0
Herbicides	NT	NT	BRL	NT	<1.0	NT	NT

Constituent	MW-13					
Date	1/28/2010	12/30/2013	6/18/2014	12/17/2014	DUP-1	6/4/2015
VOCs						
1,1-Dichloroethene	19	7.6	<20	<20	<50	<50
1,1-Dichloroethene	11	5.3	<20	<20	<50	<50
1,2,4-Trichlorobenzene	51	22	32	<20	<50	<50
1,2-Dichlorobenzene	12	7.8	<20	<20	<50	<50
1,4-Dichlorobenzene	50	42.4	47	41.1	<50	56
Benzene	<5.0	14.6	<20	<20	<50	<50
Chlorobenzene	65	44.7	48.1	36.4	<50	<50
Cis-1,2-Dichloroethene	2,900	1,260	1,120	1,710	1,850	1,030
Isopropylbenzene	7.3	5.2	<20	<20	<50	<50
Methylene Chloride	5.4	<5.0	<40	<40	<100	<50
Tetrachloroethene	19	11.4	<20	<20	<50	<50
Trans-1,2-Dichloroethene	6	32.4	<20	<20	<50	<50
Trichloroethene	8,200	4,320	2,710	4,770	4,460	2,580
Vinyl Chloride	3,300	933	657	516	588	576
Xylenes	9.8	<10.0	<20.0	<20	<50	<50
Pesticides						
4,4'-DDD	2.9	4.2	3.8	3.2	3.9	1.2
4,4'-DDE	<0.5	<1.0	2.3	<1.0	<1.0	<1.0
4,4'-DDT	2.4	8.4	7.6	6.9	8.4	4.0
Beta-BHC	3.7	4.3	4.2	3.7	4.4	2.9
Delta-BHC	2.3	2.5	1.9	1.9	2.2	1.0
Endrin	7.3	8.0	6.0	4.5	5.6	3.2
Endrin Ketone	3.3	4.9	4.0	4.3	5.1	2.8
Gamma-BHC	2	1.8	1.5	1.5	1.5	<1.0
Toxaphene	44	<4.0	<4.0	<4.0	<4.0	<4.0
Herbicides	BRL	NT	NT	NT	NT	NT

Constituent	MW-11					
Date	2/19/2002	1/28/2010	12/31/2013	6/18/2014	12/18/2014	6/3/2015
VOCs						
cis-1,2-Dichloroethene	NT	NT	NS	<1.0	6.2	2.3
Trichloroethene	NT	NT	NS	<1.0	3.4	2.8
Naphthalene	NT	NT	NS	1.0	5.7	2.3
Pesticides						
4,4-DDT	NT	0.15	NS	<0.5	<0.2	<0.5
Alpha-BHC	NT	0.33	NS	0.79	1.0	1.2
Beta-BHC	NT	0.11	NS	<0.5	0.5	<0.5
Delta-BHC	NT	0.35	NS	0.79	1.2	<0.5
Dieldrin	NT	0.72	NS	1.3	0.7	<0.5
Endosulfan II	NT	0.4	NS	<0.5	<0.2	<0.5
Endrin Ketone	NT	2.3	NS	3.0	2.4	3.4
Gamma-BHC	NT	0.22	NS	<0.5	0.42	0.56
Herbicides	NT	NT	NS	NT	NT	NT

Constituent	MW-18		
Date	6/19/2014	12/17/2014	6/4/2015
VOCs			
1,1-Dichloroethane	4.0	<50	<50
1,1-Dichloroethene	1.7	<50	<50
1,2,4-Trichlorobenzene	7.7	<50	<50
1,1,2-Trichloroethane	1.6	<50	<50
1,2-Dichlorobenzene	3.2	<50	<50
1,3-Dichlorobenzene	1.0	<50	<50
1,4-Dichlorobenzene	11.5	<50	<50
Benzene	4.1	<50	<50
Chlorobenzene	15.4	<50	<50
Cis-1,2-Dichloroethene	2,530	1,710	1,660
Methylene Chloride	5.4	<50	<50
Naphthalene	3.5	<50	<50
Tetrachloroethene	3.5	<50	<50
Trans-1,2-Dichloroethene	3.6	<50	<50
Trichloroethene	3,220	3,590	3,010
Vinyl Chloride	181	838	680
Xylenes	2.4	<50	<50
Pesticides			
Alpha-BHC	0.4	0.23	<0.05
Beta-BHC	1.9	0.45	0.14
Delta-BHC	1.2	0.45	0.16
Endrin	1.2	0.51	<0.05
Endrin Ketone	1.8	0.73	0.13
Gamma-BHC	1.1	0.30	<0.05
Chlordane	<1.0	<0.8	0.23
Toxaphene	<1.0	<0.8	2.6
Herbicides	BRL	NT	NT

Constituent	MW-8						
Date	2/19/2002	12/11/2009	12/31/2013	6/18/2014	12/16/2014	6/3/2015	
VOCs	BRL	NS	NS	NS	NS	NS	
Pesticides	NT	NS	NS	NS	NS	NS	
Herbicides	NT	NS	NS	NS	NS	NS	

Constituent	PZ-2							
Date	8/3/2001	9/25/2001	11/29/2001	12/10/2009	12/30/2013	6/18/2014	12/17/2014	6/5/2015
VOCs								
1,1-Dichloroethene	NT	NT	<1,000	14	9.7	<100	<100	<250
1,1,2-Trichloroethane	NT	NT	NT	21	9.9	<100	<100	<100
Chlorobenzene	NT	NT	NT	6.9	<5.0	<100	<100	<100
Cis-1,2-Dichloroethene	NT	NT	20,000	8,000	3,660	3,340	5,380	7,280
Mehtylene Chloride	NT	NT	NT	<5.0	<5.0	<100	<100	592
Tetrachloroethene	NT	NT	NT	130	27.8	<100	<100	<100
Trans-1,2-Dichloroethene	NT	NT	<1,000	17	80.3	<100	<100	<100
Trichloroethene	7,200	7,800	3,300	57,000	18,700	10,300	41,600	46,300
Vinyl Chloride	NT	NT	6,800	2,200	<1,000	305	1,220	1,620
Xylenes	NT	NT	NT	5.4	<5.0	<200	<100	<100
Pesticides								
4,4-DDD	NT	NT	NT	0.13	0.18	1.7	2.2	0.12
4,4-DDE	NT	NT	NT	<0.05	0.13	<0.2	<0.25	<0.05
4-4'-DDT	NT	NT	NT	<0.1	<0.05	0.5	0.55	<0.05
Alpha-BHC	NT	NT	NT	0.53	0.2	0.33	0.35	0.44
Beta-BHC	NT	NT	NT	0.71	0.5	0.41	0.52	0.37
Delta-BHC	NT	NT	NT	1.1	0.61	0.75	0.78	0.71
Dieldrin	NT	NT	NT	<0.1	<0.05	0.52	0.43	0.15
Endrin	NT	NT	NT	<0.1	<0.05	0.28	<0.25	<0.05
Endrin Ketone	NT	NT	NT	1.3	0.1	0.54	0.44	0.51
Gamma-BHC	NT	NT	NT	0.83	0.24	0.44	0.41	0.56
Herbicides	NT	NT	NT	BRL	NT	NT	NT	NT

Constituent	MW-7							
Date	2/19/2002	3/11/2002	12/11/2009	12/31/2013	DUP	6/18/2014	12/18/2014	6/4/2015
VOCs								
Cis-1,2-Dichloroethene	130	110	NS	5.5	7.6	17.4	11.5	3.9
Trichloroethene	59	66	NS	7.1	8.7	16.9	10.4	6.9
Pesticides	NT	NT	NS	BRL	BRL	BRL	BRL	BRL
Herbicides	NT	NT	NS	NT	NT	NT	NT	NT

Constituent	MW-1								
Date	4/25/2001	8/3/2001	2/19/2002	12/11/2009	12/31/2013	6/16/2014	12/17/2014	6/3/2015	DUP
VOCS									
Chlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	1.4	<10.0	<10.0	<10.0
1,4-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	<5.0	1.2	<10.0	<10.0	<10.0
1,1-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	2.2	<10.0	<10.0	<10.0
Cis-1,2-Dichloroethene	NT	NT	180	820	145	902	709	742	724
Trans-1,2-Dichloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	2.9	<10.0	<10.0	<10.0
Tetrachloroethene	<5.0	<5.0	<5.0	<5.0	<5.0	1.2	<10.0	<10.0	<10.0
Trichloroethene	350	180	140	860	193	788	612	623	596
Vinyl Chloride	NT	NT	<10	5	<5.0	160	<10.0	13.9	13
Pesticides									
Alpha-BHC	NT	NT	NT	0.052	<0.05	<0.05	<0.05	<0.05	<0.05
Beta-BHC	NT	NT	NT	0.073	0.057	0.11	0.082	0.16	0.19
Dieldrin	NT	NT	NT	<0.10	0.076	0.12	0.058	0.13	0.15
Endrin Ketone	NT	NT	NT	0.13	0.1	0.24	0.17	0.25	0.3
Herbicides	NT	NT	NT	BRL	NT	NT	NT	NT	NT

Constituent	MW-6							
Date	2/19/2002	3/11/2009	12/11/2009	12/31/2013	6/18/2014	12/18/2014	6/3/2015	
VOCS								
Cis-1,2-Dichloroethene	10	6	<5.0	<5.0	3.1	5.3	<1.0	
Trichloroethene	17	11	14	<5.0	2.0	4.2	1.0	
Pesticides								
Toxaphene	NT	NT	<0.2	0.26	<0.2	<0.2	<0.2	
Herbicides	NT	NT	BRL	NT	NT	NT	NT	

Constituent	MW-4						
Date	2/19/2002	3/11/2009	12/10/2009	12/30/2013	6/18/2014	12/17/2014	6/4/2015
VOCS							
Cis-1,2-Dichloroethene	15	<5.0	<5.0	NT	5.1	3.2	3.5
Trichloroethene	11	<5.0	<5.0	NT	7.8	1.7	1.2
Pesticides	NT	NT	BRL	NT	BRL	BRL	BRL
Herbicides	NT	NT	BRL	NT	NT	NT	NT

Constituent	MW-14			
Date	6/18/2014	12/18/2014	DUP-2	6/4/2015
VOCs				
Cis-1,2-Dichloroethene	1.6	3.0	2.1	2.5
Trichloroethene	<1.0	4.0	2.8	1.1
Pesticides	BRL	BRL	BRL	BRL
Herbicides	NT	NT	NT	NT

Constituent	MW-15		
Date	6/18/2014	12/17/2014	6/3/2015
VOCs			
Chloroform	1.1	<1.0	<1.0
Cis-1,2-Dichloroethene	1.0	62	50.9
Trichloroethene	<1.0	62.8	58.8
Pesticides	BRL	BRL	BRL
Herbicides	BRL	NT	NT

Constituent	MW-5					
Date	2/19/2002	12/11/2009	12/30/2013	6/18/2014	12/18/2014	6/3/2015
VOCs	BRL	BRL	BRL	BRL	BRL	BRL
Pesticides	NT	BRL	BRL	BRL	BRL	BRL
Herbicides	NT	BRL	NT	NT	NT	NT

LEGEND

- MW-6 ◔ MONITORING WELL, MACTEC 2002, 2010, 2014.
- MW-4 ⊕ DEEP, TYPE III MONITORING WELL, MACTEC 2002
- PZ-2 ○ GEOPROBE CONVERTED TO, PIEZOMETER MACTEC 2002
- ● SURFACE WATER SAMPLE LOCATION
- VOCs VOLATILE ORGANIC COMPOUNDS
- BRL BELOW REPORTING LIMIT
- NT NOT TESTED
- NS NOT SAMPLED
- 709.0 MOST RECENT TEST RESULTS EXCEEDS HIGHER OF TYPE 3 OR 4 RRS

ALL RESULTS PRESENTED IN MICROGRAMS PER LITER (UG/L)

SCALE IN FEET
0 80 160

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BASE MAP: PREPARED BY STEVE BARGERON & ASSOCIATES; WAYNESBORO, GEORGIA

REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED S. FOLEY
DRAWN T. GLADSTONE
CHECKED S. FOLEY
IN CHARGE C. FERRY
DATE 1/6/2015

LEGION INDUSTRIES FACILITY
WAYNESBORO, GEORGIA

amec foster wheeler
Environment & Infrastructure, Inc.
1075 BIG SHANTY ROAD, NW, SUITE 100
KENNESAW, GEORGIA 30144 (770) 421–3400

CUMULATIVE SUMMARY OF GROUNDWATER TESTING RESULTS

SCALE AS SHOWN
CONTRACT 6121–09–0444
DWG. NO. FIG 10
REV PAGE NO

J:\Plasters Ave_PLASTERS CAD\Atlanta Projects\Legion-Inc\VOA 2015\CUMULATIVE GW TESTING RESULTS.dwg – Layout1 01/20/2016 1:36pm Tonya.Gladstone

Boring No.	GP-11
Date	1/3/2013
Depth, Ft.	2-2.5
VOCs, mg/kg	BRL
PESTICIDES, mg/kg	
4,4'-DDE	0.0064
4,4'-DDT	0.005
Alpha Chlordane	0.0021
Delta BHC	0.0037
Endrin Ketone	0.015
Gamma Chlordane	0.0019

Boring No.	GP-17
Date	1/3/2013
Depth, Ft.	2-2.5
VOCs, mg/kg	
Xylenes	0.021
PESTICIDES, mg/kg	NT

Boring No.	GP-12
Date	1/3/2013
Depth, Ft.	2-2.5
VOCs, mg/kg	
1,4-Dichlorobenzene	0.12
1,1,1,2-Tetrachloroethane	0.018
Benzene	0.013
Chlorobenzene	0.099
cis-1,2-Dichloroethene	0.22
Ethylbenzene	0.011
Tetrachloroethene	0.017
Toluene	0.0053
Trichloroethene	**0.82**
Vinyl Chloride	0.038
Xylenes	0.019
PESTICIDES, mg/kg	
4,4'-DDD	1.4
4,4'-DDE	0.077
4,4'-DDT	2
Aldrin	0.01
Alpha BHC	0.25
Alpha Chlordane	0.11
Beta BHC	0.041
Delta BHC	0.093
Dieldrin	0.058
Endrin	0.28
Endrin Ketone	0.18
Gamma Chlordane	0.091
Gamma BHC	0.55
Heptachlor	0.02
Toxaphene	2.7

Boring No.	GP-15
Date	1/3/2013
Depth, Ft.	2-2.5
VOCs, mg/kg	NT
PESTICIDES, mg/kg	
Delta BHC	0.004

Boring No.	GP-10
Date	1/3/2013
Depth, Ft.	2-2-.5
VOCs, mg/kg	BRL
PESTICIDES, mg/kg	
4,4'-DDE	0.81
4,4'-DDT	14
Aldrin	**0.82**
Alpha Chlordane	0.75
Beta BHC	0.11
Delta BHC	**0.2**
Dieldrin	**5**
Gamma Chlordane	0.96
Toxaphene	**70**

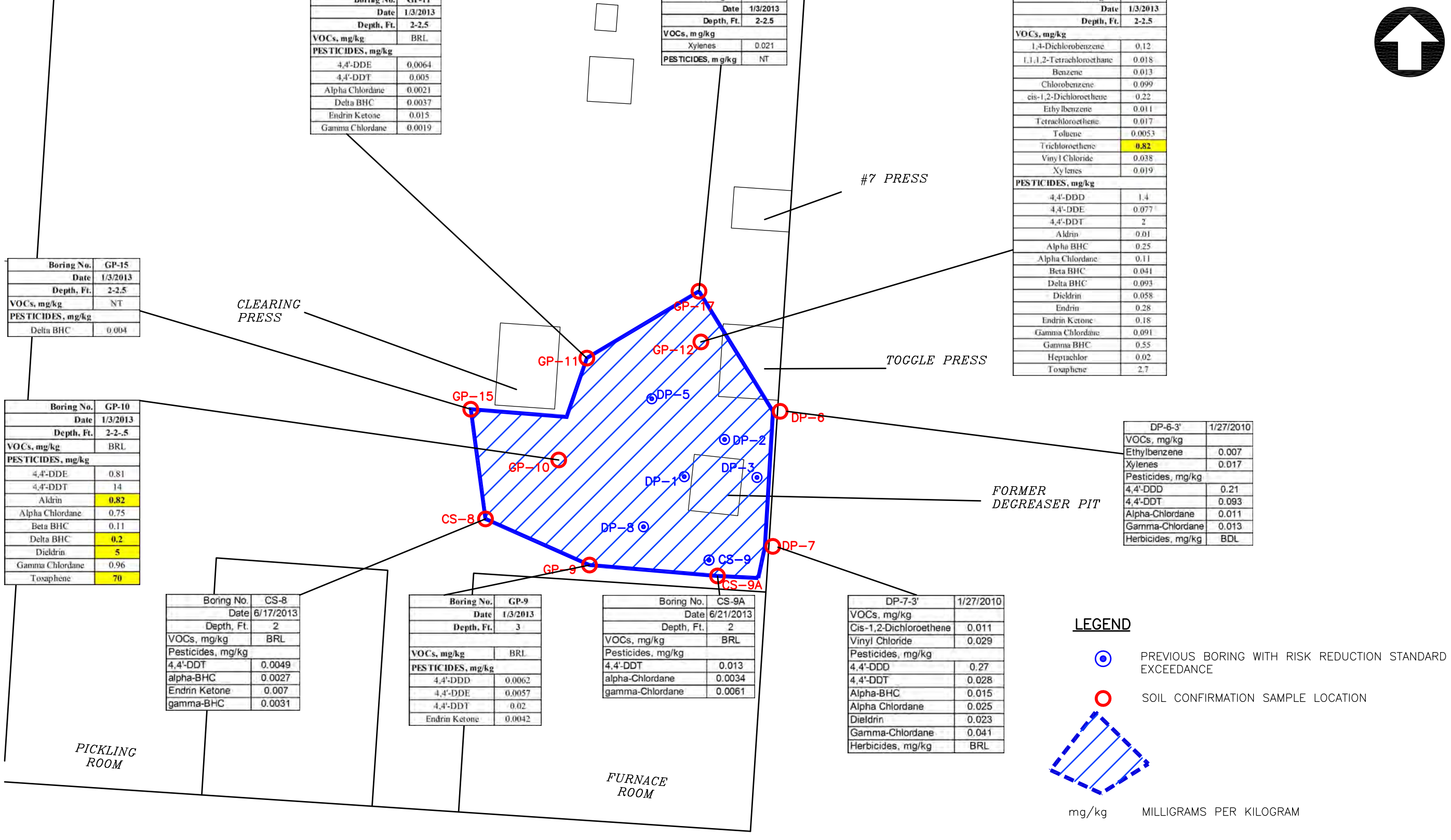
DP-6-3'	1/27/2010
VOCs, mg/kg	
Ethylbenzene	0.007
Xylenes	0.017
Pesticides, mg/kg	
4,4'-DDD	0.21
4,4'-DDT	0.093
Alpha-Chlordane	0.011
Garnma-Chlordane	0.013
Herbicides, mg/kg	BDL

Boring No.	CS-8
Date	6/17/2013
Depth, Ft.	2
VOCs, mg/kg	BRL
Pesticides, mg/kg	
4,4'-DDT	0.0049
alpha-BHC	0.0027
Endrin Ketone	0.007
gamma-BHC	0.0031

Boring No.	GP-9
Date	1/3/2013
Depth, Ft.	3
VOCs, mg/kg	BRL
PESTICIDES, mg/kg	
4,4'-DDD	0.0062
4,4'-DDE	0.0057
4,4'-DDT	0.02
Endrin Ketone	0.0042

Boring No.	CS-9A
Date	6/21/2013
Depth, Ft.	2
VOCs, mg/kg	BRL
Pesticides, mg/kg	
4,4'-DDT	0.013
alpha-Chlordane	0.0034
gamma-Chlordane	0.0061

DP-7-3'	1/27/2010
VOCs, mg/kg	
Cis-1,2-Dichloroethene	0.011
Vinyl Chloride	0.029
Pesticides, mg/kg	
4,4'-DDD	0.27
4,4'-DDT	0.028
Alpha-BHC	0.015
Alpha Chlordane	0.025
Dieldrin	0.023
Gamma-Chlordane	0.041
Herbicides, mg/kg	BRL



LEGEND

- PREVIOUS BORING WITH RISK REDUCTION STANDARD EXCEEDANCE
- SOIL CONFIRMATION SAMPLE LOCATION

mg/kg MILLIGRAMS PER KILOGRAM

SCALE IN FEET

0 20 40

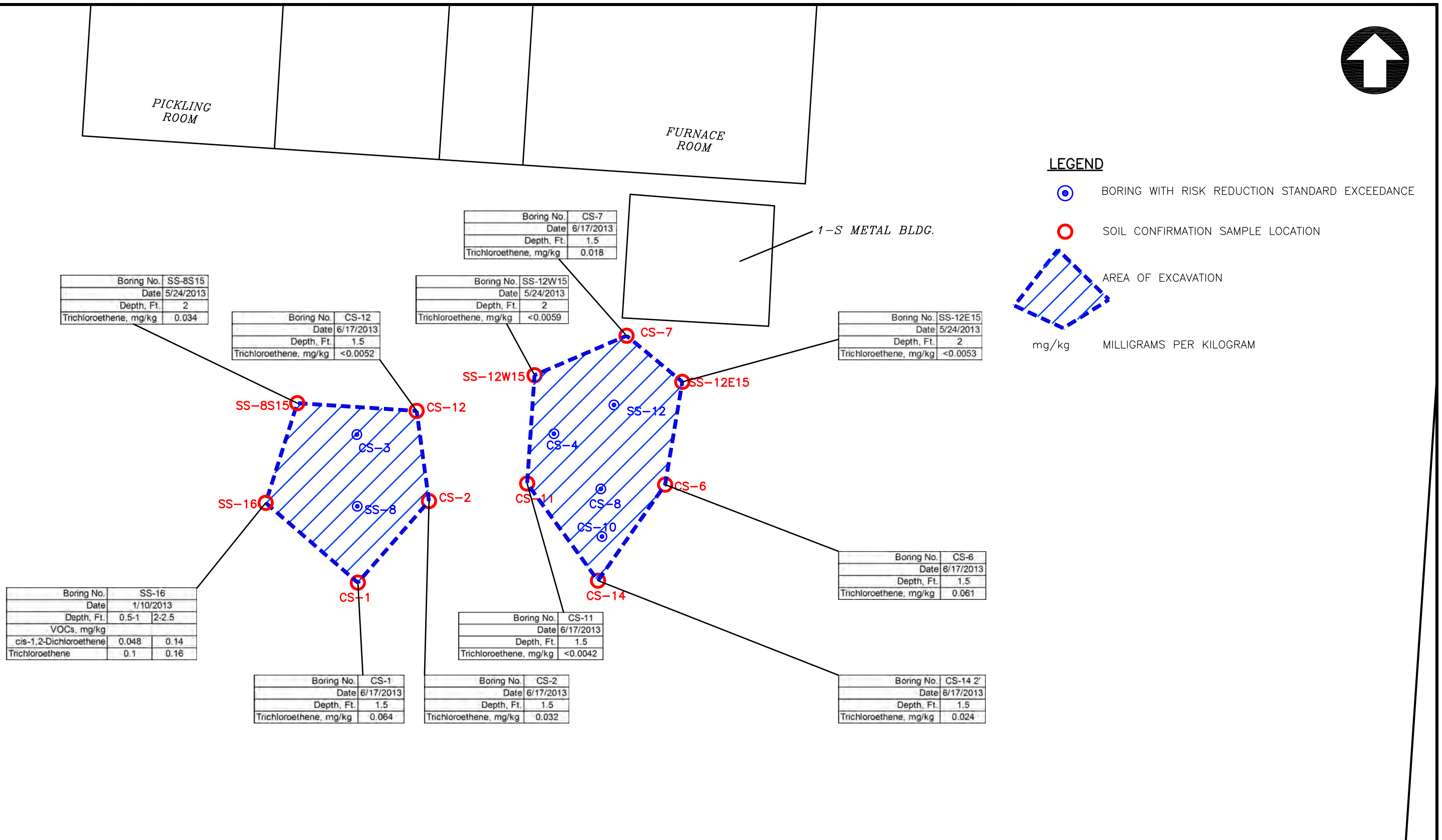
BASE MAP: PREPARED BY STEVE BARGERON & ASSOCIATES; WAYNESBORO, GEORGIA

LEGION INDUSTRIES FACILITY
WAYNESBORO, GA.

Amec Foster Wheeler
Environment & Infrastructure, Inc.
2677 BUFORD HWY
ATLANTA, GEORGIA 30324 (404) 873-4761

SOIL CONFIRMATION DATA
INTERIOR EXCAVATION

JOB No. 6121-09-0444 FIGURE: 11



SCALE IN FEET

0 20 40

BASE MAP: PREPARED BY STEVE BARGERON & ASSOCIATES; WAYNESBORO, GEORGIA

LEGION INDUSTRIES FACILITY
WAYNESBORO, GA.

Amec Foster Wheeler
Environment & Infrastructure, Inc.
2677 BUFORD HWY
ATLANTA, GEORGIA 30324 (404) 873-4761

SOIL CONFIRMATION DATA
EXTERIOR EXCAVATION

JOB No. 6121-09-0444 FIGURE: 12

APPENDIX A
LABORATORY DATA

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S0-07566
Received: 03 NOV 00
Reported: 15 NOV 00

Mr. Mike Ficco
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 090901128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
07566-1	Trip Blank	11-01-00

PARAMETER	07566-1
Volatiles by GC/MS (8260)	
1,1,2,2-Tetrachloroethane, ug/l	<5.0
1,1,1,2-Tetrachloroethane, ug/l	<5.0
Surrogate - Toluene-d8	94 %
Surrogate - 4-Bromofluorobenzene	102 %
Surrogate - Dibromofluoromethane	92 %
Dilution Factor	1
Analysis Date	11.07.00
Batch ID	101107

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S0-07566
Received: 03 NOV 00
Reported: 15 NOV 00

Mr. Mike Ficco
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 090901128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
07566-2	MW-1	11-01-00/15:30
07566-3	MW-3	11-01-00/15:45

PARAMETER	07566-2	07566-3
Volatiles by GC/MS (8260)		
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0
1,1,1,2-Tetrachloroethane, ug/l	<5.0	<5.0
Surrogate - Toluene-d8	98 %	96 %
Surrogate - 4-Bromofluorobenzene	92 %	92 %
Surrogate - Dibromofluoromethane	90 %	86 %
Dilution Factor	1	1
Analysis Date	11.07.00	11.07.00
Batch ID	1O1107	1O1107
Barium (6010), mg/l	0.10	0.031
Dilution Factor	1	1
Prep Date	11.06.00	11.06.00
Analysis Date	11.07.00	11.08.00
Batch ID	1106L	1106L
Cadmium (6010), mg/l	<0.0050	<0.0050
Dilution Factor	1	1
Prep Date	11.06.00	11.06.00
Analysis Date	11.07.00	11.08.00
Batch ID	1106L	1106L

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S0-07566
Received: 03 NOV 00
Reported: 15 NOV 00

Mr. Mike Ficco
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 090901128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
07566-2	MW-1	11-01-00/15:30
07566-3	MW-3	11-01-00/15:45

PARAMETER	07566-2	07566-3
Chromium (6010), mg/l	<0.010	<0.010
Dilution Factor	1	1
Prep Date	11.06.00	11.06.00
Analysis Date	11.07.00	11.08.00
Batch ID	1106L	1106L
Lead (6010), mg/l	<0.0050	<0.0050
Dilution Factor	1	1
Prep Date	11.06.00	11.06.00
Analysis Date	11.07.00	11.08.00
Batch ID	1106L	1106L

SEVERN TRENT SERVICES
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LOG NO: S0-07566
Received: 03 NOV 00
Reported: 15 NOV 00

Mr. Mike Ficco
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 090901128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
07566-4	Method Blank	
07566-5	Lab Control Standard % Recovery	
07566-6	LCS Accuracy Control Limit (%R)	

PARAMETER	07566-4	07566-5	07566-6
Volatiles by GC/MS (8260)			
1,1,2,2-Tetrachloroethane, ug/l	<5.0	---	---
1,1,1,2-Tetrachloroethane, ug/l	<5.0	---	---
Surrogate - Toluene-d8	96 %	96 %	77-122 %
Surrogate - 4-Bromofluorobenzene	96 %	94 %	74-126 %
Surrogate - Dibromofluoromethane	92 %	96 %	70-130 %
Benzene, ug/l	<5.0	98 %	62-135 %
Toluene, ug/l	<5.0	96 %	68-131 %
Chlorobenzene, ug/l	<5.0	94 %	72-127 %
1,1-Dichloroethene, ug/l	<5.0	106 %	46-147 %
Trichloroethene, ug/l	<5.0	88 %	56-143 %
Dilution Factor	1	1	1
Analysis Date	11.07.00	11.07.00	11.07.00
Batch ID	1O1107	1O1107	1O1107
Barium (6010), mg/l	<0.010	91 %	75-125 %
Dilution Factor	1	1	---
Prep Date	11.06.00	11.06.00	---
Analysis Date	11.07.00	11.07.00	---
Batch ID	1106L	1106L	---

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S0-07566
Received: 03 NOV 00
Reported: 15 NOV 00

Mr. Mike Ficco
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 090901128

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
07566-4	Method Blank	
07566-5	Lab Control Standard % Recovery	
07566-6	LCS Accuracy Control Limit (%R)	

PARAMETER	07566-4	07566-5	07566-6
Cadmium (6010), mg/l	<0.0050	88 %	75-125 %
Dilution Factor	1	1	---
Prep Date	11.06.00	11.06.00	---
Analysis Date	11.07.00	11.07.00	---
Batch ID	1106L	1106L	---
Chromium (6010), mg/l	<0.010	90 %	75-125 %
Dilution Factor	1	1	---
Prep Date	11.06.00	11.06.00	---
Analysis Date	11.07.00	11.07.00	---
Batch ID	1106L	1106L	---
Lead (6010), mg/l	<0.0050	89 %	75-125 %
Dilution Factor	1	1	---
Prep Date	11.06.00	11.06.00	---
Analysis Date	11.07.00	11.07.00	---
Batch ID	1106L	1106L	---

SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

Gloria D. Fulwood, Project Manager

Final Page Of Report

Serial Number [illegible]

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Savannah Laboratories
a division of Severn Trent Laboratories, Inc.

⊗	5102 LaRoche Avenue, Savannah, GA 31404	Phone: (912) 354-7858	Fax: (912) 352-0165
○	2846 Industrial Plaza Drive, Tallahassee, FL 32301	Phone: (850) 878-3994	Fax: (850) 878-9504
○	900 Lakeside Drive, Mobile, AL 36693	Phone: (334) 666-6633	Fax: (334) 666-6696
○	6712 Benjamin Rd., Suite 100, Tampa, FL 33634	Phone: (813) 885-7427	Fax: (813) 885-7049

PROJECT REFERENCE: LEGION INDUSTRIES	PROJECT NO.: 12000-9-2129	PROJECT LOCATION (STATE): GA
STL (LAB) PROJECT MANAGER: C Fulwood	P.O. NUMBER:	CONTRACT NO.:
CLIENT (SITE) PM:	CLIENT PHONE:	CLIENT FAX:
CLIENT NAME: LAW ENVIR/ LEGION INDUSTRIES	CLIENT EMAIL:	
CLIENT ADDRESS: 3200 TOWN POINT DR. KENNESAW GA.		
COMPANY CONTRACTING THIS WORK (if applicable):		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ⊗
DATE DUE
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT, ETC)	REQUIRED ANALYSES: 8260 Total Metals *	REQUIRED ANALYSES: HCL HNO3	NUMBER OF CONTAINERS SUBMITTED	REMARKS
11/1/00	—	TRIP BLANK								3 —	
	15:30	MW-1								3 1	
↓	15:45	MW-3								3 1	

* 8260 FOR 1122 - TETRACHLOROETHENE AND 1112 TRICHLOROETHANE ONLY

** METALS FOR BARIUM, CADMIUM, CHROMIUM AND LEAD ONLY

ANY QUESTIONS PLEASE CONTACT MIKE FIELD @ 770-421-3710

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	10/24/00			11/2/00	16:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	10/25/00	10:00	FEDEX # 825134875599	11/2/00	16:00			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL-SL LOG NO.	LABORATORY REMARKS:
	11-1-00	0850	YES / NO		50-07511	

STL SAVANNAH LABORATORY COPY

5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

STL Savannah

LOG NO: S1-12621
Received: 30 APR 01
Reported: 02 MAY 01
Revised: 09 MAY 01

Mr. Mike Ficco
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries/12000-0-2129
Sampled By: Client
Code: 11231059

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
12621-1	MW-3	04-25-01/13:15
12621-2	MW-1	04-25-01/14:00
12621-3	Trip Blank	04-25-01

PARAMETER	12621-1	12621-2	12621-3
Volatiles by GC/MS (8260)			
Trichloroethene, ug/l	<5.0	350	<5.0
Surrogate - Toluene-d8	104 %	106 %	104 %
Surrogate - 4-Bromofluorobenzene	102 %	106 %	104 %
Surrogate - Dibromofluoromethane	100 %	110 %	100 %
Dilution Factor	1	5	1
Analysis Date	05.01.01	05.08.01	05.01.01
Batch ID	1M0501	1A0508	1M0501

5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

STL Savannah

LOG NO: S1-12621
Received: 30 APR 01
Reported: 02 MAY 01
Revised: 09 MAY 01

Mr. Mike Ficco
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries/12000-0-2129
Sampled By: Client
Code: 11231059

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
12621-4	Method Blank	
12621-5	Lab Control Standard % Recovery	
12621-6	LCS Accuracy Control Limit (%R)	
12621-7	Method Blank	
12621-8	Lab Control Standard % Recovery	

PARAMETER	12621-4	12621-5	12621-6	12621-7	12621-8
Volatiles by GC/MS (8260)					
Trichloroethene, ug/l	<5.0	110 %	56-143 %	<5.0	110 %
Surrogate - Toluene-d8	106 %	106 %	77-122 %	108 %	108 %
Surrogate - 4-Bromofluorobenzene	102 %	104 %	74-126 %	106 %	108 %
Surrogate - Dibromofluoromethane	104 %	102 %	70-130 %	106 %	114 %
Dilution Factor	1	1	---	1	1
Analysis Date	05.01.01	05.01.01	---	05.08.01	05.08.01
Batch ID	1M0501	1M0501	---	1A0508	1A0508

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STL Savannah

LOG NO: S1-12621
Received: 30 APR 01
Reported: 02 MAY 01
Revised: 09 MAY 01

Mr. Mike Ficco
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries/12000-0-2129
Sampled By: Client
Code: 11231059

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
12621-9	LCS Accuracy Control Limit (%R)	

PARAMETER	12621-9
Volatiles by GC/MS (8260)	
Trichloroethene, ug/l	56-143 %
Surrogate - Toluene-d8	77-122 %
Surrogate - 4-Bromofluorobenzene	74-126 %
Surrogate - Dibromofluoromethane	70-130 %

SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

Gloria D. Fulwood

Gloria D. Fulwood, Project Manager

Final Page Of Report

Serial Number 02302

SEVERN TRENT SERVICES

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Savannah

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: Legion Ind.	PROJECT NO.: 12000-0-2129	PROJECT LOCATION (STATE): Ga.	
STL (LAB) PROJECT MANAGER: G. Fulwood	P.O. NUMBER:	CONTRACT NO.:	
CLIENT (SITE) PM: Stran Hart	CLIENT PHONE: 770 421 3400	CLIENT FAX: 421 3486	
CLIENT NAME: LAW	CLIENT E-MAIL:		
CLIENT ADDRESS: 3200 Town Point Dr. Kennesaw, GA 30144			
COMPANY CONTRACTING THIS WORK (if applicable)			

PAGE: OF

STANDARD REPORT DELIVERY ◯
DATE DUE:

EXPEDITED REPORT DELIVERY (SURCHARGE) ◯
DATE DUE:

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: TCE	REQUIRED ANALYSIS: 14	NUMBER OF CONTAINERS SUBMITTED	REMARKS
4-25-01	1315	MW-3		X						3	
4-25-01	1400	MW-1		X						3	
		Trip Blank									

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
C. Vargus	4/24/01			4-26-01	1630			
RECEIVED BY: (SIGNATURE) HAPTY COURIER	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
J. Swafford	4/30/01	9:20	YES ✓ NO ◯		51262	

ORIGINAL – RETURN TO LABORATORY WITH SAMPLE(S)

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-13797
Received: 15 JUN 01
Reported: 22 JUN 01
Revised: 19 JUL 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 165510719

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
13797-1	GP-1	06-14-01/08:15
13797-2	GP-2	06-14-01/14:35
13797-3	GP-3	06-14-01/14:00
13797-4	GP-4	06-14-01/13:35
13797-5	GP-5	06-14-01/11:50

PARAMETER	13797-1	13797-2	13797-3	13797-4	13797-5
Volatiles by GC/MS (8260)					
Trichloroethene, ug/l	<5.0	<5.0	<5.0	<5.0	32
Surrogate - Toluene-d8	100 %	104 %	100 %	100 %	102 %
Surrogate - 4-Bromofluorobenzene	94 %	96 %	94 %	98 %	98 %
Surrogate - Dibromofluoromethane	90 %	86 %	84 %	84 %	82 %
Dilution Factor	1	1	1	1	1
Analysis Date	06.20.01	06.20.01	06.20.01	06.20.01	06.20.01
Batch ID	100620	100620	100620	100620	100620

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-13797
Received: 15 JUN 01
Reported: 22 JUN 01
Revised: 19 JUL 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 165510719

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
13797-6	GP-6	06-14-01/09:40
13797-7	GP-7	06-14-01/10:05
13797-8	GP-8	06-14-01/13:05
13797-9	GP-9	06-14-01
13797-10	GP-10	06-14-01/11:15

PARAMETER	13797-6	13797-7	13797-8	13797-9	13797-10
Volatiles by GC/MS (8260)					
Trichloroethene, ug/l	<5.0	<5.0	<5.0	<5.0	170
Surrogate - Toluene-d8	96 %	100 %	102 %	100 %	102 %
Surrogate - 4-Bromofluorobenzene	98 %	96 %	96 %	94 %	94 %
Surrogate - Dibromofluoromethane	82 %	86 %	86 %	84 %	86 %
Dilution Factor	1	1	1	1	2
Analysis Date	06.20.01	06.21.01	06.21.01	06.21.01	06.21.01
Batch ID	100620	100621	100621	100621	100621

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-13797
Received: 15 JUN 01
Reported: 22 JUN 01
Revised: 19 JUL 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 165510719

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
13797-11	Trip Blank	06-14-01

PARAMETER	13797-11
Volatiles by GC/MS (8260)	
Trichloroethene, ug/l	<5.0
Surrogate - Toluene-d8	100 %
Surrogate - 4-Bromofluorobenzene	94 %
Surrogate - Dibromofluoromethane	86 %
Dilution Factor	1
Analysis Date	06.21.01
Batch ID	100621

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-13797
Received: 15 JUN 01
Reported: 22 JUN 01
Revised: 19 JUL 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 165510719

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
13797-12	GP-1	06-14-01/08:05
13797-13	GP-2	06-14-01/14:30
13797-14	GP-3	06-14-01/13:55
13797-15	GP-4	06-14-01/13:30

PARAMETER	13797-12	13797-13	13797-14	13797-15
Volatiles by GC/MS (8260)				
Trichloroethene, ug/kg dw	<5.2	<5.3	<5.4	<5.2
1,1,1,2-Tetrachloroethane, ug/kg dw	<5.2	---	---	---
1,1,2,2-Tetrachloroethane, ug/kg dw	<5.2	---	---	---
Surrogate - Toluene-d8	98 %	96 %	100 %	98 %
Surrogate - 4-Bromofluorobenzene	92 %	98 %	92 %	92 %
Surrogate - Dibromofluoromethane	92 %	94 %	92 %	96 %
Dilution Factor	1	1	1	1
Analysis Date	06.20.01	06.20.01	06.20.01	06.20.01
Batch ID	1M0620	1M0620	1M0620	1M0620
Percent Solids	82	88	83	85

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-13797
Received: 15 JUN 01
Reported: 22 JUN 01
Revised: 19 JUL 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 165510719

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
13797-16	Method Blank	
13797-17	Lab Control Standard % Recovery	
13797-18	LCS Accuracy Control Limit (%R)	

PARAMETER	13797-16	13797-17	13797-18
Volatiles by GC/MS (8260)			
Trichloroethene, ug/l	<5.0	100 %	56-143 %
Surrogate - Toluene-d8	104 %	102 %	77-122 %
Surrogate - 4-Bromofluorobenzene	98 %	94 %	74-126 %
Surrogate - Dibromofluoromethane	86 %	86 %	70-130 %
Dilution Factor	1	1	1
Analysis Date	06.20.01	06.20.01	06.20.01
Batch ID	100620	100620	100620

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-13797
Received: 15 JUN 01
Reported: 22 JUN 01
Revised: 19 JUL 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 165510719

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED
13797-19	Method Blank	
13797-20	Lab Control Standard % Recovery	
13797-21	LCS Accuracy Control Limit (%R)	

PARAMETER	13797-19	13797-20	13797-21
Volatiles by GC/MS (8260)			
Trichloroethene, ug/kg dw	<5.0	102 %	51-146 %
1,1,1,2-Tetrachloroethane, ug/kg dw	<5.0	---	---
1,1,2,2-Tetrachloroethane, ug/kg dw	<5.0	---	---
Surrogate - Toluene-d8	100 %	96 %	64-136 %
Surrogate - 4-Bromofluorobenzene	100 %	96 %	63-135 %
Surrogate - Dibromofluoromethane	94 %	94 %	58-142 %
Dilution Factor	1	1	1
Analysis Date	06.20.01	06.20.01	06.20.01
Batch ID	1M0620	1M0620	1M0620

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

Gloria D. Fulwood, Project Manager

Final Page Of Report

SEVERN TRENT SERVICES

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Savannah

(X) **STL Savannah**
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

( ) Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Legion Industries	12000-0-2129	GA
STL (LAB) PROJECT MANAGER	**P.O. NUMBER**	**CONTRACT NO.**
Gloria Fulwood		
CLIENT (SITE) PM	**CLIENT PHONE**	**CLIENT FAX**
Steve Hart	770 421-3400	770 421-3486
CLIENT NAME	**CLIENT E-MAIL**	
Law		
CLIENT ADDRESS		
3200 Town Point Dr. NW, Ste. 100, Kennesaw, GA 30144		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 2 OF 2

STANDARD REPORT DELIVERY (X)
DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ( )
DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: TCE 8260	REQUIRED ANALYSIS: Ice HCl	NUMBER OF CONTAINERS SUBMITTED	REMARKS
6/14/01		GP-9		X				3	PRESERVATIVE		Test for trichloroethene only by Method 8260 GC/MS
6/14/01	1115	GP-10		X				3			
		Trip blank		X				3			

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	6/6/01			6/14/01	1710			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
	6/8/01		FEDEX FEDEX 828477898124	6/14/01	1710			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	6/15/01	1040	YES ( ) NO ( )		51-13717	

LAB COPY

SEVERN TRENT SERVICES

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Savannah

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Legion Industries	12000-0-2129	GA
STL (LAB) PROJECT MANAGER	**P.O. NUMBER**	**CONTRACT NO.**
Gloria Fulwood		
CLIENT (SITE) PM	**CLIENT PHONE**	**CLIENT FAX**
Steve Hart	770 421-3400	770 421-3486
CLIENT NAME	**CLIENT E-MAIL**	
Law		
CLIENT ADDRESS		
3200 Town Point Dr. NW, Ste 700, Kennesaw, GA 30144		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 2

STANDARD REPORT DELIVERY ⊗
DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: TCE 8260	REQUIRED ANALYSIS: TCE 8260	NUMBER OF CONTAINERS SUBMITTED	REMARKS
								ICE HCl	ICE		
6/14/01	0805	GP-1 soil			X			4	4		Test for trichloroethene (TCE) only by Method 8260 GC/MS for soil and ground water samples.
6/14/01	0815	GP-1 ground water		X				3			
6/14/01	1430	GP-2 soil			X			4	4		
6/14/01	1435	GP-2 ground water		X				3			
6/14/01	1355	GP-3 soil			X			4	4		
6/14/01	1400	GP-3 ground water		X				3			
6/14/01	1330	GP-4 soil			X			4	4		
6/14/01	1335	GP-4 ground water		X				3			Soil Samples not preserved, extract prior to 48-hrs
6/14/01	1150	GP-5		X				3			
6/14/01	0940	GP-6		X				3			
6/14/01	1005	GP-7		X				3			
6/14/01	1305	GP-8		X				3			

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	6/8/01			6/14/01	1710			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
	6/8/01		FEDEX #828477898924	6/14/01	1710			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	6/15/01	1040	YES ○ NO ○		SI-13797	

LAB COPY

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-14658
Received: 24 JUL 01
Reported: 03 AUG 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 15081087

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
14658-1	SS-7	07-23-01/10:30
14658-2	SS-6	07-23-01/11:20
14658-3	SS-5	07-23-01/11:45
14658-4	SS-4	07-23-01/12:00
14658-5	SS-3	07-23-01/13:20

PARAMETER	14658-1	14658-2	14658-3	14658-4	14658-5
Volatile Organic Compounds (8260)					
1,1,1,2-Tetrachloroethane, ug/kg dw	<4.7	<5.4	<5.0	<5.3	<4.5
1,1,2,2-Tetrachloroethane, ug/kg dw	<4.7	<5.4	<5.0	<5.3	<4.5
Trichloroethene, ug/kg dw	<4.7	<5.4	<5.0	<5.3	<4.5
Surrogate - Toluene-d8	100 %	96 %	102 %	98 %	102 %
Surrogate - 4-Bromofluorobenzene	100 %	96 %	100 %	98 %	98 %
Surrogate - Dibromofluoromethane	89 %	94 %	92 %	94 %	91 %
Dilution Factor	1	1	1	1	1
Analysis Date	07.26.01	07.26.01	07.26.01	07.26.01	07.26.01
Batch ID	1M0726	1M0726	1M0726	1M0726	1M0726
Percent Solids	89	86	84	86	86

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-14658
Received: 24 JUL 01
Reported: 03 AUG 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 15081087

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
14658-6	SS-2	07-23-01/13:40
14658-7	SS-1	07-23-01/14:00

PARAMETER	14658-6	14658-7
Volatile Organic Compounds (8260)		
1,1,1,2-Tetrachloroethane, ug/kg dw	<4.7	<4.4
1,1,2,2-Tetrachloroethane, ug/kg dw	<4.7	<4.4
Trichloroethene, ug/kg dw	<180	<4.4
Surrogate - Toluene-d8	100 %	98 %
Surrogate - 4-Bromofluorobenzene	85 %	91 %
Surrogate - Dibromofluoromethane	94 %	91 %
Dilution Factor	1/200	1
Analysis Date	07.26.01	07.26.01
Batch ID	1M0726	1M0726
Percent Solids	85	87

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-14658
Received: 24 JUL 01
Reported: 03 AUG 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 15081087

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED
14658-8	Method Blank	
14658-9	Lab Control Standard % Recovery	
14658-10	LCS Accuracy Control Limit (%R)	

PARAMETER	14658-8	14658-9	14658-10
Volatile Organic Compounds (8260)			
1,1,1,2-Tetrachloroethane, ug/kg dw	<5.0	---	---
1,1,2,2-Tetrachloroethane, ug/kg dw	<5.0	---	---
Trichloroethene, ug/kg dw	<5.0	100 %	51-146 %
Surrogate - Toluene-d8	100 %	102 %	64-136 %
Surrogate - 4-Bromofluorobenzene	100 %	100 %	63-135 %
Surrogate - Dibromofluoromethane	100 %	96 %	58-142 %
Benzene, ug/kg dw	<5.0	104 %	49-142 %
Chlorobenzene, ug/kg dw	<5.0	104 %	66-135 %
1,1-Dichloroethene, ug/kg dw	<5.0	92 %	40-164 %
Toluene, ug/kg dw	<5.0	104 %	38-158 %
Dilution Factor	1	1	---
Analysis Date	07.26.01	07.26.01	---
Batch ID	1M0726	1M0726	---

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

Gloria D. Fulwood

Gloria D. Fulwood, Project Manager

Final Page Of Report

SEVERN TRENT SERVICES

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Savannah

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Legion Industries	12000-0-2129	GA
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Gloria Fulwood		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Steve Hart	770 421-3400	
CLIENT NAME	CLIENT E-MAIL	
LAW		
CLIENT ADDRESS		
3200 Town Point Dr. NW, Ste. 100, Kennesaw GA 30144		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 1

STANDARD REPORT DELIVERY (X)

DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ( )

DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: 8260B	Moisture Content	NUMBER OF CONTAINERS SUBMITTED									REMARKS
								ice	ice										
7/23/01	1030	SS-7	G		X					3	1								Analyze for: trichloroethene, 1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane only
7/23/01	1120	SS-6	G		X					3	1								
7/23/01	1145	SS-5	G		X					3	1								
7/23/01	1200	SS-4	G		X					3	1								
7/23/01	1320	SS-3	G		X					3	1								
7/23/01	1340	SS-2	G		X					3	1								
7/23/01	1400	SS-1	G		X					3	1								Results Attn: Steve Hart CC: Chris Krambis

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Swafford	7/12/01	12:00		7/23/01	1515			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
			8247112 7845	7/23/01	1515			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	7/24/01	9:00	YES (X) NO ( )		SI-14658	

ORIGINAL – RETURN TO LABORATORY WITH SAMPLE(S)

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-14980
Received: 04 AUG 01
Reported: 16 AUG 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 104710816

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
14980-6	GP-19	08-03-01/09:28
14980-7	GP-12	08-03-01/09:41
14980-8	GP-20	08-03-01/10:00
14980-9	GP-14	08-03-01/10:15
14980-10	GP-18	08-03-01/10:35

PARAMETER	14980-6	14980-7	14980-8	14980-9	14980-10
Volatiles by GC/MS (8260)					
Trichloroethene, ug/l	140	610	<5.0	7200	160
Surrogate - Toluene-d8	98 %	98 %	96 %	98 %	92 %
Surrogate - 4-Bromofluorobenzene	96 %	98 %	98 %	98 %	94 %
Surrogate - Dibromofluoromethane	112 %	114 %	114 %	110 %	114 %
Dilution Factor	10	5	1	100	1
Analysis Date	08.14.01	08.14.01	08.14.01	08.14.01	08.14.01
Batch ID	1A0814	1A0814	1A0814	1A0814	1A0814

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-14980
Received: 04 AUG 01
Reported: 16 AUG 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Project: Legion Industries
Sampled By: Client
Code: 104710816

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
14980-11	GP-17	08-03-01/10:55
14980-12	Trip Blank	08-03-01

PARAMETER	14980-11	14980-12
Volatiles by GC/MS (8260)		
Trichloroethene, ug/l	10	<5.0
Surrogate - Toluene-d8	94 %	90 %
Surrogate - 4-Bromofluorobenzene	98 %	96 %
Surrogate - Dibromofluoromethane	108 %	112 %
Dilution Factor	1	1
Analysis Date	08.14.01	08.14.01
Batch ID	1A0814	1A0814

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-16256
Received: 26 SEP 01
Reported: 02 OCT 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129/0002

Project: Legion Industries
Sampled By: Client
Code: 14141102

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
16256-1	GP-21	09-25-01/07:55
16256-2	GP-22	09-25-01/08:10
16256-3	GP-23	09-25-01/08:25
16256-4	GP-24	09-25-01/08:55
16256-5	GP-14	09-25-01/08:40

PARAMETER	16256-1	16256-2	16256-3	16256-4	16256-5
Volatiles by GC/MS (8260)					
Trichloroethene, ug/l	28	830	700	460	7800
Surrogate - Toluene-d8	90 %	90 %	88 %	88 %	88 %
Surrogate - 4-Bromofluorobenzene	96 %	96 %	98 %	98 %	100 %
Surrogate - Dibromofluoromethane	98 %	98 %	100 %	98 %	102 %
Dilution Factor	1	10	10	5	50
Analysis Date	09.28.01	09.28.01	09.28.01	09.28.01	09.28.01
Batch ID	100928	100928	100928	100928	100928

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-16256
Received: 26 SEP 01
Reported: 02 OCT 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129/0002

Project: Legion Industries
Sampled By: Client
Code: 14141102

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
16256-7	Method Blank	
16256-8	Lab Control Standard % Recovery	
16256-9	LCS Accuracy Control Limit (%R)	

PARAMETER	16256-7	16256-8	16256-9
Volatiles by GC/MS (8260)			
Trichloroethene, ug/l	<5.0	100 %	56-143 %
Surrogate - Toluene-d8	88 %	102 %	77-122 %
Surrogate - 4-Bromofluorobenzene	96 %	100 %	74-126 %
Surrogate - Dibromofluoromethane	98 %	104 %	70-130 %
1,1-Dichloroethene, ug/l	<5.0	96 %	46-147 %
Chlorobenzene, ug/l	<5.0	100 %	72-127 %
Benzene, ug/l	<5.0	102 %	62-135 %
Toluene, ug/l	<5.0	104 %	68-131 %
Dilution Factor	1	1	---
Analysis Date	09.28.01	09.28.01	---
Batch ID	100928	100928	---

SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL project manager who signed this test report.

Gloria D. Fulwood

Gloria D. Fulwood, Project Manager

Final Page Of Report

SEVERN TRENT SERVICES

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Savannah

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Legion Industries	12000-0-2129/0002	GA
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Gloria Fulwood		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Steven Hart	770-421-3400	770-421-3486
CLIENT NAME	CLIENT E-MAIL	
LAW Eng. and Env Services		
CLIENT ADDRESS		
3200 Town Point Drive, Kennesaw, GA 30144		
COMPANY CONTRACTING THIS WORK (if applicable)		
Legion Industries		

PAGE 1 OF 1

STANDARD REPORT DELIVERY (●)

DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ( )

DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX TYPE: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: 8260 - TCE	TFE	NUMBER OF CONTAINERS SUBMITTED	REMARKS
9/25/01	755	GP-21	G	✓						3	
9/25/01	810	GP-22	G	✓						3	
9/25/01	825	GP-23	G	✓						3	
9/25/01	855	GP-24	G	✓						3	
9/25/01	840	GP-14	G	✓						3	
		trip blank									

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	9/19/01	3:00	[signature]	9/25/01	1630			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
J. Lewis	9-26-01	9:00	YES (✓) NO ( )		51-16256	

ORIGINAL – RETURN TO LABORATORY WITH SAMPLE(S)

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-17702
Received: 29 NOV 01
Reported: 07 DEC 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 15001127

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
17702-1	SS-8	11-28-01/10:45
17702-2	SS-9	11-28-01/11:50
17702-3	SS-10	11-28-01/12:25
17702-4	SS-11	11-28-01/11:20
17702-5	SS-12	11-28-01/13:45

PARAMETER	17702-1	17702-2	17702-3	17702-4	17702-5
Volatiles by GC/MS (8260)					
Trichloroethene, ug/kg dw	51	8.9	130	12	190000
1,1-Dichloroethane, ug/kg dw	<5.0	<5.4	<5.2	<5.2	<1900
1,2-Dichloroethane, ug/kg dw	<5.0	<5.4	<5.2	<5.2	<1900
1,1-Dichloroethene, ug/kg dw	<5.0	<5.4	<5.2	<5.2	<1900
cis-1,2-Dichloroethene, ug/kg dw	80	<5.4	11	10	18000
trans-1,2-Dichloroethene, ug/kg dw	<5.0	<5.4	<5.2	<5.2	<1900
Vinyl chloride, ug/kg dw	<10	<11	<10	<10	<3800
Chloroethane, ug/kg dw	<10	<11	<10	<10	<3800
Surrogate - Toluene-d8	98 %	98 %	94 %	100 %	91 %
Surrogate - 4-Bromofluorobenzene	110 %	91 %	86 %	90 %	91 %
Surrogate - Dibromofluoromethane	90 %	87 %	86 %	90 %	100 %
Dilution Factor	1	1	1	1	2000
Analysis Date	12.03.01	12.03.01	12.04.01	12.03.01	12.03.01
Batch ID	1M1203	1M1203	1M1204	1M1203	1P1203
Percent Solids	86	88	92	87	91

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-17702
Received: 29 NOV 01
Reported: 07 DEC 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 15001127

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
17702-6	SS-13	11-28-01/14:20
17702-7	SS-2A	11-28-01/14:55
17702-8	SS-2B	11-28-01/15:30

PARAMETER	17702-6	17702-7	17702-8
Volatiles by GC/MS (8260)			
Trichloroethene, ug/kg dw	<5.3	<5.2	780
1,1-Dichloroethane, ug/kg dw	<5.3	<5.2	<190
1,2-Dichloroethane, ug/kg dw	<5.3	<5.2	<190
1,1-Dichloroethene, ug/kg dw	<5.3	<5.2	<190
cis-1,2-Dichloroethene, ug/kg dw	<5.3	<5.2	430
trans-1,2-Dichloroethene, ug/kg dw	<5.3	<5.2	<190
Vinyl chloride, ug/kg dw	<10	<10	<380
Chloroethane, ug/kg dw	<10	<10	<380
Surrogate - Toluene-d8	94 %	96 %	84 %
Surrogate - 4-Bromofluorobenzene	85 %	85 %	77 %
Surrogate - Dibromofluoromethane	89 %	88 %	78 %
Dilution Factor	1	1	200
Analysis Date	12.03.01	12.03.01	12.04.01
Batch ID	1M1203	1M1203	2P1204
Percent Solids	93	86	87

SEVERN TRENT SERVICES
STL Savannah
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LOG NO: S1-17702
Received: 29 NOV 01
Reported: 07 DEC 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 15001127

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
17702-9	Trip Blank	11-28-01

PARAMETER	17702-9
Volatiles by GC/MS (8260)	
Trichloroethene, ug/l	<5.0
1,1-Dichloroethane, ug/l	<5.0
1,2-Dichloroethane, ug/l	<5.0
1,1-Dichloroethene, ug/l	<5.0
cis-1,2-Dichloroethene, ug/l	<5.0
trans-1,2-Dichloroethene, ug/l	<5.0
Vinyl chloride, ug/l	<10
Chloroethane, ug/l	<10
Surrogate - Toluene-d8	98 %
Surrogate - 4-Bromofluorobenzene	94 %
Surrogate - Dibromofluoromethane	96 %
Dilution Factor	1
Analysis Date	12.03.01
Batch ID	1M1203

SEVERN TRENT SERVICES
STL Savannah
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LOG NO: S1-17702
Received: 29 NOV 01
Reported: 07 DEC 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 15001127

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
17702-10	Method Blank	
17702-11	Lab Control Standard % Recovery	
17702-12	LCS Accuracy Control Limit (%R)	

PARAMETER	17702-10	17702-11	17702-12
Volatiles by GC/MS (8260)			
Trichloroethene, ug/l	<5.0	104 %	51-146 %
1,1-Dichloroethane, ug/l	<5.0	---	---
1,2-Dichloroethane, ug/l	<5.0	---	---
1,1-Dichloroethene, ug/l	<5.0	112 %	40-164 %
cis-1,2-Dichloroethene, ug/l	<5.0	---	---
trans-1,2-Dichloroethene, ug/l	<5.0	---	---
Vinyl chloride, ug/l	<10	---	---
Chloroethane, ug/l	<10	---	---
Benzene, ug/l	<5.0	108 %	49-142 %
Toluene, ug/l	<5.0	108 %	38-158 %
Chlorobenzene, ug/l	<5.0	108 %	66-135 %
Surrogate - Toluene-d8	100 %	108 %	64-136 %
Surrogate - 4-Bromofluorobenzene	100 %	110 %	63-135 %
Surrogate - Dibromofluoromethane	104 %	100 %	58-142 %
Dilution Factor	1	1	---
Analysis Date	12.03.01	12.03.01	---
Batch ID	1M1203	1M1203	---

SEVERN TRENT SERVICES
STL Savannah
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LOG NO: S1-17702
Received: 29 NOV 01
Reported: 07 DEC 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 15001127

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED
17702-13	Method Blank	
17702-14	Lab Control Standard % Recovery	
17702-15	LCS Accuracy Control Limit (%R)	

PARAMETER	17702-13	17702-14	17702-15
Volatiles by GC/MS (8260)			
Trichloroethene, ug/kg dw	<5.0	104 %	51-146 %
1,1-Dichloroethane, ug/kg dw	<5.0	---	---
1,2-Dichloroethane, ug/kg dw	<5.0	---	---
1,1-Dichloroethene, ug/kg dw	<5.0	112 %	40-164 %
cis-1,2-Dichloroethene, ug/kg dw	<5.0	---	---
trans-1,2-Dichloroethene, ug/kg dw	<5.0	---	---
Vinyl chloride, ug/kg dw	<10	---	---
Chloroethane, ug/kg dw	<10	---	---
Benzene, ug/kg dw	<5.0	49-142 %	49-142 %
Toluene, ug/kg dw	<5.0	38-158 %	38-158 %
Chlorobenzene, ug/kg dw	<5.0	66-135 %	66-135 %
Surrogate - Toluene-d8	100 %	108 %	64-136 %
Surrogate - 4-Bromofluorobenzene	100 %	110 %	63-135 %
Surrogate - Dibromofluoromethane	104 %	100 %	58-142 %
Dilution Factor	1	1	---
Analysis Date	12.03.01	12.03.01	---
Batch ID	1M1203	1M1203	---

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

Gloria D. Fulwood

Gloria D. Fulwood, Project Manager

SEVERN TRENT SERVICES

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Savannah

(X) STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

( ) Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
LEGION INDUSTRIES	12000-0-2129	GA
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
GLORIA FULLWOOD		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
STEVE HART	(770) 421-3400	(770) 421-3486
CLIENT NAME	CLIENT E-MAIL	
LAW		
CLIENT ADDRESS		
3200 TOWN POINT DRIVE, SUITE 100 KENNESAW, GA 30144		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ( )
DATE DUE_____

EXPEDITED REPORT DELIVERY (SURCHARGE) ( )
DATE DUE_____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED: 8260B 5 mL Encore Sp	NUMBER OF CONTAINERS SUBMITTED: 8260B 125 mL Amber	REMARKS
11/28/01	1045	SS-8	G		X			3	1	
11/28/01	1150	SS-9	G		X			3	1	
11/28/01	1225	SS-10	G		X			3	1	
11/28/01	1120	SS-11	G		X			3	1	
11/28/01	1345	SS-12	G		X			3	1	SAMPLE HAD VERY STRONG SOLVENT ODOR!
11/28/01	1420	SS-13	G		X			3	1	
11/28/01	1455	SS-2A	G		X			3	1	
11/28/01	1530	SS-2B	G		X			3	1	
	*	Trip Blank								

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	11/06/01	1610	Anth W. Eyl	11/28/01	1640			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
Anth W. Eyl	11/21/01	1500						

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	11/29/01	10:00	YES (X) NO ( )		SI-17702	* Received Trip Blank not on COC - analyze per Steven Hart 11-29-01 GFW

ORIGINAL – RETURN TO LABORATORY WITH SAMPLE(S)

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-17745
Received: 30 NOV 01
Reported: 10 DEC 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 154011210

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
17745-1	GP-25	11-29-01/10:10
17745-2	GP-26	11-29-01/12:00
17745-3	GP-27	11-29-01/08:50
17745-4	GP-30	11-29-01/08:20
17745-5	GP-31	11-29-01/07:50

PARAMETER	17745-1	17745-2	17745-3	17745-4	17745-5
Volatiles by GC/MS (8260)					
Trichloroethene, ug/l	<5.0	<10*F65	<5.0	<20	<50
1,1-Dichloroethane, ug/l	<5.0	<10	<5.0	<20	<50
1,2-Dichloroethane, ug/l	<5.0	<10	<5.0	<20	<50
1,1-Dichloroethene, ug/l	<5.0	<10	<5.0	<20	<50
cis-1,2-Dichloroethene, ug/l	<5.0	<10	<5.0	<20	<50
trans-1,2-Dichloroethene, ug/l	<5.0	<10	<5.0	<20	<50
Vinyl chloride, ug/l	<10	<10	<5.0	630	1400
Chloroethane, ug/l	<10	<10	<5.0	<40	<100
Surrogate - Toluene-d8	96 %	100 %	100 %	96 %	98 %
Surrogate - 4-Bromofluorobenzene	90 %	96 %	94 %	94 %	94 %
Surrogate - Dibromofluoromethane	96 %	92 %	82 %	94 %	94 %
Dilution Factor	1	10	5	4	10
Analysis Date	12.04.01	12.07.01	12.04.01	12.04.01	12.05.01
Batch ID	2P1204	1P1207	2P1204	2P1204	1P1205

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-17745
Received: 30 NOV 01
Reported: 10 DEC 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 154011210

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
17745-6	GP-32	11-29-01/10:50
17745-7	GP-18/PZ-1	11-29-01/09:10
17745-8	GP-17/PZ-3	11-29-01/09:30
17745-9	GP-14/PZ-2	11-29-01/10:30
17745-10	MW-2	11-29-01/14:10

PARAMETER	17745-6	17745-7	17745-8	17745-9	17745-10
Volatiles by GC/MS (8260)					
Trichloroethene, ug/l	16000	130	<5.0	3300	25
1,1-Dichloroethane, ug/l	<1000	<20	<5.0	<1000	<20
1,2-Dichloroethane, ug/l	<1000	<20	<5.0	<1000	<20
1,1-Dichloroethene, ug/l	<1000	<20	<5.0	<1000	<20
cis-1,2-Dichloroethene, ug/l	16000	490	<5.0	20000	480
trans-1,2-Dichloroethene, ug/l	<1000	<20	<5.0	<1000	<20
Vinyl chloride, ug/l	6100	<40	<10	6800	<40
Chloroethane, ug/l	<2000	<40	<10	<2000	<40
Surrogate - Toluene-d8	98 %	96 %	98 %	96 %	98 %
Surrogate - 4-Bromofluorobenzene	90 %	92 %	92 %	92 %	92 %
Surrogate - Dibromofluoromethane	96 %	94 %	94 %	96 %	90 %
Dilution Factor	200	4	1	200	4
Analysis Date	12.05.01	12.05.01	12.04.01	12.05.01	12.05.01
Batch ID	1P1205	1P1205	2P1204	1P1205	1P1205

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S1-17745
Received: 30 NOV 01
Reported: 10 DEC 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 154011210

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
17745-11	Method Blank	
17745-12	Lab Control Standard % Recovery	
17745-13	LCS Accuracy Control Limit (%R)	

PARAMETER	17745-11	17745-12	17745-13
Volatiles by GC/MS (8260)			
Trichloroethene, ug/l	<5.0	96 %	56-143 %
1,1-Dichloroethane, ug/l	<5.0	---	---
1,2-Dichloroethane, ug/l	<5.0	---	---
1,1-Dichloroethene, ug/l	<5.0	90 %	46-147 %
cis-1,2-Dichloroethene, ug/l	<5.0	---	---
trans-1,2-Dichloroethene, ug/l	<5.0	---	---
Vinyl chloride, ug/l	<10	---	---
Chloroethane, ug/l	<10	---	---
Surrogate - Toluene-d8	98 %	98 %	77-122 %
Surrogate - 4-Bromofluorobenzene	88 %	92 %	74-126 %
Surrogate - Dibromofluoromethane	92 %	92 %	70-130 %
Toluene, ug/l	<5.0	108 %	68-131 %
Chlorobenzene, ug/l	<5.0	104 %	72-127 %
Benzene, ug/l	<5.0	102 %	62-135 %
Dilution Factor	1	1	---
Analysis Date	12.04.01	12.04.01	---
Batch ID	2P1204	2P1204	---

SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

*F65 = Elevated detection limits were reported due to sample matrix interference which required sample or extract dilution.°

Gloria D. Fulwood, Project Manager

SEVERN TRENT SERVICES

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Savannah

(X) **STL Savannah**
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stlinc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

( ) Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: LEGION INDUSTRIES	PROJECT NO.: 12000-0-2129	PROJECT LOCATION (STATE): GA		
STL (LAB) PROJECT MANAGER: GLORIA FULLWOOD	P.O. NUMBER:	CONTRACT NO.:		
CLIENT (SITE) PM: STEVE HART	CLIENT PHONE: (770) 421-3400	CLIENT FAX: (770) 421-3486		
CLIENT NAME: LAW	CLIENT E-MAIL:			
CLIENT ADDRESS: 3200 TOWN POINT DR. SUITE 100 KENNESAW, GA 30144				
COMPANY CONTRACTING THIS WORK (if applicable):				

PAGE 1 OF 1

STANDARD REPORT DELIVERY ( )
DATE DUE_____

EXPEDITED REPORT DELIVERY (SURCHARGE) ( )
DATE DUE_____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: 8260B 40 mL Vial	REQUIRED ANALYSIS: HCl	NUMBER OF CONTAINERS SUBMITTED	REMARKS
11/29/01	1010	GP-25	G	X						3	
11/29/01	1200	GP-26	G	X						3	
11/29/01	0850	GP 27	G	X						3	
11/29/01	0820	GP-30	G	X						3	
11/29/01	0750	GP-31	G	X						3	
11/29/01	1050	GP-32	G	X						3	
11/29/01	0910	GP-18/PZ-1	G	X						3	
11/29/01	0930	GP-17/PZ-3	G	X						2	ONLY 2 VIALS - NOT ENOUGH WATER IN WELL
11/29/01	1030	GP-14/PZ-2	G	X						3	
11/29/01	1410	MW-2	G	X						3	

RELINQUISHED BY: (SIGNATURE) Swafford	DATE 11/29/01	TIME	RELINQUISHED BY: (SIGNATURE) Anth W. Eyl	DATE 11/29/01	TIME 1530	RELINQUISHED BY: (SIGNATURE)	DATE / TIME
RECEIVED BY: (SIGNATURE) Anth W. Eyl	DATE 11/30/01	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	11/30/01	0925	YES (X) NO ( )		5117745	

ORIGINAL – RETURN TO LABORATORY WITH SAMPLE(S)

5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

STL Savannah

LOG NO: S1-18139
Received: 14 DEC 01
Reported: 18 DEC 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 152411218

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
18139-1	MW-3	12-13-01/10:46

PARAMETER	18139-1
Volatiles by GC/MS (8260)	
Trichloroethene, ug/l	<5.0
1,1-Dichloroethane, ug/l	<5.0
1,2-Dichloroethane, ug/l	<5.0
1,1-Dichloroethene, ug/l	<5.0
cis-1,2-Dichloroethene, ug/l	<5.0
trans-1,2-Dichloroethene, ug/l	<5.0
Vinyl chloride, ug/l	<10
Chloroethane, ug/l	<10
Surrogate - Toluene-d8	102 %
Surrogate - 4-Bromofluorobenzene	96 %
Surrogate - Dibromofluoromethane	90 %
Dilution Factor	1
Analysis Date	12.16.01
Batch ID	1A1216

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STL Savannah

LOG NO: S1-18139
Received: 14 DEC 01
Reported: 18 DEC 01

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 152411218

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
18139-2	Method Blank	
18139-3	Lab Control Standard % Recovery	
18139-4	LCS Accuracy Control Limit (%R)	

PARAMETER	18139-2	18139-3	18139-4
Volatiles by GC/MS (8260)			
Trichloroethene, ug/l	<5.0	106 %	56-143 %
1,1-Dichloroethane, ug/l	<5.0	---	---
1,2-Dichloroethane, ug/l	<5.0	---	---
1,1-Dichloroethene, ug/l	<5.0	116 %	46-147 %
cis-1,2-Dichloroethene, ug/l	<5.0	---	---
trans-1,2-Dichloroethene, ug/l	<5.0	---	---
Vinyl chloride, ug/l	<10	---	---
Chloroethane, ug/l	<10	---	---
Surrogate - Toluene-d8	100 %	102 %	77-122 %
Surrogate - 4-Bromofluorobenzene	96 %	96 %	74-126 %
Surrogate - Dibromofluoromethane	114 %	114 %	70-130 %
Dilution Factor	1	1	---
Analysis Date	12.16.01	12.16.01	---
Batch ID	1A1216	1A1216	---

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

Gloria D. Fulwood

Gloria D. Fulwood, Project Manager

Final Page Of Report

Chain of Custody Record

TRENT SERVICES — Severn Trent Laboratories, Inc.

STL-4124 (1200)

Client: LAW GIBB / LEGION INDUSTRIES	Project Manager: STEVEN HART	Date: 12/13/01	Chain of Custody Number: 072299
Address: 3200 TOWN POINT DR NW SUITE 100	Telephone Number (Area Code)/Fax Number: 770-421-3400	Lab Number:	Page ____ of ____
City: KENNESAW / State: GA / Zip Code: 30144	Site Contact:	Lab Contact:	
Project Name and Location (State): LEGION INDUSTRIES	Carrier/Waybill Number: FEDEX 830722293788		
Contract/Purchase Order/Quote No.:			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 8260B	Special Instructions/ Conditions of Receipt
MW-3	12/13/01	10:46		✓						✓			✓	24 hr Turn Around
														RUSH!

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal: ☐ Return To Client ☑ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other ____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: [signature]	12/13/01	11:15	1. Received By: FEDEX 830722293788	12/13/01	
2. Relinquished By:			2. Received By: [signature]	12/14/01	10:00
3. Relinquished By:			3. Received By:		

Comments: S1-18139

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report. PINK - Field Copy

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S2-40365
Received: 17 JAN 02
Reported: 25 JAN 02

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 152120125

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
40365-1	GP-36/25	01-15-02/16:10
40365-2	GP-36-35	01-16-02/07:40
40365-3	GP-33	01-16-02/08:00
40365-4	GP-34	01-16-02/08:50
40365-5	GP-35	01-16-02/09:15

PARAMETER	40365-1	40365-2	40365-3	40365-4	40365-5
Volatiles by GC/MS (8260)					
Trichloroethene, ug/l	50	15	6.2	<5.0	190
1,1-Dichloroethane, ug/l	<5.0	<5.0	<5.0	<5.0	<10
1,2-Dichloroethane, ug/l	<5.0	<5.0	<5.0	<5.0	<10
1,1-Dichloroethene, ug/l	<5.0	<5.0	<5.0	<5.0	<10
cis-1,2-Dichloroethene, ug/l	200	42	9.6	<5.0	300
trans-1,2-Dichloroethene, ug/l	<5.0	<5.0	<5.0	<5.0	<10
Vinyl chloride, ug/l	40	27	<10	<10	<20
Chloroethane, ug/l	<10	<10	<10	<10	<20
Surrogate - Toluene-d8	96 %	96 %	96 %	96 %	96 %
Surrogate - 4-Bromofluorobenzene	92 %	92 %	92 %	90 %	92 %
Surrogate - Dibromofluoromethane	100 %	100 %	102 %	100 %	102 %
Dilution Factor	1	1	1	1	2
Analysis Date	01.22.02	01.22.02	01.22.02	01.22.02	01.22.02
Batch ID	1B0122	1B0122	1B0122	1B0122	1B0122

SEVERN TRENT SERVICES
STL Savannah
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LOG NO: S2-40365
Received: 17 JAN 02
Reported: 25 JAN 02

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 152120125

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
40365-6	GP-29	01-16-02/09:35
40365-7	Trip Blank	01-16-02

PARAMETER	40365-6	40365-7
Volatiles by GC/MS (8260)		
Trichloroethene, ug/l	<5.0	<5.0
1,1-Dichloroethane, ug/l	<5.0	<5.0
1,2-Dichloroethane, ug/l	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0
cis-1,2-Dichloroethene, ug/l	<5.0	<5.0
trans-1,2-Dichloroethene, ug/l	<5.0	<5.0
Vinyl chloride, ug/l	<10	<10
Chloroethane, ug/l	<10	<10
Surrogate - Toluene-d8	96 %	96 %
Surrogate - 4-Bromofluorobenzene	90 %	90 %
Surrogate - Dibromofluoromethane	100 %	100 %
Dilution Factor	1	1
Analysis Date	01.22.02	01.22.02
Batch ID	1B0122	1B0122

SEVERN TRENT SERVICES

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STL Savannah

LOG NO: S2-40365
Received: 17 JAN 02
Reported: 25 JAN 02

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 152120125

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
40365-8	Method Blank	
40365-9	Lab Control Standard % Recovery	
40365-10	LCS Accuracy Control Limit (%R)	

PARAMETER	40365-8	40365-9	40365-10
Volatiles by GC/MS (8260)			
Trichloroethene, ug/l	<5.0	92 %	56-143 %
1,1-Dichloroethane, ug/l	<5.0	---	---
1,2-Dichloroethane, ug/l	<5.0	---	---
1,1-Dichloroethene, ug/l	<5.0	108 %	46-147 %
cis-1,2-Dichloroethene, ug/l	<5.0	---	---
trans-1,2-Dichloroethene, ug/l	<5.0	---	---
Vinyl chloride, ug/l	<10	---	---
Chloroethane, ug/l	<10	---	---
Surrogate - Toluene-d8	94 %	96 %	77-122 %
Surrogate - 4-Bromofluorobenzene	92 %	92 %	74-126 %
Surrogate - Dibromofluoromethane	100 %	100 %	70-130 %
Benzene, ug/l	<5.0	94 %	62-135 %
Chlorobenzene, ug/l	<5.0	88 %	72-127 %
Toluene, ug/l	<5.0	98 %	68-131 %
Dilution Factor	1	1	---
Analysis Date	01.22.02	01.22.02	---
Batch ID	1B0122	1B0122	---

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

Gloria D. Fulwood

Gloria D. Fulwood, Project Manager

SEVERN TRENT SERVICES

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Savannah

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
LEGION INDUSTRIES	12000-0-2129	GA
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
GLORIA FULWOOD		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
STEVEN HART	770-421-3400	
CLIENT NAME	CLIENT E-MAIL	
LEGION INDUSTRIES		
CLIENT ADDRESS		
370 Mills Rd WAYNSBORO GA 30830		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 1

STANDARD REPORT DELIVERY (X)
DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ( )
DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: 8260B	REQUIRED ANALYSIS: TEMPERATURE	NUMBER OF CONTAINERS SUBMITTED: HCL	NUMBER OF CONTAINERS SUBMITTED: NONE	REMARKS
01/15/02	16:10	GP-36/25	G	✓				3				
01/16/02	7:40	GP-36/35	G	✓				1				
01/16/02	8:00	GP-33	G	✓				3				
01/16/02	8:50	GP-34	G	✓				3				
01/16/02	9:15	GP-35	G	✓				3				
01/16/02	8:35	GP-29	G	✓				3				
		TRIP BLANK	G	✓				3				
		TEMPERATURE WATER	G	✓				1	1			

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	1/10/02	3:10		1/16/02	14:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	1/14/02	15:00	FEDEX 830722293858	1/16/02				

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
J Swafford	1/17/02	12:39	YES ( ) NO ( )		524036 5	

ORIGINAL – RETURN TO LABORATORY WITH SAMPLE(S)

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STL Savannah

LOG NO: S2-41067
Received: 15 FEB 02
Reported: 22 FEB 02

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 145920222

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , SOLID OR SEMISOLID SAMPLES	DATE/ TIME SAMPLED
41067-1	GP-37 (4-5')	02-14-02/10:55

PARAMETER	41067-1
Volatiles by GC/MS (8260)	
Trichloroethene, ug/kg dw	<5.0
1,1-Dichloroethane, ug/kg dw	<5.0
1,2-Dichloroethane, ug/kg dw	<5.0
1,1-Dichloroethene, ug/kg dw	<5.0
cis-1,2-Dichloroethene, ug/kg dw	<5.0
trans-1,2-Dichloroethene, ug/kg dw	<5.0
Vinyl chloride, ug/kg dw	<10
Chloroethane, ug/kg dw	<10
Surrogate - Toluene-d8	92 %
Surrogate - 4-Bromofluorobenzene	80 %
Surrogate - Dibromofluoromethane	90 %
Dilution Factor	1
Analysis Date	02.19.02
Batch ID	1L0219
Percent Solids	92

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S2-41067
Received: 15 FEB 02
Reported: 22 FEB 02

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 145920222

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR SOLID/SEMISOLID	DATE/ TIME SAMPLED
41067-2	Method Blank	
41067-3	Lab Control Standard % Recovery	
41067-4	LCS Accuracy Control Limit (%R)	

PARAMETER	41067-2	41067-3	41067-4
Volatiles by GC/MS (8260)			
Trichloroethene, ug/kg dw	<5.0	90 %	56-143 %
1,1-Dichloroethane, ug/kg dw	<5.0	---	---
1,2-Dichloroethane, ug/kg dw	<5.0	---	---
1,1-Dichloroethene, ug/kg dw	<5.0	90 %	46-147 %
cis-1,2-Dichloroethene, ug/kg dw	<5.0	---	---
trans-1,2-Dichloroethene, ug/kg dw	<5.0	---	---
Vinyl chloride, ug/kg dw	<10	---	---
Chloroethane, ug/kg dw	<10	---	---
Surrogate - Toluene-d8	92 %	94 %	64-136 %
Surrogate - 4-Bromofluorobenzene	90 %	98 %	63-135 %
Surrogate - Dibromofluoromethane	90 %	90 %	58-142 %
Benzene, ug/kg dw	<5.0	92 %	62«r135 %
Chlorobenzene, ug/kg dw	<5.0	92 %	72-127 %
Toluene, ug/kg dw	<5.0	94 %	68-131 %
Dilution Factor	1	1	---
Analysis Date	02.19.02	02.19.02	---
Batch ID	1L0219	1L0219	---

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

Gloria D. Fulwood

Gloria D. Fulwood, Project Manager

SEVERN TRENT SERVICES

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Savannah

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
12000-0-2129	LEGION IND	GA
STL (LAB) PROJECT MANAGER	**P.O. NUMBER**	**CONTRACT NO.**
GLORIA FULLWOOD	12000-0-2129	
CLIENT (SITE) PM	**CLIENT PHONE**	**CLIENT FAX**
TILITHA WILSON / STEVEN HART	770-421-3400	770-421-3486
CLIENT NAME	**CLIENT E-MAIL**	
LAW ENGINEERING		
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ✓

DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ◯

DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: ENCORE 8260	REQUIRED ANALYSIS: 1,2,4 & 1,3,5 8260 BTEX	REMARKS
								NUMBER OF CONTAINERS SUBMITTED		
2-14-02	10.55	GP-37 (4-5')			✓			3	1	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	2/7/02	435		2-14-02	15 00			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
	2/8/02	13:05	FED EX 324 1178970	2-14-02	15.00			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	021502	0842	YES ✓ NO ◯		5241067	

ORIGINAL – RETURN TO LABORATORY WITH SAMPLE(S)

SEVERN TRENT SERVICES

5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

STL Savannah

LOG NO: S2-41161
Received: 20 FEB 02
Reported: 28 FEB 02

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 09232031

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
41161-1	MW-5	02-19-02/07:00
41161-2	MW-6	02-19-02/07:35
41161-3	MW-7	02-19-02/08:10
41161-4	MW-10	02-19-02/08:30
41161-5	MW-11	02-19-02/08:55

PARAMETER	41161-1	41161-2	41161-3	41161-4	41161-5
Volatiles by GC/MS (8260)					
Trichloroethene, ug/l	<5.0	17	59	16	<5.0
1,1-Dichloroethane, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene, ug/l	<5.0	10	130	<5.0	<5.0
trans-1,2-Dichloroethene, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride, ug/l	<10	<10	<10	<10	<10
Chloroethane, ug/l	<10	<10	<10	<10	<10
Surrogate - Toluene-d8	106 %	104 %	100 %	104 %	104 %
Surrogate - 4-Bromofluorobenzene	96 %	98 %	98 %	98 %	96 %
Surrogate - Dibromofluoromethane	120 %	94 %	104 %	92 %	94 %
Dilution Factor	1	1	1	1	1
Analysis Date	02.22.02	02.22.02	02.22.02	02.22.02	02.22.02
Batch ID	1A0222	1A0222	1A0222	1A0222	1A0222

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S2-41161
Received: 20 FEB 02
Reported: 28 FEB 02

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 09232031

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
41161-6	MW-9	02-19-02/09:20
41161-7	MW-3	02-19-02/10:10
41161-8	MW-8	02-19-02/10:40
41161-9	MW-1	02-19-02/11:45
41161-10	MW-2	02-19-02/12:50

PARAMETER	41161-6	41161-7	41161-8	41161-9	41161-10
Volatiles by GC/MS (8260)					
Trichloroethene, ug/l	<5.0	<5.0	<5.0	140	14
1,1-Dichloroethane, ug/l	<5.0	<5.0	<5.0	<5.0	<10
1,2-Dichloroethane, ug/l	<5.0	<5.0	<5.0	<5.0	<10
1,1-Dichloroethene, ug/l	<5.0	<5.0	<5.0	<5.0	<10
cis-1,2-Dichloroethene, ug/l	<5.0	<5.0	<5.0	180	270
trans-1,2-Dichloroethene, ug/l	<5.0	<5.0	<5.0	<5.0	<10
Vinyl chloride, ug/l	<10	<10	<10	<10	<20
Chloroethane, ug/l	<10	<10	<10	<10	<20
Surrogate - Toluene-d8	104 %	104 %	104 %	108 %	94 %
Surrogate - 4-Bromofluorobenzene	98 %	92 %	110 %	100 %	94 %
Surrogate - Dibromofluoromethane	82 %	78 %	92 %	104 %	92 %
Dilution Factor	1	1	1	1	2
Analysis Date	02.22.02	02.22.02	02.22.02	02.22.02	02.27.02
Batch ID	1A0222	1A0222	1A0222	1A0222	1P0227

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S2-41161
Received: 20 FEB 02
Reported: 28 FEB 02

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 09232031

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
41161-11	MW-4	02-19-02/13:10
41161-12	Trip Blank	02-19-02

PARAMETER	41161-11	41161-12
Volatiles by GC/MS (8260)		
Trichloroethene, ug/l	11	<5.0
1,1-Dichloroethane, ug/l	<5.0	<5.0
1,2-Dichloroethane, ug/l	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0
cis-1,2-Dichloroethene, ug/l	15	<5.0
trans-1,2-Dichloroethene, ug/l	<5.0	<5.0
Vinyl chloride, ug/l	<10	<10
Chloroethane, ug/l	<10	<10
Surrogate - Toluene-d8	96 %	110 %
Surrogate - 4-Bromofluorobenzene	88 %	100 %
Surrogate - Dibromofluoromethane	108 %	86 %
Dilution Factor	1	1
Analysis Date	02.28.02	02.26.02
Batch ID	1B0228	1A0226

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S2-41161
Received: 20 FEB 02
Reported: 28 FEB 02

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-O-2129

Project: Legion Industries
Sampled By: Client
Code: 09232031

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
41161-13	Method Blank	
41161-14	Lab Control Standard % Recovery	
41161-15	LCS Accuracy Control Limit (%R)	

PARAMETER	41161-13	41161-14	41161-15
Volatiles by GC/MS (8260)			
Trichloroethene, ug/l	<5.0	98 %	56-143 %
1,1-Dichloroethane, ug/l	<5.0	---	---
1,2-Dichloroethane, ug/l	<5.0	---	---
1,1-Dichloroethene, ug/l	<5.0	100 %	46-147 %
cis-1,2-Dichloroethene, ug/l	<5.0	---	---
trans-1,2-Dichloroethene, ug/l	<5.0	---	---
Vinyl chloride, ug/l	<10	---	---
Chloroethane, ug/l	<10	---	---
Surrogate - Toluene-d8	104 %	108 %	77-122 %
Surrogate - 4-Bromofluorobenzene	100 %	98 %	74-126 %
Surrogate - Dibromofluoromethane	100 %	104 %	70-130 %
1,1-Dichloroethene, ug/l	<5.0	---	---
Benzene, ug/l	<5.0	102 %	62-135 %
Chlorobenzene, ug/l	<5.0	104 %	72-127 %
Toluene, ug/l	<5.0	108 %	68-131 %
Dilution Factor	1	1	---
Analysis Date	02.22.02	02.22.02	---
Batch ID	1A0222	1A0222	---

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S2-41161
Received: 20 FEB 02
Reported: 28 FEB 02

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 09232031

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
41161-13	Method Blank	
41161-14	Lab Control Standard % Recovery	
41161-15	LCS Accuracy Control Limit (%R)	

PARAMETER	41161-13	41161-14	41161-15

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

Gloria D. Fulwood

Gloria D. Fulwood, Project Manager

Final Page Of Report

Serial Number 124170

SL SAVANNAH LABORATORIES & ENVIRONMENTAL SERVICES, INC.

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

☑ 5102 LaRoche Avenue, Savannah, GA 31404 — Phone: (912) 354-7858 — Fax: (912) 352-0165
☐ 2846 Industrial Plaza Drive, Tallahassee, FL 32301 — Phone: (904) 878-3994 — Fax: (904) 878-9504
☐ 414 SW 12th Avenue, Deerfield Beach, FL 33442 — Phone: (954) 421-7400 — Fax: (954) 421-2584
☐ 900 Lakeside Drive, Mobile, AL 36693 — Phone: (334) 666-6633 — Fax: (334) 666-6696
☐ 6712 Benjamin Road, Suite 100, Tampa, FL 33634 — Phone: (813) 885-7427 — Fax: (813) 885-7049
☐ 100 Alpha Drive, Suite 110, Destrehan, LA 70047 — Phone: (504) 764-1100 — Fax: (504) 725-1163

ATTN: GLORIA FULLWOOD

PROJECT REFERENCE	PROJECT NO.	P.O. NUMBER
LEGION IND		12000-0-2129

PROJECT LOC. (State)	SAMPLER(s) NAME	PHONE	FAX
GA	THOMAS M. KELLER	770-421-3400	770-421-3486

CLIENT NAME	CLIENT PROJECT MANAGER
LAW ENG & ENV	TILITHA WILSON / STEVEN HART

CLIENT ADDRESS (CITY, STATE, ZIP): 3200 TOWNPOINT DR, KENNESAW, GA 30144

PAGE 1 OF 1

☑ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due:

SAMPLE DATE	SAMPLE TIME	SL NO.	SAMPLE IDENTIFICATION	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (oil, solvent, etc)	REQUIRED ANALYSES: 8260 TCE and degradation products only!	NUMBER OF CONTAINERS SUBMITTED	REMARKS
2-19-02	07:00		MW-5	3				3	3	
	07:35		MW-6	3				3	3	
	08:10		MW-7	3				3	3	
	08:30		MW-10	3				3	3	
	08:55		MW-11	3				3	3	
	09:20		MW-9	3				3	3	
	10:10		MW-3	3				3	3	
	10:40		MW-8	3				3	3	
	11:45		~~MW-2~~ MW-1	3				3	3	
	12:50		~~MW-4~~ MW-2	3				3	3	
	13:10		~~MW-1~~ MW-4	3				3	3	
	N/A		TRIP BLANK	3				3	3	
			~~TRIP~~							

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
				2-19-02	15:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	2-18-02		FED EX #803097540972	2-19-02	15:00			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SL LOG NO.	LABORATORY REMARKS:
J Swafford	2/20/02	8:40	☑ YES ☐ NO		5241161	

ORIGINAL

SEVERN TRENT SERVICES

5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

STL Savannah

LOG NO: S2-41723
Received: 12 MAR 02
Reported: 15 MAR 02

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project : Legion Industries
Sampled By: Client
Code: 090120315

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
41723-1	MW-4	03-11-02/13:30
41723-2	MW-6	03-11-02/14:08
41723-3	MW-10	03-11-02/14:50
41723-4	MW-7	03-11-02/14:30
41723-5	Trip Blank	03-11-02

PARAMETER	41723-1	41723-2	41723-3	41723-4	41723-5
Volatiles by GC/MS (8260)					
Trichloroethene, ug/l	<5.0	11	: 11	66	<5.0
1,1-Dichloroethane, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene, ug/l	<5.0	6.0	<5.0	110	<5.0
trans-1,2-Dichloroethene, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride, ug/l	<10	<10	<10	<10	<10
Chloroethane, ug/l	<10	<10	<10	<10	<10
Surrogate - Toluene-d8	98 %	98 %	100 %	98 %	98 %
Surrogate - 4-Bromofluorobenzene	86 %	84 %	84 %	86 %	86 %
Surrogate - Dibromofluoromethane	102 %	104 %	104 %	102 %	104 %
Dilution Factor	1	1	1	1	1
Analysis Date	03.14.02	03.14.02	03.14.02	03.14.02	03.14.02
Batch ID	1B0314	1B0314	1B0314	1B0314	1B0314

SEVERN TRENT SERVICES
STL Savannah
5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.stl-inc.com

LOG NO: S2-41723
Received: 12 MAR 02
Reported: 15 MAR 02

Mr. Steven Hart
Law Engineering and Environmental Services/Remediation Group
3200 Town Point Drive, Suite 100
Kennesaw, GA 30144

Cl Project No: 12000-0-2129

Project: Legion Industries
Sampled By: Client
Code: 090120315

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
41723-6	Method Blank	
41723-7	Lab Control Standard % Recovery	
41723-8	LCS Accuracy Control Limit (%R)	

PARAMETER	41723-6	41723-7	41723-8
Volatiles by GC/MS (8260)			
Trichloroethene, ug/l	<5.0	100 %	56-143 %
1,1-Dichloroethane, ug/l	<5.0	---	---
1,2-Dichloroethane, ug/l	<5.0	---	---
1,1-Dichloroethene, ug/l	<5.0	112 %	46-147 %
cis-1,2-Dichloroethene, ug/l	<5.0	---	---
trans-1,2-Dichloroethene, ug/l	<5.0	---	---
Vinyl chloride, ug/l	<10	---	---
Chloroethane, ug/l	<10	---	---
Surrogate - Toluene-d8	98 %	98 %	77-122 %
Surrogate - 4-Bromofluorobenzene	88 %	92 %	74-126 %
Surrogate - Dibromofluoromethane	106 %	106 %	70-130 %
Toluene, ug/l	<5.0	104 %	104 %
Chlorobenzene, ug/l	<5.0	100 %	72-127 %
Benzene, ug/l	<5.0	108 %	108 %
Dilution Factor	1	1	---
Analysis Date	03.14.02	03.14.02	---
Batch ID	1B0314	1B0314	---

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

Gloria D. Fulwood

Gloria D. Fulwood, Project Manager

SEVERN TRENT SERVICES

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Savannah

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
LEGION IND.	12000-0-2129	GA
STL (LAB) PROJECT MANAGER	**P.O. NUMBER**	**CONTRACT NO.**
GLORIA FULLWOOD		
CLIENT (SITE) PM	**CLIENT PHONE**	**CLIENT FAX**
TILITHA WILSON / STEVEN HART	770-421-3406	770-421-3486
CLIENT NAME	**CLIENT E-MAIL**	
LAW ENGINEERING		
CLIENT ADDRESS		
3200 TOWN POINT DR NW SUITE 100 KENNESAW GA 30144		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ( )

DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) (✓)

DATE DUE 24 hr

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	REQUIRED ANALYSIS: 8260B TCE + Dang	NUMBER OF CONTAINERS SUBMITTED	REMARKS
3/11/02	1330	MW-4	G	✓					3	24 hr
3/11/02	1400	MW-6	G	✓					3	
3/11/02	1450	MW-10	G	✓					3	
3/11/02	1430	MW-7	G	✓					3	
—		TRIP BLANK	G	✓					3	

RUSH

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]			[signature]	3/11/02	1530			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
[signature]			FEDEX	3/11/02				

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	3/12/02	0929	YES (✓) NO ( )		5241723	

ORIGINAL – RETURN TO LABORATORY WITH SAMPLE(S)

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

December 23, 2009

Steve Foley
Mactec Engineering and Consulting, Inc.
396 Plasters Ave
Atlanta GA 30324

TEL: (404) 817-0154
FAX: (404) 817-0183

RE: Legion Industries

Dear Steve Foley: Order No: 0912A96

Analytical Environmental Services, Inc. received 16 samples on December 11, 2009 5:10 pm for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/09-06/30/10.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Blair Stout
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0912A96

Date: 12/11/09 Page 1 of 2

COMPANY: MACTEC
ADDRESS: 396 Plasters Ave Atlanta GA 30324
PHONE: 404 817 0154
FAX: 404 8170183
SAMPLED BY: P. Gazzo
SIGNATURE: [signature]

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOC's 8260B	Full Scan	1,4-Dioxane Per NOD Addendum	Pesticides/ Herbicides 8081+8151	REMARKS	No # of Containers
	PRESERVATION (See codes)											
1	Field Blank	12/10/09	1300	X		W	X		X	X	VINYL CHLORIDE	6
2	MW4	12/10/09	14:26	X		GW	X		X	X	Detection Limits of	6
3	PZ2	12/10/09	16:52	X		GW	X		X	X	2 ppb	6
4	MW1	12/11/09	8:38	X		GW	X		X	X		6
5	MW6	12/11/09	9:30	X		GW	X		X	X		6
6	MW5	12/11/09	11:02	X		GW	X		X	X		6
7	MW9	12/11/09	12:45	X		GW	X		X	X		6
8	SW1	12/11/09	11:15	X		SW	X		X	X		6
9	SW2	12/11/09	11:28	X		SW	X		X	X		6
10	DUP	12/11/09	13:50	X		GW	X		X	X		6
11	MW3	12/11/09	14:35	X		GW	X		X	X		6
12	MW2	12/11/09	16:12	X		GW	X		X	X		6
13	Temp											4
14	Trip											8

ANALYSIS REQUESTED

Visit our website **www.aesatlanta.com** to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY: 1: [signature] DATE/TIME: 12/11/09 1750
RECEIVED BY: 1: [signature] DATE/TIME: 12/11/09 1750

PROJECT INFORMATION
PROJECT NAME: Legion Industries
PROJECT #:
SITE ADDRESS: Waynesboro GA
SEND REPORT TO: Steve Foley
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers: 84

Turnaround Time Request
- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER

STATE PROGRAM (if any):
E-mail? (Y) / N; Fax? Y / (N)
DATA PACKAGE: I (II) III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Client: Mactec Engineering and Consulting, Inc.
Project: Legion Industries
Lab ID: 0912A96

Case Narrative

12/18/09 9:09a.m. Per Steve Foley, via phone, Carbon Disulfide should not be reported in the VOC's select list.

Pesticide Analysis by Method 8081B:

Percent recoveries for the surrogate spiking compounds Decachlorobiphenyl and Tetrachloro-m-xylene on sample 0912A96-002B were outside control limits biased low. Sample was reextracted and all target analytes were confirmed BRL with the surrogates within control limits. Because reextraction was performed outside 7 day holding time and original values were confirmed, only the original data is reported.

Analytical Environmental Services, Inc

Date: 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	FIELD BLANK
Project:	Legion Industries	**Collection Date:**	12/10/2009 1:00:00 PM
Lab ID:	0912A96-001	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 05:55	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 05:55	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 05:55	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 05:55	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 05:55	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Chlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 05:55	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 05:55	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 05:55	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 05:55	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	FIELD BLANK
Project:	Legion Industries	**Collection Date:**	12/10/2009 1:00:00 PM
Lab ID:	0912A96-001	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Trichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Vinyl chloride	BRL	2.0		ug/L	122849	1	12/18/2009 05:55	JC
Xylenes, Total	BRL	5.0		ug/L	122849	1	12/18/2009 05:55	JC
Surr: 4-Bromofluorobenzene	98.8	60.1-127		%REC	122849	1	12/18/2009 05:55	JC
Surr: Dibromofluoromethane	101	79.6-126		%REC	122849	1	12/18/2009 05:55	JC
Surr: Toluene-d8	96.4	78-116		%REC	122849	1	12/18/2009 05:55	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	BRL	0.10		ug/L	122701	1	12/19/2009 16:06	KD
4,4´-DDE	BRL	0.10		ug/L	122701	1	12/19/2009 16:06	KD
4,4´-DDT	BRL	0.10		ug/L	122701	1	12/21/2009 14:51	KD
Aldrin	BRL	0.050		ug/L	122701	1	12/19/2009 16:06	KD
alpha-BHC	BRL	0.050		ug/L	122701	1	12/19/2009 16:06	KD
alpha-Chlordane	BRL	0.050		ug/L	122701	1	12/19/2009 16:06	KD
beta-BHC	BRL	0.050		ug/L	122701	1	12/19/2009 16:06	KD
delta-BHC	BRL	0.050		ug/L	122701	1	12/19/2009 16:06	KD
Dieldrin	BRL	0.10		ug/L	122701	1	12/19/2009 16:06	KD
Endosulfan I	BRL	0.050		ug/L	122701	1	12/19/2009 16:06	KD
Endosulfan II	BRL	0.10		ug/L	122701	1	12/19/2009 16:06	KD
Endosulfan sulfate	BRL	0.10		ug/L	122701	1	12/19/2009 16:06	KD
Endrin	BRL	0.10		ug/L	122701	1	12/19/2009 16:06	KD
Endrin aldehyde	BRL	0.10		ug/L	122701	1	12/19/2009 16:06	KD
Endrin ketone	BRL	0.10		ug/L	122701	1	12/19/2009 16:06	KD
gamma-BHC	BRL	0.050		ug/L	122701	1	12/19/2009 16:06	KD
gamma-Chlordane	BRL	0.050		ug/L	122701	1	12/19/2009 16:06	KD
Heptachlor	BRL	0.050		ug/L	122701	1	12/19/2009 16:06	KD
Heptachlor epoxide	BRL	0.050		ug/L	122701	1	12/19/2009 16:06	KD
Methoxychlor	BRL	0.50		ug/L	122701	1	12/21/2009 14:51	KD
Toxaphene	BRL	5.0		ug/L	122701	1	12/21/2009 14:51	KD
Surr: Decachlorobiphenyl	74.9	16.1-124		%REC	122701	1	12/19/2009 16:06	KD
Surr: Tetrachloro-m-xylene	83.4	16-126		%REC	122701	1	12/19/2009 16:06	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	122702	1	12/18/2009 00:00	AK
2,4,5-TP (Silvex)	BRL	2.0		ug/L	122702	1	12/18/2009 00:00	AK
2,4-D	BRL	2.0		ug/L	122702	1	12/18/2009 00:00	AK
2,4-DB	BRL	10		ug/L	122702	1	12/18/2009 00:00	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	FIELD BLANK
Project:	Legion Industries	**Collection Date:**	12/10/2009 1:00:00 PM
Lab ID:	0912A96-001	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
Dalapon	BRL	10		ug/L	122702	1	12/18/2009 00:00	AK
Dicamba	BRL	2.0		ug/L	122702	1	12/18/2009 00:00	AK
Dichlorprop	BRL	2.0		ug/L	122702	1	12/18/2009 00:00	AK
Dinoseb	BRL	5.0		ug/L	122702	1	12/18/2009 00:00	AK
MCPA	BRL	500		ug/L	122702	1	12/18/2009 00:00	AK
MCPP	BRL	500		ug/L	122702	1	12/18/2009 00:00	AK
Surr: DCAA	78.7	50-143		%REC	122702	1	12/18/2009 00:00	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 4
Project:	Legion Industries	**Collection Date:**	12/10/2009 2:26:00 PM
Lab ID:	0912A96-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 06:22	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 06:22	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 06:22	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 06:22	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 06:22	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Chlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 06:22	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 06:22	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 06:22	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 06:22	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 4
Project:	Legion Industries	**Collection Date:**	12/10/2009 2:26:00 PM
Lab ID:	0912A96-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Trichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Vinyl chloride	BRL	2.0		ug/L	122849	1	12/18/2009 06:22	JC
Xylenes, Total	BRL	5.0		ug/L	122849	1	12/18/2009 06:22	JC
Surr: 4-Bromofluorobenzene	96.9	60.1-127		%REC	122849	1	12/18/2009 06:22	JC
Surr: Dibromofluoromethane	99.8	79.6-126		%REC	122849	1	12/18/2009 06:22	JC
Surr: Toluene-d8	97.5	78-116		%REC	122849	1	12/18/2009 06:22	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	BRL	0.10		ug/L	122701	1	12/21/2009 16:43	KD
4,4´-DDE	BRL	0.10		ug/L	122701	1	12/21/2009 16:43	KD
4,4´-DDT	BRL	0.10		ug/L	122701	1	12/21/2009 16:43	KD
Aldrin	BRL	0.050		ug/L	122701	1	12/21/2009 16:43	KD
alpha-BHC	BRL	0.050		ug/L	122701	1	12/21/2009 16:43	KD
alpha-Chlordane	BRL	0.050		ug/L	122701	1	12/21/2009 16:43	KD
beta-BHC	BRL	0.050		ug/L	122701	1	12/21/2009 16:43	KD
delta-BHC	BRL	0.050		ug/L	122701	1	12/21/2009 16:43	KD
Dieldrin	BRL	0.10		ug/L	122701	1	12/21/2009 16:43	KD
Endosulfan I	BRL	0.050		ug/L	122701	1	12/21/2009 16:43	KD
Endosulfan II	BRL	0.10		ug/L	122701	1	12/21/2009 16:43	KD
Endosulfan sulfate	BRL	0.10		ug/L	122701	1	12/21/2009 15:02	KD
Endrin	BRL	0.10		ug/L	122701	1	12/21/2009 16:43	KD
Endrin aldehyde	BRL	0.10		ug/L	122701	1	12/21/2009 15:02	KD
Endrin ketone	BRL	0.10		ug/L	122701	1	12/21/2009 16:43	KD
gamma-BHC	BRL	0.050		ug/L	122701	1	12/21/2009 16:43	KD
gamma-Chlordane	BRL	0.050		ug/L	122701	1	12/21/2009 16:43	KD
Heptachlor	BRL	0.050		ug/L	122701	1	12/21/2009 16:43	KD
Heptachlor epoxide	BRL	0.050		ug/L	122701	1	12/21/2009 16:43	KD
Methoxychlor	BRL	0.50		ug/L	122701	1	12/21/2009 16:43	KD
Toxaphene	BRL	5.0		ug/L	122701	1	12/21/2009 16:43	KD
Surr: Decachlorobiphenyl	0	16.1-124	S	%REC	122701	1	12/21/2009 16:43	KD
Surr: Tetrachloro-m-xylene	0	16-126	S	%REC	122701	1	12/21/2009 16:43	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	122702	1	12/17/2009 22:35	AK
2,4,5-TP (Silvex)	BRL	2.0		ug/L	122702	1	12/17/2009 22:35	AK
2,4-D	BRL	2.0		ug/L	122702	1	12/17/2009 22:35	AK
2,4-DB	BRL	10		ug/L	122702	1	12/17/2009 22:35	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 4
Project:	Legion Industries	**Collection Date:**	12/10/2009 2:26:00 PM
Lab ID:	0912A96-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
Dalapon	BRL	10		ug/L	122702	1	12/17/2009 22:35	AK
Dicamba	BRL	2.0		ug/L	122702	1	12/17/2009 22:35	AK
Dichlorprop	BRL	2.0		ug/L	122702	1	12/17/2009 22:35	AK
Dinoseb	BRL	5.0		ug/L	122702	1	12/17/2009 22:35	AK
MCPA	BRL	500		ug/L	122702	1	12/17/2009 22:35	AK
MCPP	BRL	500		ug/L	122702	1	12/17/2009 22:35	AK
Surr: DCAA	108	50-143		%REC	122702	1	12/17/2009 22:35	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	PZ 2
Project:	Legion Industries	**Collection Date:**	12/10/2009 4:52:00 PM
Lab ID:	0912A96-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
1,1,2-Trichloroethane	14	5.0		ug/L	122849	1	12/18/2009 07:43	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
1,1-Dichloroethene	21	5.0		ug/L	122849	1	12/18/2009 07:43	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 07:43	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 07:43	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 07:43	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 07:43	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 07:43	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Chlorobenzene	6.9	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 07:43	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 07:43	JC
cis-1,2-Dichloroethene	8000	500		ug/L	122849	100	12/18/2009 19:03	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 07:43	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 07:43	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Tetrachloroethene	130	5.0		ug/L	122849	1	12/18/2009 07:43	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	PZ 2
Project:	Legion Industries	**Collection Date:**	12/10/2009 4:52:00 PM
Lab ID:	0912A96-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
trans-1,2-Dichloroethene	17	5.0		ug/L	122849	1	12/18/2009 07:43	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Trichloroethene	57000	5000		ug/L	122849	1000	12/18/2009 18:36	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Vinyl chloride	2200	200		ug/L	122849	100	12/18/2009 19:03	JC
Xylenes, Total	5.4	5.0		ug/L	122849	1	12/18/2009 07:43	JC
Surr: 4-Bromofluorobenzene	94.8	60.1-127		%REC	122849	100	12/18/2009 19:03	JC
Surr: 4-Bromofluorobenzene	99.5	60.1-127		%REC	122849	1	12/18/2009 07:43	JC
Surr: 4-Bromofluorobenzene	98.1	60.1-127		%REC	122849	1000	12/18/2009 18:36	JC
Surr: Dibromofluoromethane	96.8	79.6-126		%REC	122849	1	12/18/2009 07:43	JC
Surr: Dibromofluoromethane	102	79.6-126		%REC	122849	1000	12/18/2009 18:36	JC
Surr: Dibromofluoromethane	105	79.6-126		%REC	122849	100	12/18/2009 19:03	JC
Surr: Toluene-d8	95.7	78-116		%REC	122849	1	12/18/2009 07:43	JC
Surr: Toluene-d8	96.6	78-116		%REC	122849	100	12/18/2009 19:03	JC
Surr: Toluene-d8	97.4	78-116		%REC	122849	1000	12/18/2009 18:36	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	0.13	0.10		ug/L	122701	1	12/21/2009 17:27	KD
4,4´-DDE	BRL	0.10		ug/L	122701	1	12/17/2009 13:11	KD
4,4´-DDT	BRL	0.10		ug/L	122701	1	12/21/2009 17:27	KD
Aldrin	BRL	0.050		ug/L	122701	1	12/17/2009 13:11	KD
alpha-BHC	0.53	0.050		ug/L	122701	1	12/17/2009 13:11	KD
alpha-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 13:11	KD
beta-BHC	0.71	0.050		ug/L	122701	1	12/17/2009 13:11	KD
delta-BHC	1.1	0.050		ug/L	122701	1	12/17/2009 13:11	KD
Dieldrin	BRL	0.10		ug/L	122701	1	12/17/2009 13:11	KD
Endosulfan I	BRL	0.050		ug/L	122701	1	12/17/2009 13:11	KD
Endosulfan II	BRL	0.10		ug/L	122701	1	12/17/2009 13:11	KD
Endosulfan sulfate	BRL	0.10		ug/L	122701	1	12/17/2009 13:11	KD
Endrin	BRL	0.10		ug/L	122701	1	12/17/2009 13:11	KD
Endrin aldehyde	BRL	0.10		ug/L	122701	1	12/17/2009 13:11	KD
Endrin ketone	1.3	0.10		ug/L	122701	1	12/17/2009 13:11	KD
gamma-BHC	0.83	0.050		ug/L	122701	1	12/17/2009 13:11	KD
gamma-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 13:11	KD
Heptachlor	BRL	0.050		ug/L	122701	1	12/17/2009 13:11	KD
Heptachlor epoxide	BRL	0.050		ug/L	122701	1	12/17/2009 13:11	KD
Methoxychlor	BRL	0.50		ug/L	122701	1	12/21/2009 17:27	KD
Toxaphene	BRL	5.0		ug/L	122701	1	12/21/2009 17:27	KD
Surr: Decachlorobiphenyl	48.6	16.1-124		%REC	122701	1	12/17/2009 13:11	KD
Surr: Tetrachloro-m-xylene	65.1	16-126		%REC	122701	1	12/17/2009 13:11	KD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	PZ 2
Project:	Legion Industries	**Collection Date:**	12/10/2009 4:52:00 PM
Lab ID:	0912A96-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	122702	1	12/18/2009 00:28	AK
2,4,5-TP (Silvex)	BRL	2.0		ug/L	122702	1	12/18/2009 00:28	AK
2,4-D	BRL	2.0		ug/L	122702	1	12/18/2009 00:28	AK
2,4-DB	BRL	10		ug/L	122702	1	12/18/2009 00:28	AK
Dalapon	BRL	10		ug/L	122702	1	12/18/2009 00:28	AK
Dicamba	BRL	2.0		ug/L	122702	1	12/18/2009 00:28	AK
Dichlorprop	BRL	2.0		ug/L	122702	1	12/18/2009 00:28	AK
Dinoseb	BRL	5.0		ug/L	122702	1	12/18/2009 00:28	AK
MCPA	BRL	500		ug/L	122702	1	12/18/2009 00:28	AK
MCPP	BRL	500		ug/L	122702	1	12/18/2009 00:28	AK
Surr: DCAA	69.3	50-143		%REC	122702	1	12/18/2009 00:28	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc

Date: 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 1
Project:	Legion Industries	**Collection Date:**	12/11/2009 8:38:00 AM
Lab ID:	0912A96-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 23:31	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 23:31	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 23:31	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 23:31	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 23:31	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Chlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 23:31	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 23:31	JC
cis-1,2-Dichloroethene	820	100		ug/L	122849	20	12/18/2009 18:09	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 23:31	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 23:31	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 1
Project:	Legion Industries	**Collection Date:**	12/11/2009 8:38:00 AM
Lab ID:	0912A96-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Trichloroethene	860	100		ug/L	122849	20	12/18/2009 18:09	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Vinyl chloride	5.0	2.0		ug/L	122849	1	12/18/2009 23:31	JC
Xylenes, Total	BRL	5.0		ug/L	122849	1	12/18/2009 23:31	JC
Surr: 4-Bromofluorobenzene	93.9	60.1-127		%REC	122849	1	12/18/2009 23:31	JC
Surr: 4-Bromofluorobenzene	95.1	60.1-127		%REC	122849	20	12/18/2009 18:09	JC
Surr: Dibromofluoromethane	101	79.6-126		%REC	122849	20	12/18/2009 18:09	JC
Surr: Dibromofluoromethane	102	79.6-126		%REC	122849	1	12/18/2009 23:31	JC
Surr: Toluene-d8	96.1	78-116		%REC	122849	1	12/18/2009 23:31	JC
Surr: Toluene-d8	96	78-116		%REC	122849	20	12/18/2009 18:09	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	BRL	0.10		ug/L	122701	1	12/17/2009 13:32	KD
4,4´-DDE	BRL	0.10		ug/L	122701	1	12/17/2009 13:32	KD
4,4´-DDT	BRL	0.10		ug/L	122701	1	12/21/2009 17:38	KD
Aldrin	BRL	0.050		ug/L	122701	1	12/17/2009 13:32	KD
alpha-BHC	0.052	0.050		ug/L	122701	1	12/17/2009 13:32	KD
alpha-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 13:32	KD
beta-BHC	0.073	0.050		ug/L	122701	1	12/17/2009 13:32	KD
delta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 13:32	KD
Dieldrin	BRL	0.10		ug/L	122701	1	12/17/2009 13:32	KD
Endosulfan I	BRL	0.050		ug/L	122701	1	12/17/2009 13:32	KD
Endosulfan II	BRL	0.10		ug/L	122701	1	12/17/2009 13:32	KD
Endosulfan sulfate	BRL	0.10		ug/L	122701	1	12/17/2009 13:32	KD
Endrin	BRL	0.10		ug/L	122701	1	12/17/2009 13:32	KD
Endrin aldehyde	BRL	0.10		ug/L	122701	1	12/17/2009 13:32	KD
Endrin ketone	0.13	0.10		ug/L	122701	1	12/17/2009 13:32	KD
gamma-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 13:32	KD
gamma-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 13:32	KD
Heptachlor	BRL	0.050		ug/L	122701	1	12/17/2009 13:32	KD
Heptachlor epoxide	BRL	0.050		ug/L	122701	1	12/17/2009 13:32	KD
Methoxychlor	BRL	0.50		ug/L	122701	1	12/21/2009 17:38	KD
Toxaphene	BRL	5.0		ug/L	122701	1	12/21/2009 17:38	KD
Surr: Decachlorobiphenyl	25.2	16.1-124		%REC	122701	1	12/17/2009 13:32	KD
Surr: Tetrachloro-m-xylene	61.2	16-126		%REC	122701	1	12/17/2009 13:32	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	122702	1	12/18/2009 00:56	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 1
Project:	Legion Industries	**Collection Date:**	12/11/2009 8:38:00 AM
Lab ID:	0912A96-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-TP (Silvex)	BRL	2.0		ug/L	122702	1	12/18/2009 00:56	AK
2,4-D	BRL	2.0		ug/L	122702	1	12/18/2009 00:56	AK
2,4-DB	BRL	10		ug/L	122702	1	12/18/2009 00:56	AK
Dalapon	BRL	10		ug/L	122702	1	12/18/2009 00:56	AK
Dicamba	BRL	2.0		ug/L	122702	1	12/18/2009 00:56	AK
Dichlorprop	BRL	2.0		ug/L	122702	1	12/18/2009 00:56	AK
Dinoseb	BRL	5.0		ug/L	122702	1	12/18/2009 00:56	AK
MCPA	BRL	500		ug/L	122702	1	12/18/2009 00:56	AK
MCPP	BRL	500		ug/L	122702	1	12/18/2009 00:56	AK
Surr: DCAA	84.5	50-143		%REC	122702	1	12/18/2009 00:56	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 6
Project:	Legion Industries	**Collection Date:**	12/11/2009 9:30:00 AM
Lab ID:	0912A96-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 16:21	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 16:21	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 16:21	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 16:21	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 16:21	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Chlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 16:21	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 16:21	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 16:21	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 16:21	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 6
Project:	Legion Industries	**Collection Date:**	12/11/2009 9:30:00 AM
Lab ID:	0912A96-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Trichloroethene	14	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Vinyl chloride	BRL	2.0		ug/L	122849	1	12/18/2009 16:21	JC
Xylenes, Total	BRL	5.0		ug/L	122849	1	12/18/2009 16:21	JC
Surr: 4-Bromofluorobenzene	97.3	60.1-127		%REC	122849	1	12/18/2009 16:21	JC
Surr: Dibromofluoromethane	103	79.6-126		%REC	122849	1	12/18/2009 16:21	JC
Surr: Toluene-d8	97.1	78-116		%REC	122849	1	12/18/2009 16:21	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	BRL	0.10		ug/L	122701	1	12/17/2009 13:43	KD
4,4´-DDE	BRL	0.10		ug/L	122701	1	12/17/2009 13:43	KD
4,4´-DDT	BRL	0.10		ug/L	122701	1	12/21/2009 17:49	KD
Aldrin	BRL	0.050		ug/L	122701	1	12/17/2009 13:43	KD
alpha-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 13:43	KD
alpha-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 13:43	KD
beta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 13:43	KD
delta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 13:43	KD
Dieldrin	BRL	0.10		ug/L	122701	1	12/17/2009 13:43	KD
Endosulfan I	BRL	0.050		ug/L	122701	1	12/17/2009 13:43	KD
Endosulfan II	BRL	0.10		ug/L	122701	1	12/17/2009 13:43	KD
Endosulfan sulfate	BRL	0.10		ug/L	122701	1	12/17/2009 13:43	KD
Endrin	BRL	0.10		ug/L	122701	1	12/17/2009 13:43	KD
Endrin aldehyde	BRL	0.10		ug/L	122701	1	12/17/2009 13:43	KD
Endrin ketone	BRL	0.10		ug/L	122701	1	12/17/2009 13:43	KD
gamma-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 13:43	KD
gamma-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 13:43	KD
Heptachlor	BRL	0.050		ug/L	122701	1	12/17/2009 13:43	KD
Heptachlor epoxide	BRL	0.050		ug/L	122701	1	12/17/2009 13:43	KD
Methoxychlor	BRL	0.50		ug/L	122701	1	12/21/2009 17:49	KD
Toxaphene	BRL	5.0		ug/L	122701	1	12/21/2009 17:49	KD
Surr: Decachlorobiphenyl	47.1	16.1-124		%REC	122701	1	12/17/2009 13:43	KD
Surr: Tetrachloro-m-xylene	70.7	16-126		%REC	122701	1	12/17/2009 13:43	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	122702	1	12/18/2009 01:25	AK
2,4,5-TP (Silvex)	BRL	2.0		ug/L	122702	1	12/18/2009 01:25	AK
2,4-D	BRL	2.0		ug/L	122702	1	12/18/2009 01:25	AK
2,4-DB	BRL	10		ug/L	122702	1	12/18/2009 01:25	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 6
Project:	Legion Industries	**Collection Date:**	12/11/2009 9:30:00 AM
Lab ID:	0912A96-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
Dalapon	BRL	10		ug/L	122702	1	12/18/2009 01:25	AK
Dicamba	BRL	2.0		ug/L	122702	1	12/18/2009 01:25	AK
Dichlorprop	BRL	2.0		ug/L	122702	1	12/18/2009 01:25	AK
Dinoseb	BRL	5.0		ug/L	122702	1	12/18/2009 01:25	AK
MCPA	BRL	500		ug/L	122702	1	12/18/2009 01:25	AK
MCPP	BRL	500		ug/L	122702	1	12/18/2009 01:25	AK
Surr: DCAA	90	50-143		%REC	122702	1	12/18/2009 01:25	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 5
Project:	Legion Industries	**Collection Date:**	12/11/2009 11:02:00 AM
Lab ID:	0912A96-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 16:48	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 16:48	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 16:48	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 16:48	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 16:48	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Chlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 16:48	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 16:48	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 16:48	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 16:48	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 5
Project:	Legion Industries	**Collection Date:**	12/11/2009 11:02:00 AM
Lab ID:	0912A96-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Trichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Vinyl chloride	BRL	2.0		ug/L	122849	1	12/18/2009 16:48	JC
Xylenes, Total	BRL	5.0		ug/L	122849	1	12/18/2009 16:48	JC
Surr: 4-Bromofluorobenzene	95.9	60.1-127		%REC	122849	1	12/18/2009 16:48	JC
Surr: Dibromofluoromethane	102	79.6-126		%REC	122849	1	12/18/2009 16:48	JC
Surr: Toluene-d8	95	78-116		%REC	122849	1	12/18/2009 16:48	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	BRL	0.10		ug/L	122701	1	12/17/2009 13:54	KD
4,4´-DDE	BRL	0.10		ug/L	122701	1	12/17/2009 13:54	KD
4,4´-DDT	BRL	0.10		ug/L	122701	1	12/21/2009 18:00	KD
Aldrin	BRL	0.050		ug/L	122701	1	12/17/2009 13:54	KD
alpha-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 13:54	KD
alpha-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 13:54	KD
beta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 13:54	KD
delta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 13:54	KD
Dieldrin	BRL	0.10		ug/L	122701	1	12/17/2009 13:54	KD
Endosulfan I	BRL	0.050		ug/L	122701	1	12/17/2009 13:54	KD
Endosulfan II	BRL	0.10		ug/L	122701	1	12/17/2009 13:54	KD
Endosulfan sulfate	BRL	0.10		ug/L	122701	1	12/17/2009 13:54	KD
Endrin	BRL	0.10		ug/L	122701	1	12/17/2009 13:54	KD
Endrin aldehyde	BRL	0.10		ug/L	122701	1	12/17/2009 13:54	KD
Endrin ketone	BRL	0.10		ug/L	122701	1	12/17/2009 13:54	KD
gamma-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 13:54	KD
gamma-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 13:54	KD
Heptachlor	BRL	0.050		ug/L	122701	1	12/17/2009 13:54	KD
Heptachlor epoxide	BRL	0.050		ug/L	122701	1	12/17/2009 13:54	KD
Methoxychlor	BRL	0.50		ug/L	122701	1	12/21/2009 18:00	KD
Toxaphene	BRL	5.0		ug/L	122701	1	12/21/2009 18:00	KD
Surr: Decachlorobiphenyl	54.1	16.1-124		%REC	122701	1	12/17/2009 13:54	KD
Surr: Tetrachloro-m-xylene	70.1	16-126		%REC	122701	1	12/17/2009 13:54	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	122702	1	12/18/2009 01:53	AK
2,4,5-TP (Silvex)	BRL	2.0		ug/L	122702	1	12/18/2009 01:53	AK
2,4-D	BRL	2.0		ug/L	122702	1	12/18/2009 01:53	AK
2,4-DB	BRL	10		ug/L	122702	1	12/18/2009 01:53	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 5
Project:	Legion Industries	**Collection Date:**	12/11/2009 11:02:00 AM
Lab ID:	0912A96-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
Dalapon	BRL	10		ug/L	122702	1	12/18/2009 01:53	AK
Dicamba	BRL	2.0		ug/L	122702	1	12/18/2009 01:53	AK
Dichlorprop	BRL	2.0		ug/L	122702	1	12/18/2009 01:53	AK
Dinoseb	BRL	5.0		ug/L	122702	1	12/18/2009 01:53	AK
MCPA	BRL	500		ug/L	122702	1	12/18/2009 01:53	AK
MCPP	BRL	500		ug/L	122702	1	12/18/2009 01:53	AK
Surr: DCAA	80	50-143		%REC	122702	1	12/18/2009 01:53	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 9
Project:	Legion Industries	**Collection Date:**	12/11/2009 12:44:00 PM
Lab ID:	0912A96-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 17:15	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 17:15	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 17:15	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 17:15	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 17:15	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Chlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 17:15	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 17:15	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 17:15	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 17:15	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 9
Project:	Legion Industries	**Collection Date:**	12/11/2009 12:44:00 PM
Lab ID:	0912A96-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Trichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Vinyl chloride	BRL	2.0		ug/L	122849	1	12/18/2009 17:15	JC
Xylenes, Total	BRL	5.0		ug/L	122849	1	12/18/2009 17:15	JC
Surr: 4-Bromofluorobenzene	95.2	60.1-127		%REC	122849	1	12/18/2009 17:15	JC
Surr: Dibromofluoromethane	103	79.6-126		%REC	122849	1	12/18/2009 17:15	JC
Surr: Toluene-d8	97.7	78-116		%REC	122849	1	12/18/2009 17:15	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	0.20	0.10		ug/L	122701	1	12/21/2009 18:11	KD
4,4´-DDE	BRL	0.10		ug/L	122701	1	12/17/2009 14:05	KD
4,4´-DDT	BRL	0.10		ug/L	122701	1	12/21/2009 18:11	KD
Aldrin	BRL	0.050		ug/L	122701	1	12/17/2009 14:05	KD
alpha-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:05	KD
alpha-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 14:05	KD
beta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:05	KD
delta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:05	KD
Dieldrin	0.31	0.10		ug/L	122701	1	12/17/2009 14:05	KD
Endosulfan I	BRL	0.050		ug/L	122701	1	12/17/2009 14:05	KD
Endosulfan II	BRL	0.10		ug/L	122701	1	12/17/2009 14:05	KD
Endosulfan sulfate	BRL	0.10		ug/L	122701	1	12/17/2009 14:05	KD
Endrin	BRL	0.10		ug/L	122701	1	12/17/2009 14:05	KD
Endrin aldehyde	BRL	0.10		ug/L	122701	1	12/17/2009 14:05	KD
Endrin ketone	BRL	0.10		ug/L	122701	1	12/17/2009 14:05	KD
gamma-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:05	KD
gamma-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 14:05	KD
Heptachlor	BRL	0.050		ug/L	122701	1	12/17/2009 14:05	KD
Heptachlor epoxide	BRL	0.050		ug/L	122701	1	12/17/2009 14:05	KD
Methoxychlor	BRL	0.50		ug/L	122701	1	12/21/2009 18:11	KD
Toxaphene	BRL	5.0		ug/L	122701	1	12/21/2009 18:11	KD
Surr: Decachlorobiphenyl	62.2	16.1-124		%REC	122701	1	12/17/2009 14:05	KD
Surr: Tetrachloro-m-xylene	74.1	16-126		%REC	122701	1	12/17/2009 14:05	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	122702	1	12/18/2009 02:22	AK
2,4,5-TP (Silvex)	BRL	2.0		ug/L	122702	1	12/18/2009 02:22	AK
2,4-D	BRL	2.0		ug/L	122702	1	12/18/2009 02:22	AK
2,4-DB	BRL	10		ug/L	122702	1	12/18/2009 02:22	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 9
Project:	Legion Industries	**Collection Date:**	12/11/2009 12:44:00 PM
Lab ID:	0912A96-007	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
Dalapon	BRL	10		ug/L	122702	1	12/18/2009 02:22	AK
Dicamba	BRL	2.0		ug/L	122702	1	12/18/2009 02:22	AK
Dichlorprop	BRL	2.0		ug/L	122702	1	12/18/2009 02:22	AK
Dinoseb	BRL	5.0		ug/L	122702	1	12/18/2009 02:22	AK
MCPA	BRL	500		ug/L	122702	1	12/18/2009 02:22	AK
MCPP	BRL	500		ug/L	122702	1	12/18/2009 02:22	AK
Surr: DCAA	50.4	50-143		%REC	122702	1	12/18/2009 02:22	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SW 1
Project:	Legion Industries	**Collection Date:**	12/11/2009 11:15:00 AM
Lab ID:	0912A96-008	**Matrix:**	Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 17:42	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 17:42	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 17:42	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 17:42	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 17:42	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Chlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 17:42	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 17:42	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 17:42	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 17:42	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SW 1
Project:	Legion Industries	**Collection Date:**	12/11/2009 11:15:00 AM
Lab ID:	0912A96-008	**Matrix:**	Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Trichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Vinyl chloride	BRL	2.0		ug/L	122849	1	12/18/2009 17:42	JC
Xylenes, Total	BRL	5.0		ug/L	122849	1	12/18/2009 17:42	JC
Surr: 4-Bromofluorobenzene	92.9	60.1-127		%REC	122849	1	12/18/2009 17:42	JC
Surr: Dibromofluoromethane	103	79.6-126		%REC	122849	1	12/18/2009 17:42	JC
Surr: Toluene-d8	97.3	78-116		%REC	122849	1	12/18/2009 17:42	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	BRL	0.10		ug/L	122701	1	12/17/2009 14:16	KD
4,4´-DDE	BRL	0.10		ug/L	122701	1	12/17/2009 14:16	KD
4,4´-DDT	BRL	0.10		ug/L	122701	1	12/21/2009 18:22	KD
Aldrin	BRL	0.050		ug/L	122701	1	12/17/2009 14:16	KD
alpha-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:16	KD
alpha-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 14:16	KD
beta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:16	KD
delta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:16	KD
Dieldrin	BRL	0.10		ug/L	122701	1	12/17/2009 14:16	KD
Endosulfan I	BRL	0.050		ug/L	122701	1	12/17/2009 14:16	KD
Endosulfan II	BRL	0.10		ug/L	122701	1	12/17/2009 14:16	KD
Endosulfan sulfate	BRL	0.10		ug/L	122701	1	12/17/2009 14:16	KD
Endrin	BRL	0.10		ug/L	122701	1	12/17/2009 14:16	KD
Endrin aldehyde	BRL	0.10		ug/L	122701	1	12/17/2009 14:16	KD
Endrin ketone	BRL	0.10		ug/L	122701	1	12/17/2009 14:16	KD
gamma-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:16	KD
gamma-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 14:16	KD
Heptachlor	BRL	0.050		ug/L	122701	1	12/17/2009 14:16	KD
Heptachlor epoxide	BRL	0.050		ug/L	122701	1	12/17/2009 14:16	KD
Methoxychlor	BRL	0.50		ug/L	122701	1	12/21/2009 18:22	KD
Toxaphene	BRL	5.0		ug/L	122701	1	12/21/2009 18:22	KD
Surr: Decachlorobiphenyl	64.4	16.1-124		%REC	122701	1	12/17/2009 14:16	KD
Surr: Tetrachloro-m-xylene	69	16-126		%REC	122701	1	12/17/2009 14:16	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	122702	1	12/18/2009 02:50	AK
2,4,5-TP (Silvex)	BRL	2.0		ug/L	122702	1	12/18/2009 02:50	AK
2,4-D	BRL	2.0		ug/L	122702	1	12/18/2009 02:50	AK
2,4-DB	BRL	10		ug/L	122702	1	12/18/2009 02:50	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SW 1
Project:	Legion Industries	**Collection Date:**	12/11/2009 11:15:00 AM
Lab ID:	0912A96-008	**Matrix:**	Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
Dalapon	BRL	10		ug/L	122702	1	12/18/2009 02:50	AK
Dicamba	BRL	2.0		ug/L	122702	1	12/18/2009 02:50	AK
Dichlorprop	BRL	2.0		ug/L	122702	1	12/18/2009 02:50	AK
Dinoseb	BRL	5.0		ug/L	122702	1	12/18/2009 02:50	AK
MCPA	BRL	500		ug/L	122702	1	12/18/2009 02:50	AK
MCPP	BRL	500		ug/L	122702	1	12/18/2009 02:50	AK
Surr: DCAA	85.1	50-143		%REC	122702	1	12/18/2009 02:50	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SW 2
Project:	Legion Industries	**Collection Date:**	12/11/2009 11:28:00 AM
Lab ID:	0912A96-009	**Matrix:**	Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 20:23	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 20:23	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 20:23	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 20:23	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 20:23	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Chlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 20:23	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 20:23	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 20:23	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 20:23	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SW 2
Project:	Legion Industries	**Collection Date:**	12/11/2009 11:28:00 AM
Lab ID:	0912A96-009	**Matrix:**	Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Trichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Vinyl chloride	BRL	2.0		ug/L	122849	1	12/18/2009 20:23	JC
Xylenes, Total	BRL	5.0		ug/L	122849	1	12/18/2009 20:23	JC
Surr: 4-Bromofluorobenzene	97.8	60.1-127		%REC	122849	1	12/18/2009 20:23	JC
Surr: Dibromofluoromethane	106	79.6-126		%REC	122849	1	12/18/2009 20:23	JC
Surr: Toluene-d8	97	78-116		%REC	122849	1	12/18/2009 20:23	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	BRL	0.10		ug/L	122701	1	12/17/2009 14:27	KD
4,4´-DDE	BRL	0.10		ug/L	122701	1	12/17/2009 14:27	KD
4,4´-DDT	BRL	0.10		ug/L	122701	1	12/21/2009 18:33	KD
Aldrin	BRL	0.050		ug/L	122701	1	12/17/2009 14:27	KD
alpha-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:27	KD
alpha-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 14:27	KD
beta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:27	KD
delta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:27	KD
Dieldrin	BRL	0.10		ug/L	122701	1	12/17/2009 14:27	KD
Endosulfan I	BRL	0.050		ug/L	122701	1	12/17/2009 14:27	KD
Endosulfan II	BRL	0.10		ug/L	122701	1	12/17/2009 14:27	KD
Endosulfan sulfate	BRL	0.10		ug/L	122701	1	12/17/2009 14:27	KD
Endrin	BRL	0.10		ug/L	122701	1	12/17/2009 14:27	KD
Endrin aldehyde	BRL	0.10		ug/L	122701	1	12/17/2009 14:27	KD
Endrin ketone	BRL	0.10		ug/L	122701	1	12/17/2009 14:27	KD
gamma-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:27	KD
gamma-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 14:27	KD
Heptachlor	BRL	0.050		ug/L	122701	1	12/17/2009 14:27	KD
Heptachlor epoxide	BRL	0.050		ug/L	122701	1	12/17/2009 14:27	KD
Methoxychlor	BRL	0.50		ug/L	122701	1	12/21/2009 18:33	KD
Toxaphene	BRL	5.0		ug/L	122701	1	12/21/2009 18:33	KD
Surr: Decachlorobiphenyl	49.2	16.1-124		%REC	122701	1	12/17/2009 14:27	KD
Surr: Tetrachloro-m-xylene	57.5	16-126		%REC	122701	1	12/17/2009 14:27	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	122702	1	12/18/2009 03:19	AK
2,4,5-TP (Silvex)	BRL	2.0		ug/L	122702	1	12/18/2009 03:19	AK
2,4-D	BRL	2.0		ug/L	122702	1	12/18/2009 03:19	AK
2,4-DB	BRL	10		ug/L	122702	1	12/18/2009 03:19	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SW 2
Project:	Legion Industries	**Collection Date:**	12/11/2009 11:28:00 AM
Lab ID:	0912A96-009	**Matrix:**	Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
Dalapon	BRL	10		ug/L	122702	1	12/18/2009 03:19	AK
Dicamba	BRL	2.0		ug/L	122702	1	12/18/2009 03:19	AK
Dichlorprop	BRL	2.0		ug/L	122702	1	12/18/2009 03:19	AK
Dinoseb	BRL	5.0		ug/L	122702	1	12/18/2009 03:19	AK
MCPA	BRL	500		ug/L	122702	1	12/18/2009 03:19	AK
MCPP	BRL	500		ug/L	122702	1	12/18/2009 03:19	AK
Surr: DCAA	94	50-143		%REC	122702	1	12/18/2009 03:19	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DUP
Project:	Legion Industries	**Collection Date:**	12/11/2009 1:50:00 PM
Lab ID:	0912A96-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 21:44	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 21:44	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 21:44	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 21:44	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 21:44	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Chlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 21:44	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 21:44	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 21:44	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 21:44	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DUP
Project:	Legion Industries	**Collection Date:**	12/11/2009 1:50:00 PM
Lab ID:	0912A96-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Trichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Vinyl chloride	BRL	2.0		ug/L	122849	1	12/18/2009 21:44	JC
Xylenes, Total	BRL	5.0		ug/L	122849	1	12/18/2009 21:44	JC
Surr: 4-Bromofluorobenzene	98.5	60.1-127		%REC	122849	1	12/18/2009 21:44	JC
Surr: Dibromofluoromethane	103	79.6-126		%REC	122849	1	12/18/2009 21:44	JC
Surr: Toluene-d8	95.8	78-116		%REC	122849	1	12/18/2009 21:44	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	BRL	0.10		ug/L	122701	1	12/17/2009 14:38	KD
4,4´-DDE	BRL	0.10		ug/L	122701	1	12/17/2009 14:38	KD
4,4´-DDT	BRL	0.10		ug/L	122701	1	12/21/2009 18:44	KD
Aldrin	BRL	0.050		ug/L	122701	1	12/17/2009 14:38	KD
alpha-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:38	KD
alpha-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 14:38	KD
beta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:38	KD
delta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:38	KD
Dieldrin	BRL	0.10		ug/L	122701	1	12/17/2009 14:38	KD
Endosulfan I	BRL	0.050		ug/L	122701	1	12/17/2009 14:38	KD
Endosulfan II	BRL	0.10		ug/L	122701	1	12/17/2009 14:38	KD
Endosulfan sulfate	BRL	0.10		ug/L	122701	1	12/17/2009 14:38	KD
Endrin	BRL	0.10		ug/L	122701	1	12/17/2009 14:38	KD
Endrin aldehyde	BRL	0.10		ug/L	122701	1	12/17/2009 14:38	KD
Endrin ketone	BRL	0.10		ug/L	122701	1	12/17/2009 14:38	KD
gamma-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:38	KD
gamma-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 14:38	KD
Heptachlor	BRL	0.050		ug/L	122701	1	12/17/2009 14:38	KD
Heptachlor epoxide	BRL	0.050		ug/L	122701	1	12/17/2009 14:38	KD
Methoxychlor	BRL	0.50		ug/L	122701	1	12/21/2009 18:44	KD
Toxaphene	BRL	5.0		ug/L	122701	1	12/21/2009 18:44	KD
Surr: Decachlorobiphenyl	49.5	16.1-124		%REC	122701	1	12/17/2009 14:38	KD
Surr: Tetrachloro-m-xylene	75.1	16-126		%REC	122701	1	12/17/2009 14:38	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	122702	1	12/18/2009 03:47	AK
2,4,5-TP (Silvex)	BRL	2.0		ug/L	122702	1	12/18/2009 03:47	AK
2,4-D	BRL	2.0		ug/L	122702	1	12/18/2009 03:47	AK
2,4-DB	BRL	10		ug/L	122702	1	12/18/2009 03:47	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DUP
Project:	Legion Industries	**Collection Date:**	12/11/2009 1:50:00 PM
Lab ID:	0912A96-010	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
Dalapon	BRL	10		ug/L	122702	1	12/18/2009 03:47	AK
Dicamba	BRL	2.0		ug/L	122702	1	12/18/2009 03:47	AK
Dichlorprop	BRL	2.0		ug/L	122702	1	12/18/2009 03:47	AK
Dinoseb	BRL	5.0		ug/L	122702	1	12/18/2009 03:47	AK
MCPA	BRL	500		ug/L	122702	1	12/18/2009 03:47	AK
MCPP	BRL	500		ug/L	122702	1	12/18/2009 03:47	AK
Surr: DCAA	64.6	50-143		%REC	122702	1	12/18/2009 03:47	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 3
Project:	Legion Industries	**Collection Date:**	12/11/2009 2:35:00 PM
Lab ID:	0912A96-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 20:50	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 20:50	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 20:50	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 20:50	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 20:50	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Chlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 20:50	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 20:50	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 20:50	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 20:50	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 3
Project:	Legion Industries	**Collection Date:**	12/11/2009 2:35:00 PM
Lab ID:	0912A96-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Trichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Vinyl chloride	BRL	2.0		ug/L	122849	1	12/18/2009 20:50	JC
Xylenes, Total	BRL	5.0		ug/L	122849	1	12/18/2009 20:50	JC
Surr: 4-Bromofluorobenzene	97.7	60.1-127		%REC	122849	1	12/18/2009 20:50	JC
Surr: Dibromofluoromethane	102	79.6-126		%REC	122849	1	12/18/2009 20:50	JC
Surr: Toluene-d8	96.4	78-116		%REC	122849	1	12/18/2009 20:50	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	BRL	0.10		ug/L	122701	1	12/17/2009 14:49	KD
4,4´-DDE	BRL	0.10		ug/L	122701	1	12/17/2009 14:49	KD
4,4´-DDT	BRL	0.10		ug/L	122701	1	12/21/2009 18:55	KD
Aldrin	BRL	0.050		ug/L	122701	1	12/17/2009 14:49	KD
alpha-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:49	KD
alpha-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 14:49	KD
beta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:49	KD
delta-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:49	KD
Dieldrin	BRL	0.10		ug/L	122701	1	12/17/2009 14:49	KD
Endosulfan I	BRL	0.050		ug/L	122701	1	12/17/2009 14:49	KD
Endosulfan II	BRL	0.10		ug/L	122701	1	12/17/2009 14:49	KD
Endosulfan sulfate	BRL	0.10		ug/L	122701	1	12/17/2009 14:49	KD
Endrin	BRL	0.10		ug/L	122701	1	12/17/2009 14:49	KD
Endrin aldehyde	BRL	0.10		ug/L	122701	1	12/17/2009 14:49	KD
Endrin ketone	BRL	0.10		ug/L	122701	1	12/17/2009 14:49	KD
gamma-BHC	BRL	0.050		ug/L	122701	1	12/17/2009 14:49	KD
gamma-Chlordane	BRL	0.050		ug/L	122701	1	12/17/2009 14:49	KD
Heptachlor	BRL	0.050		ug/L	122701	1	12/17/2009 14:49	KD
Heptachlor epoxide	BRL	0.050		ug/L	122701	1	12/17/2009 14:49	KD
Methoxychlor	BRL	0.50		ug/L	122701	1	12/21/2009 18:55	KD
Toxaphene	BRL	5.0		ug/L	122701	1	12/21/2009 18:55	KD
Surr: Decachlorobiphenyl	55.3	16.1-124		%REC	122701	1	12/17/2009 14:49	KD
Surr: Tetrachloro-m-xylene	50.1	16-126		%REC	122701	1	12/17/2009 14:49	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	122702	1	12/18/2009 04:16	AK
2,4,5-TP (Silvex)	BRL	2.0		ug/L	122702	1	12/18/2009 04:16	AK
2,4-D	BRL	2.0		ug/L	122702	1	12/18/2009 04:16	AK
2,4-DB	BRL	10		ug/L	122702	1	12/18/2009 04:16	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 3
Project:	Legion Industries	**Collection Date:**	12/11/2009 2:35:00 PM
Lab ID:	0912A96-011	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
Dalapon	BRL	10		ug/L	122702	1	12/18/2009 04:16	AK
Dicamba	BRL	2.0		ug/L	122702	1	12/18/2009 04:16	AK
Dichlorprop	BRL	2.0		ug/L	122702	1	12/18/2009 04:16	AK
Dinoseb	BRL	5.0		ug/L	122702	1	12/18/2009 04:16	AK
MCPA	BRL	500		ug/L	122702	1	12/18/2009 04:16	AK
MCPP	BRL	500		ug/L	122702	1	12/18/2009 04:16	AK
Surr: DCAA	75.8	50-143		%REC	122702	1	12/18/2009 04:16	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 2
Project:	Legion Industries	**Collection Date:**	12/11/2009 4:12:00 PM
Lab ID:	0912A96-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 21:17	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 21:17	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 21:17	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 21:17	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 21:17	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Chlorobenzene	10	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 21:17	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 21:17	JC
cis-1,2-Dichloroethene	430	50		ug/L	122849	10	12/21/2009 11:40	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 21:17	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 21:17	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 2
Project:	Legion Industries	**Collection Date:**	12/11/2009 4:12:00 PM
Lab ID:	0912A96-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Trichloroethene	5.6	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Vinyl chloride	350	20		ug/L	122849	10	12/21/2009 11:40	JC
Xylenes, Total	18	5.0		ug/L	122849	1	12/18/2009 21:17	JC
Surr: 4-Bromofluorobenzene	101	60.1-127		%REC	122849	1	12/18/2009 21:17	JC
Surr: 4-Bromofluorobenzene	100	60.1-127		%REC	122849	10	12/21/2009 11:40	JC
Surr: Dibromofluoromethane	105	79.6-126		%REC	122849	1	12/18/2009 21:17	JC
Surr: Dibromofluoromethane	107	79.6-126		%REC	122849	10	12/21/2009 11:40	JC
Surr: Toluene-d8	95.8	78-116		%REC	122849	1	12/18/2009 21:17	JC
Surr: Toluene-d8	97.2	78-116		%REC	122849	10	12/21/2009 11:40	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	BRL	0.10		ug/L	122701	1	12/21/2009 19:06	KD
4,4´-DDE	BRL	0.10		ug/L	122701	1	12/21/2009 19:06	KD
4,4´-DDT	BRL	0.10		ug/L	122701	1	12/21/2009 19:06	KD
Aldrin	BRL	0.050		ug/L	122701	1	12/21/2009 19:06	KD
alpha-BHC	2.0	0.25		ug/L	122701	5	12/21/2009 19:17	KD
alpha-Chlordane	1.3	0.25		ug/L	122701	5	12/21/2009 19:17	KD
beta-BHC	0.49	0.050		ug/L	122701	1	12/21/2009 19:06	KD
delta-BHC	1.8	0.25		ug/L	122701	5	12/21/2009 19:17	KD
Dieldrin	0.50	0.10		ug/L	122701	1	12/21/2009 19:06	KD
Endosulfan I	BRL	0.050		ug/L	122701	1	12/21/2009 19:06	KD
Endosulfan II	BRL	0.10		ug/L	122701	1	12/21/2009 19:06	KD
Endosulfan sulfate	BRL	0.10		ug/L	122701	1	12/17/2009 15:00	KD
Endrin	BRL	0.10		ug/L	122701	1	12/21/2009 19:06	KD
Endrin aldehyde	BRL	0.10		ug/L	122701	1	12/17/2009 15:00	KD
Endrin ketone	0.31	0.10		ug/L	122701	1	12/21/2009 19:06	KD
gamma-BHC	1.1	0.050		ug/L	122701	1	12/21/2009 19:06	KD
gamma-Chlordane	0.92	0.050		ug/L	122701	1	12/21/2009 19:06	KD
Heptachlor	BRL	0.050		ug/L	122701	1	12/21/2009 19:06	KD
Heptachlor epoxide	BRL	0.050		ug/L	122701	1	12/21/2009 19:06	KD
Methoxychlor	BRL	0.50		ug/L	122701	1	12/21/2009 19:06	KD
Toxaphene	BRL	5.0		ug/L	122701	1	12/21/2009 19:06	KD
Surr: Decachlorobiphenyl	24.8	16.1-124		%REC	122701	1	12/17/2009 15:00	KD
Surr: Tetrachloro-m-xylene	33.2	16-126		%REC	122701	1	12/17/2009 15:00	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	122702	1	12/18/2009 04:44	AK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 2
Project:	Legion Industries	**Collection Date:**	12/11/2009 4:12:00 PM
Lab ID:	0912A96-012	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-TP (Silvex)	BRL	2.0		ug/L	122702	1	12/18/2009 04:44	AK
2,4-D	BRL	2.0		ug/L	122702	1	12/18/2009 04:44	AK
2,4-DB	BRL	10		ug/L	122702	1	12/18/2009 04:44	AK
Dalapon	BRL	10		ug/L	122702	1	12/18/2009 04:44	AK
Dicamba	BRL	2.0		ug/L	122702	1	12/18/2009 04:44	AK
Dichlorprop	BRL	2.0		ug/L	122702	1	12/18/2009 04:44	AK
Dinoseb	BRL	5.0		ug/L	122702	1	12/18/2009 04:44	AK
MCPA	BRL	500		ug/L	122702	1	12/18/2009 04:44	AK
MCPP	BRL	500		ug/L	122702	1	12/18/2009 04:44	AK
Surr: DCAA	92.7	50-143		%REC	122702	1	12/18/2009 04:44	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 1
Project:	Legion Industries	**Collection Date:**	12/11/2009
Lab ID:	0912A96-013	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 04:08	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 04:08	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 04:08	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 04:08	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 04:08	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Chlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 04:08	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 04:08	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 04:08	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 04:08	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 1
Project:	Legion Industries	**Collection Date:**	12/11/2009
Lab ID:	0912A96-013	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Trichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Vinyl chloride	BRL	2.0		ug/L	122849	1	12/18/2009 04:08	JC
Xylenes, Total	BRL	5.0		ug/L	122849	1	12/18/2009 04:08	JC
Surr: 4-Bromofluorobenzene	97.2	60.1-127		%REC	122849	1	12/18/2009 04:08	JC
Surr: Dibromofluoromethane	99.3	79.6-126		%REC	122849	1	12/18/2009 04:08	JC
Surr: Toluene-d8	97.3	78-116		%REC	122849	1	12/18/2009 04:08	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 2
Project:	Legion Industries	**Collection Date:**	12/11/2009
Lab ID:	0912A96-014	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 04:34	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 04:34	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 04:34	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 04:34	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 04:34	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Chlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 04:34	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 04:34	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 04:34	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 04:34	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC

Qualifiers:

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- BRL Below reporting limit
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- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 2
Project:	Legion Industries	**Collection Date:**	12/11/2009
Lab ID:	0912A96-014	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Trichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Vinyl chloride	BRL	2.0		ug/L	122849	1	12/18/2009 04:34	JC
Xylenes, Total	BRL	5.0		ug/L	122849	1	12/18/2009 04:34	JC
Surr: 4-Bromofluorobenzene	97.1	60.1-127		%REC	122849	1	12/18/2009 04:34	JC
Surr: Dibromofluoromethane	102	79.6-126		%REC	122849	1	12/18/2009 04:34	JC
Surr: Toluene-d8	95.5	78-116		%REC	122849	1	12/18/2009 04:34	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 3
Project:	Legion Industries	**Collection Date:**	12/11/2009
Lab ID:	0912A96-015	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 05:01	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 05:01	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 05:01	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 05:01	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 05:01	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Chlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 05:01	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 05:01	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 05:01	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 05:01	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC

Qualifiers:

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- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 3
Project:	Legion Industries	**Collection Date:**	12/11/2009
Lab ID:	0912A96-015	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Trichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Vinyl chloride	BRL	2.0		ug/L	122849	1	12/18/2009 05:01	JC
Xylenes, Total	BRL	5.0		ug/L	122849	1	12/18/2009 05:01	JC
Surr: 4-Bromofluorobenzene	99.6	60.1-127		%REC	122849	1	12/18/2009 05:01	JC
Surr: Dibromofluoromethane	98.6	79.6-126		%REC	122849	1	12/18/2009 05:01	JC
Surr: Toluene-d8	96.1	78-116		%REC	122849	1	12/18/2009 05:01	JC

Qualifiers:

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- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 4
Project:	Legion Industries	**Collection Date:**	12/11/2009
Lab ID:	0912A96-016	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
1,1-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
1,1-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
1,2-Dibromoethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
1,2-Dichloroethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
1,2-Dichloropropane	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
1,4-Dioxane	BRL	150		ug/L	122849	1	12/18/2009 05:28	JC
2-Butanone	BRL	50		ug/L	122849	1	12/18/2009 05:28	JC
2-Hexanone	BRL	10		ug/L	122849	1	12/18/2009 05:28	JC
4-Methyl-2-pentanone	BRL	10		ug/L	122849	1	12/18/2009 05:28	JC
Acetone	BRL	50		ug/L	122849	1	12/18/2009 05:28	JC
Benzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Bromodichloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Bromoform	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Bromomethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Carbon tetrachloride	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Chlorobenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Chloroethane	BRL	10		ug/L	122849	1	12/18/2009 05:28	JC
Chloroform	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Chloromethane	BRL	10		ug/L	122849	1	12/18/2009 05:28	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Cyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Dibromochloromethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Dichlorodifluoromethane	BRL	10		ug/L	122849	1	12/18/2009 05:28	JC
Ethylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Freon-113	BRL	10		ug/L	122849	1	12/18/2009 05:28	JC
Isopropylbenzene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Methyl acetate	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Methylcyclohexane	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Methylene chloride	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Styrene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Tetrachloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC

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- NC Not confirmed
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Analytical Environmental Services, Inc **Date:** 23-Dec-09

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 4
Project:	Legion Industries	**Collection Date:**	12/11/2009
Lab ID:	0912A96-016	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Toluene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Trichloroethene	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Trichlorofluoromethane	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Vinyl chloride	BRL	2.0		ug/L	122849	1	12/18/2009 05:28	JC
Xylenes, Total	BRL	5.0		ug/L	122849	1	12/18/2009 05:28	JC
Surr: 4-Bromofluorobenzene	98.4	60.1-127		%REC	122849	1	12/18/2009 05:28	JC
Surr: Dibromofluoromethane	102	79.6-126		%REC	122849	1	12/18/2009 05:28	JC
Surr: Toluene-d8	95.5	78-116		%REC	122849	1	12/18/2009 05:28	JC

Qualifiers:

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- Narr See case narrative
- NC Not confirmed
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Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Matec Work Order Number 0912A96

Checklist completed by M. 12/11/09
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.1C Cooler #2 3.6C Cooler #3 3.3C Cooler #4 4.1C Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by M.D

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 0912A96
Project: Legion Industries

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **MB-122701**	SampType: **MBLK**	Batch ID: **122701**	Units: **ug/L**	Prep Date: **12/16/2009**	RunNo: **162072**
Client ID:	TestCode: **CHLORINATED PESTICIDES, TCL SW8081B**			Analysis Date: **12/17/2009**	SeqNo: **3351924**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	BRL	0.10	0	0	0	0	0	0	0		
4,4´-DDE	BRL	0.10	0	0	0	0	0	0	0		
Aldrin	BRL	0.050	0	0	0	0	0	0	0		
alpha-BHC	BRL	0.050	0	0	0	0	0	0	0		
alpha-Chlordane	BRL	0.050	0	0	0	0	0	0	0		
beta-BHC	BRL	0.050	0	0	0	0	0	0	0		
delta-BHC	BRL	0.050	0	0	0	0	0	0	0		
Dieldrin	BRL	0.10	0	0	0	0	0	0	0		
Endosulfan I	BRL	0.050	0	0	0	0	0	0	0		
Endosulfan II	BRL	0.10	0	0	0	0	0	0	0		
Endosulfan sulfate	BRL	0.10	0	0	0	0	0	0	0		
Endrin	BRL	0.10	0	0	0	0	0	0	0		
Endrin aldehyde	BRL	0.10	0	0	0	0	0	0	0		
Endrin ketone	BRL	0.10	0	0	0	0	0	0	0		
gamma-BHC	BRL	0.050	0	0	0	0	0	0	0		
gamma-Chlordane	BRL	0.050	0	0	0	0	0	0	0		
Heptachlor	BRL	0.050	0	0	0	0	0	0	0		
Heptachlor epoxide	BRL	0.050	0	0	0	0	0	0	0		
Surr: Decachlorobiphenyl	0.2566	0	0.5	0	51.3	16.1	124	0	0		
Surr: Tetrachloro-m-xylene	0.2753	0	0.5	0	55.1	16	126	0	0		

Sample ID: **MB-122701**	SampType: **MBLK**	Batch ID: **122701**	Units: **ug/L**	Prep Date: **12/16/2009**	RunNo: **162202**
Client ID:	TestCode: **CHLORINATED PESTICIDES, TCL SW8081B**			Analysis Date: **12/21/2009**	SeqNo: **3356028**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	BRL	0.10	0	0	0	0	0	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 0912A96
Project: Legion Industries

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **MB-122701** SampType: **MBLK** Batch ID: **122701** Units: **ug/L** Prep Date: **12/16/2009** RunNo: **162202**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **12/21/2009** SeqNo: **3356028**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methoxychlor	BRL	0.50	0	0	0	0	0	0	0		
Toxaphene	BRL	5.0	0	0	0	0	0	0	0		

Sample ID: **LCS-122701** SampType: **LCS** Batch ID: **122701** Units: **ug/L** Prep Date: **12/16/2009** RunNo: **162072**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **12/17/2009** SeqNo: **3351925**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	0.956	0.050	1	0	95.6	43.2	131	0	0		
Dieldrin	1.104	0.10	1	0	110	60.4	138	0	0		
Endrin	1.094	0.10	1	0	109	59.6	135	0	0		
gamma-BHC	1.036	0.050	1	0	104	48.6	138	0	0		
Heptachlor	0.8885	0.050	1	0	88.9	46.6	129	0	0		
Surr: Decachlorobiphenyl	0.372	0	0.5	0	74.4	16.1	124	0	0		
Surr: Tetrachloro-m-xylene	0.3078	0	0.5	0	61.6	16	126	0	0		

Sample ID: **LCS-122701** SampType: **LCS** Batch ID: **122701** Units: **ug/L** Prep Date: **12/16/2009** RunNo: **162202**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **12/21/2009** SeqNo: **3356030**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	0.8091	0.10	1	0	80.9	57.2	133	0	0		

Sample ID: **0912A43-003CMS** SampType: **MS** Batch ID: **122701** Units: **ug/L** Prep Date: **12/16/2009** RunNo: **162072**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **12/17/2009** SeqNo: **3351927**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	0.7572	0.050	1	0	75.7	25.5	135	0	0		
Dieldrin	0.9747	0.10	1	0	97.5	40.6	148	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 0912A96
Project: Legion Industries

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **0912A43-003CMS** SampType: **MS** Batch ID: **122701** Units: **ug/L** Prep Date: **12/16/2009** RunNo: **162072**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **12/17/2009** SeqNo: **3351927**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endrin	0.9815	0.10	1	0	98.1	45.1	145	0	0		
gamma-BHC	0.8054	0.050	1	0	80.5	41.2	147	0	0		
Heptachlor	0.7185	0.050	1	0	71.8	34.8	135	0	0		
Surr: Decachlorobiphenyl	0.2566	0	0.5	0	51.3	16.1	124	0	0		
Surr: Tetrachloro-m-xylene	0.2958	0	0.5	0	59.2	16	126	0	0		

Sample ID: **0912A43-003CMS** SampType: **MS** Batch ID: **122701** Units: **ug/L** Prep Date: **12/16/2009** RunNo: **162202**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **12/21/2009** SeqNo: **3357143**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	0.752	0.10	1	0	75.2	18.4	148	0	0		

Sample ID: **0912A43-003CMSD** SampType: **MSD** Batch ID: **122701** Units: **ug/L** Prep Date: **12/16/2009** RunNo: **162072**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **12/17/2009** SeqNo: **3351928**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	0.9767	0.050	1	0	97.7	25.5	135	0.7572	25.3	28	
Dieldrin	1.097	0.10	1	0	110	40.6	148	0.9747	11.8	20.5	
Endrin	1.08	0.10	1	0	108	45.1	145	0.9815	9.58	20.3	
gamma-BHC	1.046	0.050	1	0	105	41.2	147	0.8054	26.0	26.5	
Heptachlor	0.9378	0.050	1	0	93.8	34.8	135	0.7185	26.5	31.3	
Surr: Decachlorobiphenyl	0.2309	0	0.5	0	46.2	16.1	124	0.2566	0	0	
Surr: Tetrachloro-m-xylene	0.3689	0	0.5	0	73.8	16	126	0.2958	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 0912A96
Project: Legion Industries

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **0912A43-003CMSD** SampType: **MSD** Batch ID: **122701** Units: **ug/L** Prep Date: **12/16/2009** RunNo: **162202**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **12/21/2009** SeqNo: **3357145**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	0.788	0.10	1	0	78.8	18.4	148	0.752	4.67	24.2	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 0912A96
Project: Legion Industries

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED HERBICIDES SW8151A

Sample ID: **MB-122702** SampType: **MBLK** Batch ID: **122702** Units: **ug/L** Prep Date: **12/16/2009** RunNo: **162092**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **12/17/2009** SeqNo: **3352403**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	BRL	2.0	0	0	0	0	0	0	0		
2,4,5-TP (Silvex)	BRL	2.0	0	0	0	0	0	0	0		
2,4-D	BRL	2.0	0	0	0	0	0	0	0		
2,4-DB	BRL	10	0	0	0	0	0	0	0		
Dalapon	BRL	10	0	0	0	0	0	0	0		
Dicamba	BRL	2.0	0	0	0	0	0	0	0		
Dichlorprop	BRL	2.0	0	0	0	0	0	0	0		
Dinoseb	BRL	5.0	0	0	0	0	0	0	0		
MCPA	BRL	500	0	0	0	0	0	0	0		
MCPP	BRL	500	0	0	0	0	0	0	0		
Surr: DCAA	4.261	0	5	0	85.2	50	143	0	0		

Sample ID: **LCS-122702** SampType: **LCS** Batch ID: **122702** Units: **ug/L** Prep Date: **12/16/2009** RunNo: **162092**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **12/17/2009** SeqNo: **3352405**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	4.679	2.0	5	0	93.6	62.7	125	0	0		
2,4,5-TP (Silvex)	4.732	2.0	5	0	94.6	64.2	124	0	0		
2,4-D	5.106	2.0	5	0	102	58.6	131	0	0		
Dicamba	4.314	2.0	5	0	86.3	65	120	0	0		
Dichlorprop	4.359	2.0	5	0	87.2	52	127	0	0		
Surr: DCAA	4.894	0	5	0	97.9	50	143	0	0		

Sample ID: **0912A96-002BMS** SampType: **MS** Batch ID: **122702** Units: **ug/L** Prep Date: **12/16/2009** RunNo: **162092**
Client ID: **MW 4** TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **12/17/2009** SeqNo: **3352424**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	4.321	2.0	5	0	86.4	49.2	135	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 0912A96
Project: Legion Industries

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED HERBICIDES SW8151A

Sample ID: **0912A96-002BMS** SampType: **MS** Batch ID: **122702** Units: **ug/L** Prep Date: **12/16/2009** RunNo: **162092**
Client ID: **MW 4** TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **12/17/2009** SeqNo: **3352424**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-TP (Silvex)	4.677	2.0	5	0	93.5	58.8	133	0	0		
2,4-D	5.319	2.0	5	0	106	48.9	141	0	0		
Dicamba	4.177	2.0	5	0	83.5	49.4	138	0	0		
Dichlorprop	4.113	2.0	5	0	82.3	36.8	143	0	0		
Surr: DCAA	5.071	0	5	0	101	50	143	0	0		

Sample ID: **0912A96-002BMSD** SampType: **MSD** Batch ID: **122702** Units: **ug/L** Prep Date: **12/16/2009** RunNo: **162092**
Client ID: **MW 4** TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **12/17/2009** SeqNo: **3352432**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	4.187	2.0	5	0	83.7	49.2	135	4.321	3.13	25.4	
2,4,5-TP (Silvex)	4.415	2.0	5	0	88.3	58.8	133	4.677	5.76	26.7	
2,4-D	4.862	2.0	5	0	97.2	48.9	141	5.319	8.98	37.7	
Dicamba	4.014	2.0	5	0	80.3	49.4	138	4.177	3.97	32.9	
Dichlorprop	4.027	2.0	5	0	80.5	36.8	143	4.113	2.11	33.4	
Surr: DCAA	5.4	0	5	0	108	50	143	5.071	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 0912A96
Project: Legion Industries

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-122849**	SampType: **MBLK**	Batch ID: **122849**	Units: **ug/L**	Prep Date: **12/18/2009**	RunNo: **162074**
Client ID:	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**			Analysis Date: **12/18/2009**	SeqNo: **3351948**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0		
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0		
2-Butanone	BRL	50	0	0	0	0	0	0	0		
2-Hexanone	BRL	10	0	0	0	0	0	0	0		
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0		
Acetone	BRL	50	0	0	0	0	0	0	0		
Benzene	BRL	5.0	0	0	0	0	0	0	0		
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0		
Bromoform	BRL	5.0	0	0	0	0	0	0	0		
Bromomethane	BRL	5.0	0	0	0	0	0	0	0		
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0		
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
Chloroethane	BRL	10	0	0	0	0	0	0	0		
Chloroform	BRL	5.0	0	0	0	0	0	0	0		
Chloromethane	BRL	10	0	0	0	0	0	0	0		
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 0912A96
Project: Legion Industries

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-122849** SampType: **MBLK** Batch ID: **122849** Units: **ug/L** Prep Date: **12/18/2009** RunNo: **162074**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **12/18/2009** SeqNo: **3351948**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0		
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0		
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0		
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0		
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0		
Freon-113	BRL	10	0	0	0	0	0	0	0		
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0		
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0		
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0		
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0		
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0		
Styrene	BRL	5.0	0	0	0	0	0	0	0		
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0		
Toluene	BRL	5.0	0	0	0	0	0	0	0		
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0		
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0		
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0		
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0		
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0		
Surr: 4-Bromofluorobenzene	48.04	0	50	0	96.1	60.1	127	0	0		
Surr: Dibromofluoromethane	50.4	0	50	0	101	79.6	126	0	0		
Surr: Toluene-d8	48.51	0	50	0	97	78	116	0	0		

Sample ID: **LCS-122849** SampType: **LCS** Batch ID: **122849** Units: **ug/L** Prep Date: **12/18/2009** RunNo: **162074**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **12/18/2009** SeqNo: **3351946**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 0912A96
Project: Legion Industries

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **LCS-122849** SampType: **LCS** Batch ID: **122849** Units: **ug/L** Prep Date: **12/18/2009** RunNo: **162074**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **12/18/2009** SeqNo: **3351946**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	55.68	5.0	50	0	111	61.4	146	0	0		
Benzene	60.36	5.0	50	0	121	72.8	131	0	0		
Chlorobenzene	59.52	5.0	50	0	119	76	123	0	0		
Toluene	59.73	5.0	50	0	119	74.7	128	0	0		
Trichloroethene	62.84	5.0	50	0	126	74.4	130	0	0		
Surr: 4-Bromofluorobenzene	49.61	0	50	0	99.2	60.1	127	0	0		
Surr: Dibromofluoromethane	49.46	0	50	0	98.9	79.6	126	0	0		
Surr: Toluene-d8	49.4	0	50	0	98.8	78	116	0	0		

Sample ID: **0912A96-002AMS** SampType: **MS** Batch ID: **122849** Units: **ug/L** Prep Date: **12/18/2009** RunNo: **162074**
Client ID: **MW 4** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **12/18/2009** SeqNo: **3351958**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	61.48	5.0	50	0	123	48.8	172	0	0		
Benzene	60.02	5.0	50	0	120	64.5	143	0	0		
Chlorobenzene	58.86	5.0	50	0	118	74.5	129	0	0		
Toluene	57.79	5.0	50	0	116	62	145	0	0		
Trichloroethene	61.87	5.0	50	0	124	70.3	140	0	0		
Surr: 4-Bromofluorobenzene	49.98	0	50	0	100	60.1	127	0	0		
Surr: Dibromofluoromethane	50.36	0	50	0	101	79.6	126	0	0		
Surr: Toluene-d8	48.16	0	50	0	96.3	78	116	0	0		

Sample ID: **0912A96-002AMSD** SampType: **MSD** Batch ID: **122849** Units: **ug/L** Prep Date: **12/18/2009** RunNo: **162074**
Client ID: **MW 4** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **12/18/2009** SeqNo: **3351959**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	57.83	5.0	50	0	116	48.8	172	61.48	6.12	21.6	
Benzene	58.16	5.0	50	0	116	64.5	143	60.02	3.15	18.3	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 0912A96
Project: Legion Industries

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **0912A96-002AMSD** SampType: **MSD** Batch ID: **122849** Units: **ug/L** Prep Date: **12/18/2009** RunNo: **162074**
Client ID: **MW 4** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **12/18/2009** SeqNo: **3351959**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	56.1	5.0	50	0	112	74.5	129	58.86	4.80	19.2	
Toluene	56.82	5.0	50	0	114	62	145	57.79	1.69	21.2	
Trichloroethene	59.65	5.0	50	0	119	70.3	140	61.87	3.65	20.3	
Surr: 4-Bromofluorobenzene	49.51	0	50	0	99	60.1	127	49.98	0	0	
Surr: Dibromofluoromethane	49.73	0	50	0	99.5	79.6	126	50.36	0	0	
Surr: Toluene-d8	48.73	0	50	0	97.5	78	116	48.16	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

March 04, 2010

Steve Foley
Mactec Engineering and Consulting, Inc.
396 Plasters Ave
Atlanta GA 30324

TEL: (404) 817-0154
FAX: (404) 817-0183

RE: Legion Ind

Dear Steve Foley: Order No: 1001J80

Analytical Environmental Services, Inc. received 40 samples on January 29, 2010 11:15 am for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/09-06/30/10.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

James Forrest
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 100 1J80

Date: 1/26/10 Page 1 of 3

COMPANY: MACTEC

ADDRESS: 396 Plasters AVE Atlanta GA 30324

PHONE: 404 817 0152

FAX: 404 817 0183

SAMPLED BY: P. GAZZO

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	RCRA metals	VOCs 8260B	Fluoride	1,4 Dioxane	PCB 100 Aroclors	Pesticides 4 CB Congeners	EPA 8081+8151	REMARKS	No # of Containers
	PRESERVATION (See codes)						I		X		X		X		
1	PDL 1 3'	1/26/10	12:15	X		SO	X								1
2	PDL 2 3'		12:29				X								1
3	PDL 3 3'		12:48				X								1
4	PDL 4 3'		12:59				X								1
5	HOLD PDL 5 3'		13:04				X							HOLD	1
6	HOLD PDL 6 3'		13:13				X							HOLD	1
7	HOLD PDL 7 3'		13:23				X							HOLD	1
8	HOLD PDL 8 3'		13:29				X							HOLD	1
9	HOLD PDL5 DUP 3'		13:10				X							HOLD	1
10	BACK ROUND #1 3'		17:23				X								1
11	BACK ROUND #2 3'	1/26/10	17:48	X		SO	X								1
12	SS3 3'	1/27/10	9:10	X		SO	X	X		X		X			1
13	SS4 3'	1/27/10	8:21	X		SO	X	X		X		X			6
14	SS5 3'	1/27/10	8:35	X		SO	X	X		X		X			6

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	1/29/10 11:15	1:	1/27/10 1115am
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER

PROJECT INFORMATION

PROJECT NAME: LeGlow IND

PROJECT #: 6121090444

SITE ADDRESS: 370 Mills RD Waynesboro GA

SEND REPORT TO: Steve Foley

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: PO#:

RECEIPT

Total # of Containers: 24

Turnaround Time Request

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

STATE PROGRAM (if any):

E-mail? (Y) / N, Fax? (Y) N

DATA PACKAGE: I (II) III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

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

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

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1001J8C

Date: 11/28/10 Page 2 of 3

COMPANY: MACTEC

ADDRESS: 396 PLASTICS AVE ATLANTA GA 30324

PHONE: 404 817 0152 FAX: 404 817 0183

SAMPLED BY: P. GAZZO SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs 8260B Full Scan	1,4 Dioxane Per NOD Addendum	Pesticides Herbicides EPA 8081 + 8151	RCRA metals	REMARKS	No # of Containers
	PRESERVATION (See codes)											
1	SS6 3'	11/27/10	8:49	X		SO	X	X	X	X		6
2	SS7 3'		10:16	X		SO	X	X	X	X		6
3	SS1 3'		10:50	X		SO	X	X	X	X		6
4	SS8 3'		13:14	X		SO	X	X	X	X		6
5	SS9 3'		13:03	X		SO	X	X	X	X		6
6	SS10 3'		13:20	X		SO	X	X	X	X		6
7	SS11 3'		12:35	X		SO	X	X	X	X		6
8	SS2B 3'		12:33	X		SO	X	X	X	X		6
9	SS12 3'		13:31	X		SO	X	X	X	X		6
10	GP1 3'		12:01	X		SO	X	X	X	X		6
11	GP2 3'		11:12	X		SO	X	X	X	X		6
12	GP3 3'		11:24	X		SO	X	X	X	X		6
13	GP3DUP 3'		11:33	X		SO	X	X	X	X		6
14	GP4 3'	11/27/10	11:45	X		SO	X	X	X	X		6

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Paul Gazzo	11/29/10 11:11	1:	11/29/10 1115
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: Legion IND

PROJECT #: 6121 09 0444

SITE ADDRESS: 370 MILLS RD WAYNESBORO GA

SEND REPORT TO: Steve Foley

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: PO#:

RECEIPT

Total # of Containers: 84

Turnaround Time Request

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

STATE PROGRAM (if any):

E-mail? (Y) N; Fax? (Y) N

DATA PACKAGE: I (II) III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

(CLIENT) FedEx UPS MAIL COURIER

GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
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White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 100118L

Date: 1/28/10 Page 3 of 3

COMPANY: MACTEC

ADDRESS: 396 Plasters Ave Atlanta GA 30324

PHONE: 404 817 0152

FAX: 404 817 0183

SAMPLED BY: P. GAZZO

SIGNATURE: Paul Gazzo

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOC's 8260B Full Scan	1,4 Dioxane per DoD Addendum	Pesticides Herbicides EPA 8081 + 8151	RCRA metals	REMARKS	No # of Containers
	PRESERVATION (See codes)											
1	DP1 3'	1/27/10	14:21	X		SO	X	X	X	X		6
2	DP2 3'		14:38	X		SO	X	X	X	X		6
3	DP2 3' DUP		14:58	X		SO	X	X	X	X		6
4	DP3 3'		13:57	X		SO	X	X	X	X		6
5	DP4 3'		14:43	X		SO	X	X	X	X		6
6	HOLD DP5 3'		15:23	X		SO	X	X	X	X	HOLD	6
7	HOLD DP6 3'		9:52	X		SO	X	X	X	X	HOLD	6
8	HOLD DP7 3'		10:04	X		SO	X	X	X	X	HOLD	6
9	HOLD DP8 3'	1/27/10	14:51	X		SO	X	X	X	X	HOLD	6
10	MW10	1/28/10	9:56	X		GW	X	X	X	X		7
11	MW11	1/28/10	11:16	X		GW	X	X	X	X		7
12	MW13	1/28/10	12:10	X		GW	X	X	X	X		7
13	MW12	1/29/10	9:00	X		GW	X	X	X	X		7
14	4 TEMP + 4 TRIP											12

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Paul Gazzo	1/29/10 11:15	1:	1/29/10 11:15AM
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: LEGION IND.

PROJECT #: 6121 09 0444

SITE ADDRESS: 370 MILLS RD WAYNESBORO GA

SEND REPORT TO: Steve Foley

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #:_____ PO#:_____

RECEIPT

Total # of Containers: 94

Turnaround Time Request

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

STATE PROGRAM (if any): _____

E-mail? (Y) / N; Fax? (Y) / N

DATA PACKAGE: I (II) III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
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PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Client: Mactec Engineering and Consulting, Inc.
Project: Legion Ind
Lab ID: 1001J80

Case Narrative

1/29/10 11:48a.m. - Per Steve Foley, via phone, samples MW 10, MW 11, MW 13, and MW 12 were not analyzed for Metals.

2/11/10 4:22p.m. - Per Steve Foley, via phone, samples DP 5 3', DP 6 3', DP 7 3', and DP 8 3' were analyzed for VOCs, Pesticides, and Herbicides. The laboratory proceeded with analysis outside of the required holding times of 14 days for VOCs , Pesticides, and Herbicides.

Volatile Organic Compounds Analysis by Method 8260B:

Percent recoveries for the internal standard compound 1,4-Dichlorobenzene-d4 on samples 1001J80-018A and 023A were outside control limits biased low due to suspected matrix interference.

Percent recoveries for the internal standard compounds Pentafluorobenzene, 1,4-Difluorobenzene, and Chlorobenzene-d5 on samples 1002839-040AMS/MSD were outside control limits biased high due to suspected matrix interference.

Due to sample matrix, samples 1001J80-030A, -031A, -032A, and -037A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Herbicides Analysis by Method 8151:

Due to sample matrix, samples 1001J80-012C, -020C, -023C, -029C, -030C, -031C, -032C, -034C, and -037C required dilution during analysis resulting in elevated reporting limits.

Pesticide Analysis by Method 8081B:

Due to sample matrix, samples 1001J80-020C, -023C, -029C, -030C, -031C, -032C, 034C, -035C, -036C, -037C, and -040C required dilution during analysis resulting in elevated reporting limits.

4,4-DDT, Methoxychlor, and Toxaphene in samples 1001J80-012C, -013C, -014C, -015C, -016C, -038C, -039C, -040C and -041C are reported biased low due to low recoveries in the closing CCVs. These low recoveries in the closing CCVs are suspected to be due to interference from the matrix of the samples. The samples were rerun and received the same result.

4,4-DDD in samples 1001J80-034C and -037C are reported biased high due to high recoveries in the closing CCVs. The samples were rerun and received the same result.

"NC" (Not Confirmed) qualifier indicates tentative target compound ID due to >40% relative percent difference between primary and confirmation column. SW-846 requires that the highest value be reported, and the data qualified when significant disagreement between columns occurs.

Alpha-BHC was detected in Method Blank 125090 at 1.6717ug/Kg, which was above the reporting limit of 1.67ug/Kg resulting in "B" qualified data for all samples with final reporting limits less than the value detected in the Method Blank. Associated sample values were greater than approximately 10X the blank value, and data was not affected.

Alpha-BHC was detected in Method Blank 125090 at 1.6717ug/Kg, which was above the reporting limit of 1.67ug/Kg resulting in "B" qualified data. Associated sample values were less than the reporting limit, and data is reportable with high bias.

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	PDL1 3'
Project:	Legion Ind	**Collection Date:**	1/26/2010 12:15:00 PM
Lab ID:	1001J80-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.114		mg/Kg-dry	124614	1	02/02/2010 14:43	MW
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.46		mg/Kg-dry	124632	1	02/03/2010 12:29	JY
Barium	14.7	5.46		mg/Kg-dry	124632	1	02/03/2010 12:29	JY
Cadmium	BRL	2.73		mg/Kg-dry	124632	1	02/03/2010 12:29	JY
Chromium	21.5	2.73		mg/Kg-dry	124632	1	02/03/2010 12:29	JY
Lead	6.29	5.46		mg/Kg-dry	124632	1	02/03/2010 12:29	JY
Selenium	BRL	5.46		mg/Kg-dry	124632	1	02/03/2010 12:29	JY
Silver	BRL	2.73		mg/Kg-dry	124632	1	02/03/2010 12:29	JY
PERCENT MOISTURE D2216								
Percent Moisture	12.4	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	PDL2 3'
Project:	Legion Ind	**Collection Date:**	1/26/2010 12:29:00 PM
Lab ID:	1001J80-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.121		mg/Kg-dry	124614	1	02/02/2010 14:46	MW
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.87		mg/Kg-dry	124632	1	02/03/2010 13:02	JY
Barium	14.9	4.87		mg/Kg-dry	124632	1	02/03/2010 13:02	JY
Cadmium	BRL	2.43		mg/Kg-dry	124632	1	02/03/2010 13:02	JY
Chromium	27.6	2.43		mg/Kg-dry	124632	1	02/03/2010 13:02	JY
Lead	5.23	4.87		mg/Kg-dry	124632	1	02/03/2010 13:02	JY
Selenium	BRL	4.87		mg/Kg-dry	124632	1	02/03/2010 13:02	JY
Silver	BRL	2.43		mg/Kg-dry	124632	1	02/03/2010 13:02	JY
PERCENT MOISTURE D2216								
Percent Moisture	17.8	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	PDL 3 3'
Project:	Legion Ind	**Collection Date:**	1/26/2010 12:48:00 PM
Lab ID:	1001J80-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.122		mg/Kg-dry	124614	1	02/02/2010 14:48	MW
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.80		mg/Kg-dry	124632	1	02/03/2010 13:06	JY
Barium	18.7	5.80		mg/Kg-dry	124632	1	02/03/2010 13:06	JY
Cadmium	BRL	2.90		mg/Kg-dry	124632	1	02/03/2010 13:06	JY
Chromium	29.6	2.90		mg/Kg-dry	124632	1	02/03/2010 13:06	JY
Lead	BRL	5.80		mg/Kg-dry	124632	1	02/03/2010 13:06	JY
Selenium	BRL	5.80		mg/Kg-dry	124632	1	02/03/2010 13:06	JY
Silver	BRL	2.90		mg/Kg-dry	124632	1	02/03/2010 13:06	JY
PERCENT MOISTURE D2216								
Percent Moisture	17.9	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	PDL4 3'
Project:	Legion Ind	**Collection Date:**	1/26/2010 12:59:00 PM
Lab ID:	1001J80-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.120		mg/Kg-dry	124614	1	02/02/2010 14:51	MW
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.78		mg/Kg-dry	124632	1	02/03/2010 13:09	JY
Barium	12.5	4.78		mg/Kg-dry	124632	1	02/03/2010 13:09	JY
Cadmium	BRL	2.39		mg/Kg-dry	124632	1	02/03/2010 13:09	JY
Chromium	20.3	2.39		mg/Kg-dry	124632	1	02/03/2010 13:09	JY
Lead	5.46	4.78		mg/Kg-dry	124632	1	02/03/2010 13:09	JY
Selenium	BRL	4.78		mg/Kg-dry	124632	1	02/03/2010 13:09	JY
Silver	BRL	2.39		mg/Kg-dry	124632	1	02/03/2010 13:09	JY
PERCENT MOISTURE D2216								
Percent Moisture	16.4	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	BACK ROUND # 1 3'
Project:	Legion Ind	**Collection Date:**	1/26/2010 5:23:00 PM
Lab ID:	1001J80-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.120		mg/Kg-dry	124614	1	02/02/2010 14:53	MW
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.03		mg/Kg-dry	124632	1	02/03/2010 13:13	JY
Barium	7.67	5.03		mg/Kg-dry	124632	1	02/03/2010 13:13	JY
Cadmium	BRL	2.52		mg/Kg-dry	124632	1	02/03/2010 13:13	JY
Chromium	17.1	2.52		mg/Kg-dry	124632	1	02/03/2010 13:13	JY
Lead	BRL	5.03		mg/Kg-dry	124632	1	02/03/2010 13:13	JY
Selenium	BRL	5.03		mg/Kg-dry	124632	1	02/03/2010 13:13	JY
Silver	BRL	2.52		mg/Kg-dry	124632	1	02/03/2010 13:13	JY
PERCENT MOISTURE D2216								
Percent Moisture	16.8	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	BACK ROUND # 2 3'
Project:	Legion Ind	**Collection Date:**	1/26/2010 5:48:00 PM
Lab ID:	1001J80-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.118		mg/Kg-dry	124614	1	02/02/2010 14:56	MW
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.16		mg/Kg-dry	124632	1	02/03/2010 13:16	JY
Barium	8.68	5.16		mg/Kg-dry	124632	1	02/03/2010 13:16	JY
Cadmium	BRL	2.58		mg/Kg-dry	124632	1	02/03/2010 13:16	JY
Chromium	21.2	2.58		mg/Kg-dry	124632	1	02/03/2010 13:16	JY
Lead	5.32	5.16		mg/Kg-dry	124632	1	02/03/2010 13:16	JY
Selenium	BRL	5.16		mg/Kg-dry	124632	1	02/03/2010 13:16	JY
Silver	BRL	2.58		mg/Kg-dry	124632	1	02/03/2010 13:16	JY
PERCENT MOISTURE D2216								
Percent Moisture	15.1	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 3 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 9:10:00 AM
Lab ID:	1001J80-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	110		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Dichlorodifluoromethane	BRL	7.5		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Chloromethane	BRL	7.5		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Vinyl chloride	BRL	7.5		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Bromomethane	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Chloroethane	BRL	7.5		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Trichlorofluoromethane	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
1,1-Dichloroethene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Acetone	BRL	75		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Freon-113	BRL	7.5		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Carbon disulfide	BRL	7.5		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Methyl acetate	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Methylene chloride	BRL	15		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Methyl tert-butyl ether	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
trans-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
1,1-Dichloroethane	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
cis-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
2-Butanone	BRL	37		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Chloroform	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
1,1,1-Trichloroethane	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Cyclohexane	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Carbon tetrachloride	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Benzene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
1,2-Dichloroethane	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Trichloroethene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Methylcyclohexane	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
1,2-Dichloropropane	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Bromodichloromethane	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
cis-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
4-Methyl-2-pentanone	BRL	7.5		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Toluene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
trans-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
1,1,2-Trichloroethane	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
2-Hexanone	BRL	7.5		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Tetrachloroethene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Dibromochloromethane	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
1,2-Dibromoethane	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Chlorobenzene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Ethylbenzene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Styrene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Bromoform	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
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- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 3 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 9:10:00 AM
Lab ID:	1001J80-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Isopropylbenzene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
1,3-Dichlorobenzene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
1,4-Dichlorobenzene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
1,2-Dichlorobenzene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
1,2-Dibromo-3-chloropropane	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
1,2,4-Trichlorobenzene	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Xylenes, Total	BRL	3.7		ug/Kg-dry	124759	1	02/04/2010 01:19	FA
Surr: 4-Bromofluorobenzene	98.1	58.2-140		%REC	124759	1	02/04/2010 01:19	FA
Surr: Dibromofluoromethane	103	71.1-132		%REC	124759	1	02/04/2010 01:19	FA
Surr: Toluene-d8	94.3	77.6-119		%REC	124759	1	02/04/2010 01:19	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.116		mg/Kg-dry	124615	1	02/02/2010 15:19	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
4,4´-DDE	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
4,4´-DDT	BRL	3.9		ug/Kg-dry	124630	1	02/09/2010 19:00	KD
Aldrin	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
beta-BHC	8.7	2.0		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
delta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
Dieldrin	64	3.9		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
Endosulfan II	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
Endrin	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
Endrin aldehyde	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
Endrin ketone	11	3.9		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
gamma-BHC	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
gamma-Chlordane	13	2.0		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
Heptachlor	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:24	KD
Methoxychlor	BRL	20		ug/Kg-dry	124630	1	02/09/2010 19:00	KD
Toxaphene	520	200		ug/Kg-dry	124630	1	02/09/2010 19:00	KD
Surr: Decachlorobiphenyl	86.5	31.9-146		%REC	124630	1	02/05/2010 02:24	KD
Surr: Tetrachloro-m-xylene	73.6	26-118		%REC	124630	1	02/05/2010 02:24	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
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- N Analyte not NELAC certified
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- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 3 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 9:10:00 AM
Lab ID:	1001J80-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	770		ug/Kg-dry	124640	20	02/08/2010 10:04	AK
2,4,5-TP (Silvex)	BRL	770		ug/Kg-dry	124640	20	02/08/2010 10:04	AK
2,4-D	BRL	770		ug/Kg-dry	124640	20	02/08/2010 10:04	AK
2,4-DB	BRL	4000		ug/Kg-dry	124640	20	02/08/2010 10:04	AK
Dalapon	BRL	7700		ug/Kg-dry	124640	20	02/08/2010 10:04	AK
Dicamba	BRL	770		ug/Kg-dry	124640	20	02/08/2010 10:04	AK
Dichlorprop	BRL	770		ug/Kg-dry	124640	20	02/08/2010 10:04	AK
Dinoseb	BRL	2000		ug/Kg-dry	124640	20	02/08/2010 10:04	AK
MCPA	BRL	77000		ug/Kg-dry	124640	20	02/08/2010 10:04	AK
MCPP	BRL	77000		ug/Kg-dry	124640	20	02/08/2010 10:04	AK
Surr: DCAA	0	41.2-133	S	%REC	124640	20	02/08/2010 10:04	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.09		mg/Kg-dry	124632	1	02/03/2010 13:20	JY
Barium	13.3	4.09		mg/Kg-dry	124632	1	02/03/2010 13:20	JY
Cadmium	BRL	2.04		mg/Kg-dry	124632	1	02/03/2010 13:20	JY
Chromium	17.3	2.04		mg/Kg-dry	124632	1	02/03/2010 13:20	JY
Lead	4.84	4.09		mg/Kg-dry	124632	1	02/03/2010 13:20	JY
Selenium	BRL	4.09		mg/Kg-dry	124632	1	02/03/2010 13:20	JY
Silver	BRL	2.04		mg/Kg-dry	124632	1	02/03/2010 13:20	JY
PERCENT MOISTURE D2216								
Percent Moisture	14.5	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 4 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 8:21:00 AM
Lab ID:	1001J80-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	150		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Chloromethane	BRL	10		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Vinyl chloride	BRL	10		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Bromomethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Chloroethane	BRL	10		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Trichlorofluoromethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
1,1-Dichloroethene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Acetone	BRL	100		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Freon-113	BRL	10		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Carbon disulfide	BRL	10		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Methyl acetate	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Methylene chloride	BRL	21		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Methyl tert-butyl ether	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
trans-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
1,1-Dichloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
cis-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
2-Butanone	BRL	52		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Chloroform	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
1,1,1-Trichloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Cyclohexane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Carbon tetrachloride	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Benzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
1,2-Dichloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Trichloroethene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Methylcyclohexane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
1,2-Dichloropropane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Bromodichloromethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
cis-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Toluene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
trans-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
1,1,2-Trichloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
2-Hexanone	BRL	10		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Tetrachloroethene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Dibromochloromethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
1,2-Dibromoethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Chlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Ethylbenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Styrene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Bromoform	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 4 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 8:21:00 AM
Lab ID:	1001J80-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Isopropylbenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
1,3-Dichlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
1,4-Dichlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
1,2-Dichlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
1,2-Dibromo-3-chloropropane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
1,2,4-Trichlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Xylenes, Total	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 01:45	FA
Surr: 4-Bromofluorobenzene	99.2	58.2-140		%REC	124759	1	02/04/2010 01:45	FA
Surr: Dibromofluoromethane	104	71.1-132		%REC	124759	1	02/04/2010 01:45	FA
Surr: Toluene-d8	97.8	77.6-119		%REC	124759	1	02/04/2010 01:45	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.116		mg/Kg-dry	124615	1	02/02/2010 15:04	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
4,4´-DDE	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
4,4´-DDT	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 12:17	KD
Aldrin	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
beta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
delta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
Dieldrin	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
Endosulfan II	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
Endrin	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
Endrin aldehyde	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
Endrin ketone	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
gamma-BHC	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
Heptachlor	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:35	KD
Methoxychlor	BRL	20		ug/Kg-dry	124630	1	02/05/2010 12:17	KD
Toxaphene	BRL	200		ug/Kg-dry	124630	1	02/05/2010 12:17	KD
Surr: Decachlorobiphenyl	71.7	31.9-146		%REC	124630	1	02/05/2010 02:35	KD
Surr: Tetrachloro-m-xylene	67.4	26-118		%REC	124630	1	02/05/2010 02:35	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 4 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 8:21:00 AM
Lab ID:	1001J80-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	39		ug/Kg-dry	124640	1	02/05/2010 19:30	AK
2,4,5-TP (Silvex)	BRL	39		ug/Kg-dry	124640	1	02/05/2010 19:30	AK
2,4-D	BRL	39		ug/Kg-dry	124640	1	02/05/2010 19:30	AK
2,4-DB	BRL	200		ug/Kg-dry	124640	1	02/05/2010 19:30	AK
Dalapon	BRL	390		ug/Kg-dry	124640	1	02/05/2010 19:30	AK
Dicamba	BRL	39		ug/Kg-dry	124640	1	02/05/2010 19:30	AK
Dichlorprop	BRL	39		ug/Kg-dry	124640	1	02/05/2010 19:30	AK
Dinoseb	BRL	100		ug/Kg-dry	124640	1	02/05/2010 19:30	AK
MCPA	BRL	3900		ug/Kg-dry	124640	1	02/05/2010 19:30	AK
MCPP	BRL	3900		ug/Kg-dry	124640	1	02/05/2010 19:30	AK
Surr: DCAA	55.2	41.2-133		%REC	124640	1	02/05/2010 19:30	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.68		mg/Kg-dry	124632	1	02/03/2010 13:24	JY
Barium	9.96	4.68		mg/Kg-dry	124632	1	02/03/2010 13:24	JY
Cadmium	BRL	2.34		mg/Kg-dry	124632	1	02/03/2010 13:24	JY
Chromium	21.6	2.34		mg/Kg-dry	124632	1	02/03/2010 13:24	JY
Lead	6.33	4.68		mg/Kg-dry	124632	1	02/03/2010 13:24	JY
Selenium	BRL	4.68		mg/Kg-dry	124632	1	02/03/2010 13:24	JY
Silver	BRL	2.34		mg/Kg-dry	124632	1	02/03/2010 13:24	JY
PERCENT MOISTURE D2216								
Percent Moisture	14.8	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 5 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 8:35:00 AM
Lab ID:	1001J80-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	160		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Chloromethane	BRL	10		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Vinyl chloride	BRL	10		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Bromomethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Chloroethane	BRL	10		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Trichlorofluoromethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
1,1-Dichloroethene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Acetone	BRL	100		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Freon-113	BRL	10		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Carbon disulfide	BRL	10		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Methyl acetate	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Methylene chloride	BRL	21		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Methyl tert-butyl ether	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
trans-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
1,1-Dichloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
cis-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
2-Butanone	BRL	52		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Chloroform	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
1,1,1-Trichloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Cyclohexane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Carbon tetrachloride	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Benzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
1,2-Dichloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Trichloroethene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Methylcyclohexane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
1,2-Dichloropropane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Bromodichloromethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
cis-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Toluene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
trans-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
1,1,2-Trichloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
2-Hexanone	BRL	10		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Tetrachloroethene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Dibromochloromethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
1,2-Dibromoethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Chlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Ethylbenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Styrene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Bromoform	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
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- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 5 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 8:35:00 AM
Lab ID:	1001J80-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Isopropylbenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
1,3-Dichlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
1,4-Dichlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
1,2-Dichlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
1,2-Dibromo-3-chloropropane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
1,2,4-Trichlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Xylenes, Total	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 02:10	FA
Surr: 4-Bromofluorobenzene	98.5	58.2-140		%REC	124759	1	02/04/2010 02:10	FA
Surr: Dibromofluoromethane	104	71.1-132		%REC	124759	1	02/04/2010 02:10	FA
Surr: Toluene-d8	98.4	77.6-119		%REC	124759	1	02/04/2010 02:10	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.117		mg/Kg-dry	124615	1	02/02/2010 15:22	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
4,4´-DDE	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
4,4´-DDT	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 12:28	KD
Aldrin	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
beta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
delta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
Dieldrin	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
Endosulfan II	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
Endrin	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
Endrin aldehyde	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
Endrin ketone	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
gamma-BHC	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
Heptachlor	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:46	KD
Methoxychlor	BRL	20		ug/Kg-dry	124630	1	02/05/2010 12:28	KD
Toxaphene	BRL	200		ug/Kg-dry	124630	1	02/05/2010 12:28	KD
Surr: Decachlorobiphenyl	76.2	31.9-146		%REC	124630	1	02/05/2010 02:46	KD
Surr: Tetrachloro-m-xylene	73.5	26-118		%REC	124630	1	02/05/2010 02:46	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
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- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 5 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 8:35:00 AM
Lab ID:	1001J80-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	39		ug/Kg-dry	124640	1	02/04/2010 08:27	AK
2,4,5-TP (Silvex)	BRL	39		ug/Kg-dry	124640	1	02/04/2010 08:27	AK
2,4-D	BRL	39		ug/Kg-dry	124640	1	02/04/2010 08:27	AK
2,4-DB	BRL	200		ug/Kg-dry	124640	1	02/04/2010 08:27	AK
Dalapon	BRL	390		ug/Kg-dry	124640	1	02/04/2010 08:27	AK
Dicamba	BRL	39		ug/Kg-dry	124640	1	02/04/2010 08:27	AK
Dichlorprop	BRL	39		ug/Kg-dry	124640	1	02/04/2010 08:27	AK
Dinoseb	BRL	100		ug/Kg-dry	124640	1	02/04/2010 08:27	AK
MCPA	BRL	3900		ug/Kg-dry	124640	1	02/04/2010 08:27	AK
MCPP	BRL	3900		ug/Kg-dry	124640	1	02/04/2010 08:27	AK
Surr: DCAA	83.6	41.2-133		%REC	124640	1	02/04/2010 08:27	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.63		mg/Kg-dry	124632	1	02/03/2010 16:59	JY
Barium	BRL	4.63		mg/Kg-dry	124632	1	02/03/2010 16:59	JY
Cadmium	BRL	2.31		mg/Kg-dry	124632	1	02/03/2010 16:59	JY
Chromium	12.6	2.31		mg/Kg-dry	124632	1	02/03/2010 16:59	JY
Lead	5.36	4.63		mg/Kg-dry	124632	1	02/03/2010 16:59	JY
Selenium	BRL	4.63		mg/Kg-dry	124632	1	02/03/2010 16:59	JY
Silver	BRL	2.31		mg/Kg-dry	124632	1	02/03/2010 16:59	JY
PERCENT MOISTURE D2216								
Percent Moisture	15.5	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 6 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 8:49:00 AM
Lab ID:	1001J80-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Dichlorodifluoromethane	BRL	9.4		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Chloromethane	BRL	9.4		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Vinyl chloride	BRL	9.4		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Bromomethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Chloroethane	BRL	9.4		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Trichlorofluoromethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
1,1-Dichloroethene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Acetone	BRL	94		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Freon-113	BRL	9.4		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Carbon disulfide	BRL	9.4		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Methyl acetate	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Methylene chloride	BRL	19		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Methyl tert-butyl ether	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
trans-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
1,1-Dichloroethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
cis-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
2-Butanone	BRL	47		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Chloroform	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
1,1,1-Trichloroethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Cyclohexane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Carbon tetrachloride	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Benzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
1,2-Dichloroethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Trichloroethene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Methylcyclohexane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
1,2-Dichloropropane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Bromodichloromethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
cis-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
4-Methyl-2-pentanone	BRL	9.4		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Toluene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
trans-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
1,1,2-Trichloroethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
2-Hexanone	BRL	9.4		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Tetrachloroethene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Dibromochloromethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
1,2-Dibromoethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Chlorobenzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Ethylbenzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Styrene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Bromoform	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 6 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 8:49:00 AM
Lab ID:	1001J80-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Isopropylbenzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
1,3-Dichlorobenzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
1,4-Dichlorobenzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
1,2-Dichlorobenzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
1,2-Dibromo-3-chloropropane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
1,2,4-Trichlorobenzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Xylenes, Total	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 02:36	FA
Surr: 4-Bromofluorobenzene	100	58.2-140		%REC	124759	1	02/04/2010 02:36	FA
Surr: Dibromofluoromethane	104	71.1-132		%REC	124759	1	02/04/2010 02:36	FA
Surr: Toluene-d8	98.2	77.6-119		%REC	124759	1	02/04/2010 02:36	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.120		mg/Kg-dry	124615	1	02/02/2010 15:24	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
4,4´-DDE	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
4,4´-DDT	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 12:39	KD
Aldrin	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
beta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
delta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
Dieldrin	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
Endosulfan II	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
Endrin	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
Endrin aldehyde	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
Endrin ketone	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
gamma-BHC	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
Heptachlor	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 02:57	KD
Methoxychlor	BRL	20		ug/Kg-dry	124630	1	02/05/2010 12:39	KD
Toxaphene	BRL	200		ug/Kg-dry	124630	1	02/05/2010 12:39	KD
Surr: Decachlorobiphenyl	78.9	31.9-146		%REC	124630	1	02/05/2010 02:57	KD
Surr: Tetrachloro-m-xylene	76.1	26-118		%REC	124630	1	02/05/2010 02:57	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 6 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 8:49:00 AM
Lab ID:	1001J80-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	40		ug/Kg-dry	124640	1	02/04/2010 08:55	AK
2,4,5-TP (Silvex)	BRL	40		ug/Kg-dry	124640	1	02/04/2010 08:55	AK
2,4-D	BRL	40		ug/Kg-dry	124640	1	02/04/2010 08:55	AK
2,4-DB	BRL	200		ug/Kg-dry	124640	1	02/04/2010 08:55	AK
Dalapon	BRL	400		ug/Kg-dry	124640	1	02/04/2010 08:55	AK
Dicamba	BRL	40		ug/Kg-dry	124640	1	02/04/2010 08:55	AK
Dichlorprop	BRL	40		ug/Kg-dry	124640	1	02/04/2010 08:55	AK
Dinoseb	BRL	100		ug/Kg-dry	124640	1	02/04/2010 08:55	AK
MCPA	BRL	4000		ug/Kg-dry	124640	1	02/04/2010 08:55	AK
MCPP	BRL	4000		ug/Kg-dry	124640	1	02/04/2010 08:55	AK
Surr: DCAA	69.2	41.2-133		%REC	124640	1	02/04/2010 08:55	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.35		mg/Kg-dry	124632	1	02/03/2010 17:03	JY
Barium	22.3	4.35		mg/Kg-dry	124632	1	02/03/2010 17:03	JY
Cadmium	BRL	2.18		mg/Kg-dry	124632	1	02/03/2010 17:03	JY
Chromium	21.9	2.18		mg/Kg-dry	124632	1	02/03/2010 17:03	JY
Lead	5.81	4.35		mg/Kg-dry	124632	1	02/03/2010 17:03	JY
Selenium	BRL	4.35		mg/Kg-dry	124632	1	02/03/2010 17:03	JY
Silver	BRL	2.18		mg/Kg-dry	124632	1	02/03/2010 17:03	JY
PERCENT MOISTURE D2216								
Percent Moisture	16.9	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 7 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 10:16:00 AM
Lab ID:	1001J80-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Dichlorodifluoromethane	BRL	8.4		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Chloromethane	BRL	8.4		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Vinyl chloride	BRL	8.4		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Bromomethane	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Chloroethane	BRL	8.4		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Trichlorofluoromethane	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
1,1-Dichloroethene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Acetone	BRL	84		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Freon-113	BRL	8.4		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Carbon disulfide	BRL	8.4		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Methyl acetate	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Methylene chloride	BRL	17		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Methyl tert-butyl ether	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
trans-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
1,1-Dichloroethane	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
cis-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
2-Butanone	BRL	42		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Chloroform	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
1,1,1-Trichloroethane	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Cyclohexane	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Carbon tetrachloride	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Benzene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
1,2-Dichloroethane	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Trichloroethene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Methylcyclohexane	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
1,2-Dichloropropane	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Bromodichloromethane	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
cis-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
4-Methyl-2-pentanone	BRL	8.4		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Toluene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
trans-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
1,1,2-Trichloroethane	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
2-Hexanone	BRL	8.4		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Tetrachloroethene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Dibromochloromethane	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
1,2-Dibromoethane	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Chlorobenzene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Ethylbenzene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Styrene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Bromoform	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
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- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
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- Narr See case narrative
- NC Not confirmed
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Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 7 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 10:16:00 AM
Lab ID:	1001J80-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Isopropylbenzene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
1,3-Dichlorobenzene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
1,4-Dichlorobenzene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
1,2-Dichlorobenzene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
1,2-Dibromo-3-chloropropane	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
1,2,4-Trichlorobenzene	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Xylenes, Total	BRL	4.2		ug/Kg-dry	124759	1	02/04/2010 03:01	FA
Surr: 4-Bromofluorobenzene	98.3	58.2-140		%REC	124759	1	02/04/2010 03:01	FA
Surr: Dibromofluoromethane	103	71.1-132		%REC	124759	1	02/04/2010 03:01	FA
Surr: Toluene-d8	95.4	77.6-119		%REC	124759	1	02/04/2010 03:01	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.120		mg/Kg-dry	124615	1	02/02/2010 15:27	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
4,4´-DDE	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
4,4´-DDT	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 12:50	KD
Aldrin	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
beta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
delta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
Dieldrin	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
Endosulfan II	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
Endrin	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
Endrin aldehyde	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
Endrin ketone	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
gamma-BHC	BRL	4.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
Heptachlor	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 03:07	KD
Methoxychlor	BRL	20		ug/Kg-dry	124630	1	02/05/2010 12:50	KD
Toxaphene	BRL	200		ug/Kg-dry	124630	1	02/05/2010 12:50	KD
Surr: Decachlorobiphenyl	77.8	31.9-146		%REC	124630	1	02/05/2010 03:07	KD
Surr: Tetrachloro-m-xylene	69.8	26-118		%REC	124630	1	02/05/2010 03:07	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 7 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 10:16:00 AM
Lab ID:	1001J80-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	40		ug/Kg-dry	124640	1	02/04/2010 09:23	AK
2,4,5-TP (Silvex)	BRL	40		ug/Kg-dry	124640	1	02/04/2010 09:23	AK
2,4-D	BRL	40		ug/Kg-dry	124640	1	02/04/2010 09:23	AK
2,4-DB	BRL	210		ug/Kg-dry	124640	1	02/04/2010 09:23	AK
Dalapon	BRL	400		ug/Kg-dry	124640	1	02/04/2010 09:23	AK
Dicamba	BRL	40		ug/Kg-dry	124640	1	02/04/2010 09:23	AK
Dichlorprop	BRL	40		ug/Kg-dry	124640	1	02/04/2010 09:23	AK
Dinoseb	BRL	100		ug/Kg-dry	124640	1	02/04/2010 09:23	AK
MCPA	BRL	4000		ug/Kg-dry	124640	1	02/04/2010 09:23	AK
MCPP	BRL	4000		ug/Kg-dry	124640	1	02/04/2010 09:23	AK
Surr: DCAA	95.6	41.2-133		%REC	124640	1	02/04/2010 09:23	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.24		mg/Kg-dry	124632	1	02/03/2010 17:07	JY
Barium	34.7	4.24		mg/Kg-dry	124632	1	02/03/2010 17:07	JY
Cadmium	BRL	2.12		mg/Kg-dry	124632	1	02/03/2010 17:07	JY
Chromium	15.8	2.12		mg/Kg-dry	124632	1	02/03/2010 17:07	JY
Lead	9.75	4.24		mg/Kg-dry	124632	1	02/03/2010 17:07	JY
Selenium	BRL	4.24		mg/Kg-dry	124632	1	02/03/2010 17:07	JY
Silver	BRL	2.12		mg/Kg-dry	124632	1	02/03/2010 17:07	JY
PERCENT MOISTURE D2216								
Percent Moisture	17.5	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 1 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 10:50:00 AM
Lab ID:	1001J80-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	170		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Dichlorodifluoromethane	BRL	11		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Chloromethane	BRL	11		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Vinyl chloride	BRL	11		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Bromomethane	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Chloroethane	BRL	11		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Trichlorofluoromethane	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
1,1-Dichloroethene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Acetone	BRL	110		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Freon-113	BRL	11		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Carbon disulfide	BRL	11		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Methyl acetate	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Methylene chloride	BRL	23		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Methyl tert-butyl ether	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
trans-1,2-Dichloroethene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
1,1-Dichloroethane	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
cis-1,2-Dichloroethene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
2-Butanone	BRL	57		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Chloroform	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
1,1,1-Trichloroethane	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Cyclohexane	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Carbon tetrachloride	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Benzene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
1,2-Dichloroethane	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Trichloroethene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Methylcyclohexane	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
1,2-Dichloropropane	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Bromodichloromethane	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
cis-1,3-Dichloropropene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
4-Methyl-2-pentanone	BRL	11		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Toluene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
trans-1,3-Dichloropropene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
1,1,2-Trichloroethane	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
2-Hexanone	BRL	11		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Tetrachloroethene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Dibromochloromethane	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
1,2-Dibromoethane	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Chlorobenzene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Ethylbenzene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Styrene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Bromoform	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 1 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 10:50:00 AM
Lab ID:	1001J80-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Isopropylbenzene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
1,3-Dichlorobenzene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
1,4-Dichlorobenzene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
1,2-Dichlorobenzene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
1,2-Dibromo-3-chloropropane	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
1,2,4-Trichlorobenzene	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Xylenes, Total	BRL	5.7		ug/Kg-dry	124759	1	02/04/2010 03:27	FA
Surr: 4-Bromofluorobenzene	98.7	58.2-140		%REC	124759	1	02/04/2010 03:27	FA
Surr: Dibromofluoromethane	103	71.1-132		%REC	124759	1	02/04/2010 03:27	FA
Surr: Toluene-d8	97.6	77.6-119		%REC	124759	1	02/04/2010 03:27	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.114		mg/Kg-dry	124615	1	02/02/2010 15:29	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
4,4´-DDE	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
4,4´-DDT	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
Aldrin	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
beta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
delta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
Dieldrin	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
Endosulfan II	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
Endrin	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
Endrin aldehyde	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
Endrin ketone	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
gamma-BHC	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
Heptachlor	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
Methoxychlor	BRL	20		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
Toxaphene	BRL	200		ug/Kg-dry	124630	1	02/08/2010 11:29	KD
Surr: Decachlorobiphenyl	107	31.9-146		%REC	124630	1	02/08/2010 11:29	KD
Surr: Tetrachloro-m-xylene	79.9	26-118		%REC	124630	1	02/08/2010 11:29	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 1 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 10:50:00 AM
Lab ID:	1001J80-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	39		ug/Kg-dry	124640	1	02/04/2010 09:52	AK
2,4,5-TP (Silvex)	BRL	39		ug/Kg-dry	124640	1	02/04/2010 09:52	AK
2,4-D	BRL	39		ug/Kg-dry	124640	1	02/04/2010 09:52	AK
2,4-DB	BRL	200		ug/Kg-dry	124640	1	02/04/2010 09:52	AK
Dalapon	BRL	390		ug/Kg-dry	124640	1	02/04/2010 09:52	AK
Dicamba	BRL	39		ug/Kg-dry	124640	1	02/04/2010 09:52	AK
Dichlorprop	BRL	39		ug/Kg-dry	124640	1	02/04/2010 09:52	AK
Dinoseb	BRL	100		ug/Kg-dry	124640	1	02/04/2010 09:52	AK
MCPA	BRL	3900		ug/Kg-dry	124640	1	02/04/2010 09:52	AK
MCPP	BRL	3900		ug/Kg-dry	124640	1	02/04/2010 09:52	AK
Surr: DCAA	0	41.2-133	S	%REC	124640	1	02/04/2010 09:52	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.70		mg/Kg-dry	124632	1	02/03/2010 17:10	JY
Barium	BRL	5.70		mg/Kg-dry	124632	1	02/03/2010 17:10	JY
Cadmium	BRL	2.85		mg/Kg-dry	124632	1	02/03/2010 17:10	JY
Chromium	14.5	2.85		mg/Kg-dry	124632	1	02/03/2010 17:10	JY
Lead	BRL	5.70		mg/Kg-dry	124632	1	02/03/2010 17:10	JY
Selenium	BRL	5.70		mg/Kg-dry	124632	1	02/03/2010 17:10	JY
Silver	BRL	2.85		mg/Kg-dry	124632	1	02/03/2010 17:10	JY
PERCENT MOISTURE D2216								
Percent Moisture	15.1	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 8 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:14:00 PM
Lab ID:	1001J80-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	160		ug/Kg-dry	124759	1	02/04/2010 03:52	FA
Dichlorodifluoromethane	BRL	9.3		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Chloromethane	BRL	9.3		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Vinyl chloride	69	9.3		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Bromomethane	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Chloroethane	BRL	9.3		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Trichlorofluoromethane	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
1,1-Dichloroethene	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Acetone	BRL	93		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Freon-113	BRL	9.3		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Carbon disulfide	BRL	9.3		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Methyl acetate	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Methylene chloride	BRL	19		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Methyl tert-butyl ether	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
trans-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
1,1-Dichloroethane	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
cis-1,2-Dichloroethene	29	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
2-Butanone	BRL	46		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Chloroform	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
1,1,1-Trichloroethane	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Cyclohexane	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Carbon tetrachloride	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Benzene	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
1,2-Dichloroethane	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Trichloroethene	1900	550		ug/Kg-dry	124709	100	02/06/2010 18:26	NK
Methylcyclohexane	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
1,2-Dichloropropane	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Bromodichloromethane	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
cis-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
4-Methyl-2-pentanone	BRL	9.3		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Toluene	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
trans-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
1,1,2-Trichloroethane	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
2-Hexanone	BRL	9.3		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Tetrachloroethene	180	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Dibromochloromethane	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
1,2-Dibromoethane	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Chlorobenzene	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Ethylbenzene	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Styrene	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Bromoform	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 8 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:14:00 PM
Lab ID:	1001J80-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Isopropylbenzene	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
1,3-Dichlorobenzene	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
1,4-Dichlorobenzene	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
1,2-Dichlorobenzene	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
1,2-Dibromo-3-chloropropane	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
1,2,4-Trichlorobenzene	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Xylenes, Total	BRL	4.6		ug/Kg-dry	124759	1	02/08/2010 22:58	FA
Surr: 4-Bromofluorobenzene	94.7	58.2-140		%REC	124759	1	02/08/2010 22:58	FA
Surr: 4-Bromofluorobenzene	87.7	58.2-140		%REC	124759	1	02/04/2010 03:52	FA
Surr: 4-Bromofluorobenzene	96.2	58.2-140		%REC	124709	100	02/06/2010 18:26	NK
Surr: Dibromofluoromethane	117	71.1-132		%REC	124759	1	02/08/2010 22:58	FA
Surr: Dibromofluoromethane	107	71.1-132		%REC	124759	1	02/04/2010 03:52	FA
Surr: Dibromofluoromethane	111	71.1-132		%REC	124709	100	02/06/2010 18:26	NK
Surr: Toluene-d8	82.5	77.6-119		%REC	124759	1	02/04/2010 03:52	FA
Surr: Toluene-d8	98.9	77.6-119		%REC	124759	1	02/08/2010 22:58	FA
Surr: Toluene-d8	97.4	77.6-119		%REC	124709	100	02/06/2010 18:26	NK
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.126		mg/Kg-dry	124615	1	02/02/2010 15:32	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	5.4	4.2		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
4,4´-DDE	BRL	4.2		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
4,4´-DDT	12	4.2		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
Aldrin	BRL	2.1		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
alpha-BHC	BRL	2.1		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
alpha-Chlordane	BRL	2.1		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
beta-BHC	BRL	2.1		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
delta-BHC	BRL	2.1		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
Dieldrin	BRL	4.2		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
Endosulfan I	BRL	2.1		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
Endosulfan II	BRL	4.2		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
Endosulfan sulfate	BRL	4.2		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
Endrin	BRL	4.2		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
Endrin aldehyde	BRL	4.2		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
Endrin ketone	BRL	4.2		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
gamma-BHC	BRL	4.2		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
gamma-Chlordane	BRL	2.1		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
Heptachlor	BRL	2.1		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
Heptachlor epoxide	BRL	2.1		ug/Kg-dry	124630	1	02/08/2010 11:40	KD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 8 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:14:00 PM
Lab ID:	1001J80-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
Methoxychlor	BRL	21		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
Toxaphene	BRL	210		ug/Kg-dry	124630	1	02/08/2010 11:40	KD
Surr: Decachlorobiphenyl	102	31.9-146		%REC	124630	1	02/08/2010 11:40	KD
Surr: Tetrachloro-m-xylene	74.7	26-118		%REC	124630	1	02/08/2010 11:40	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	42		ug/Kg-dry	124640	1	02/04/2010 10:21	AK
2,4,5-TP (Silvex)	BRL	42		ug/Kg-dry	124640	1	02/04/2010 10:21	AK
2,4-D	BRL	42		ug/Kg-dry	124640	1	02/04/2010 10:21	AK
2,4-DB	BRL	210		ug/Kg-dry	124640	1	02/04/2010 10:21	AK
Dalapon	BRL	420		ug/Kg-dry	124640	1	02/04/2010 10:21	AK
Dicamba	BRL	42		ug/Kg-dry	124640	1	02/04/2010 10:21	AK
Dichlorprop	BRL	42		ug/Kg-dry	124640	1	02/04/2010 10:21	AK
Dinoseb	BRL	110		ug/Kg-dry	124640	1	02/04/2010 10:21	AK
MCPA	BRL	4200		ug/Kg-dry	124640	1	02/04/2010 10:21	AK
MCPP	BRL	4200		ug/Kg-dry	124640	1	02/04/2010 10:21	AK
Surr: DCAA	91.7	41.2-133		%REC	124640	1	02/04/2010 10:21	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.48		mg/Kg-dry	124632	1	02/03/2010 17:14	JY
Barium	BRL	5.48		mg/Kg-dry	124632	1	02/03/2010 17:14	JY
Cadmium	BRL	2.74		mg/Kg-dry	124632	1	02/03/2010 17:14	JY
Chromium	20.2	2.74		mg/Kg-dry	124632	1	02/03/2010 17:14	JY
Lead	BRL	5.48		mg/Kg-dry	124632	1	02/03/2010 17:14	JY
Selenium	BRL	5.48		mg/Kg-dry	124632	1	02/03/2010 17:14	JY
Silver	BRL	2.74		mg/Kg-dry	124632	1	02/03/2010 17:14	JY
PERCENT MOISTURE D2216								
Percent Moisture	20.9	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

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- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 9 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:03:00 PM
Lab ID:	1001J80-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	160		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Dichlorodifluoromethane	BRL	11		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Chloromethane	BRL	11		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Vinyl chloride	BRL	11		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Bromomethane	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Chloroethane	BRL	11		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Trichlorofluoromethane	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
1,1-Dichloroethene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Acetone	BRL	110		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Freon-113	BRL	11		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Carbon disulfide	BRL	11		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Methyl acetate	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Methylene chloride	BRL	21		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Methyl tert-butyl ether	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
trans-1,2-Dichloroethene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
1,1-Dichloroethane	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
cis-1,2-Dichloroethene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
2-Butanone	BRL	53		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Chloroform	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
1,1,1-Trichloroethane	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Cyclohexane	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Carbon tetrachloride	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Benzene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
1,2-Dichloroethane	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Trichloroethene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Methylcyclohexane	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
1,2-Dichloropropane	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Bromodichloromethane	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
cis-1,3-Dichloropropene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
4-Methyl-2-pentanone	BRL	11		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Toluene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
trans-1,3-Dichloropropene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
1,1,2-Trichloroethane	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
2-Hexanone	BRL	11		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Tetrachloroethene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Dibromochloromethane	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
1,2-Dibromoethane	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Chlorobenzene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Ethylbenzene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Styrene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Bromoform	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA

Qualifiers:

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- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 9 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:03:00 PM
Lab ID:	1001J80-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Isopropylbenzene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
1,3-Dichlorobenzene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
1,4-Dichlorobenzene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
1,2-Dichlorobenzene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
1,2-Dibromo-3-chloropropane	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
1,2,4-Trichlorobenzene	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Xylenes, Total	BRL	5.3		ug/Kg-dry	124759	1	02/04/2010 04:17	FA
Surr: 4-Bromofluorobenzene	98.5	58.2-140		%REC	124759	1	02/04/2010 04:17	FA
Surr: Dibromofluoromethane	105	71.1-132		%REC	124759	1	02/04/2010 04:17	FA
Surr: Toluene-d8	99.1	77.6-119		%REC	124759	1	02/04/2010 04:17	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.118		mg/Kg-dry	124615	1	02/02/2010 15:34	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
4,4´-DDE	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
4,4´-DDT	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
Aldrin	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
beta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
delta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
Dieldrin	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
Endosulfan II	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
Endrin	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
Endrin aldehyde	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
Endrin ketone	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
gamma-BHC	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
Heptachlor	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
Methoxychlor	BRL	20		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
Toxaphene	BRL	200		ug/Kg-dry	124630	1	02/08/2010 11:51	KD
Surr: Decachlorobiphenyl	83.6	31.9-146		%REC	124630	1	02/08/2010 11:51	KD
Surr: Tetrachloro-m-xylene	66	26-118		%REC	124630	1	02/08/2010 11:51	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

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- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 9 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:03:00 PM
Lab ID:	1001J80-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	40		ug/Kg-dry	124640	1	02/04/2010 10:49	AK
2,4,5-TP (Silvex)	BRL	40		ug/Kg-dry	124640	1	02/04/2010 10:49	AK
2,4-D	BRL	40		ug/Kg-dry	124640	1	02/04/2010 10:49	AK
2,4-DB	BRL	210		ug/Kg-dry	124640	1	02/04/2010 10:49	AK
Dalapon	BRL	400		ug/Kg-dry	124640	1	02/04/2010 10:49	AK
Dicamba	BRL	40		ug/Kg-dry	124640	1	02/04/2010 10:49	AK
Dichlorprop	BRL	40		ug/Kg-dry	124640	1	02/04/2010 10:49	AK
Dinoseb	BRL	100		ug/Kg-dry	124640	1	02/04/2010 10:49	AK
MCPA	BRL	4000		ug/Kg-dry	124640	1	02/04/2010 10:49	AK
MCPP	BRL	4000		ug/Kg-dry	124640	1	02/04/2010 10:49	AK
Surr: DCAA	114	41.2-133		%REC	124640	1	02/04/2010 10:49	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.30		mg/Kg-dry	124632	1	02/03/2010 17:18	JY
Barium	5.90	4.30		mg/Kg-dry	124632	1	02/03/2010 17:18	JY
Cadmium	BRL	2.15		mg/Kg-dry	124632	1	02/03/2010 17:18	JY
Chromium	15.2	2.15		mg/Kg-dry	124632	1	02/03/2010 17:18	JY
Lead	5.12	4.30		mg/Kg-dry	124632	1	02/03/2010 17:18	JY
Selenium	BRL	4.30		mg/Kg-dry	124632	1	02/03/2010 17:18	JY
Silver	BRL	2.15		mg/Kg-dry	124632	1	02/03/2010 17:18	JY
PERCENT MOISTURE D2216								
Percent Moisture	17.3	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

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- BRL Below reporting limit
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- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 10 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:20:00 PM
Lab ID:	1001J80-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Dichlorodifluoromethane	BRL	8.6		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Chloromethane	BRL	8.6		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Vinyl chloride	BRL	8.6		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Bromomethane	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Chloroethane	BRL	8.6		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Trichlorofluoromethane	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
1,1-Dichloroethene	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Acetone	BRL	86		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Freon-113	BRL	8.6		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Carbon disulfide	BRL	8.6		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Methyl acetate	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Methylene chloride	BRL	17		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Methyl tert-butyl ether	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
trans-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
1,1-Dichloroethane	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
cis-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
2-Butanone	BRL	43		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Chloroform	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
1,1,1-Trichloroethane	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Cyclohexane	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Carbon tetrachloride	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Benzene	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
1,2-Dichloroethane	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Trichloroethene	5.0	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Methylcyclohexane	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
1,2-Dichloropropane	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Bromodichloromethane	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
cis-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
4-Methyl-2-pentanone	BRL	8.6		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Toluene	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
trans-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
1,1,2-Trichloroethane	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
2-Hexanone	BRL	8.6		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Tetrachloroethene	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Dibromochloromethane	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
1,2-Dibromoethane	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Chlorobenzene	38	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Ethylbenzene	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Styrene	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Bromoform	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA

Qualifiers:

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- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 10 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:20:00 PM
Lab ID:	1001J80-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Isopropylbenzene	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
1,3-Dichlorobenzene	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
1,4-Dichlorobenzene	11	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
1,2-Dichlorobenzene	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
1,2-Dibromo-3-chloropropane	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
1,2,4-Trichlorobenzene	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Xylenes, Total	BRL	4.3		ug/Kg-dry	124759	1	02/04/2010 04:43	FA
Surr: 4-Bromofluorobenzene	98.4	58.2-140		%REC	124759	1	02/04/2010 04:43	FA
Surr: Dibromofluoromethane	106	71.1-132		%REC	124759	1	02/04/2010 04:43	FA
Surr: Toluene-d8	95	77.6-119		%REC	124759	1	02/04/2010 04:43	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.115		mg/Kg-dry	124615	1	02/02/2010 15:37	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	4600	380		ug/Kg-dry	124630	100	02/08/2010 19:58	KD
4,4´-DDE	220	19		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
4,4´-DDT	6600	380		ug/Kg-dry	124630	100	02/08/2010 19:58	KD
Aldrin	120	9.6		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
alpha-BHC	BRL	9.6		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
alpha-Chlordane	230	9.6		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
beta-BHC	30	9.6		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
delta-BHC	41	9.6		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
Dieldrin	220	19		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
Endosulfan I	BRL	9.6		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
Endosulfan II	BRL	19		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
Endosulfan sulfate	BRL	19		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
Endrin	BRL	19		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
Endrin aldehyde	BRL	19		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
Endrin ketone	BRL	19		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
gamma-BHC	BRL	19		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
gamma-Chlordane	560	19		ug/Kg-dry	124630	10	02/08/2010 13:11	KD
Heptachlor	BRL	9.6		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
Heptachlor epoxide	BRL	9.6		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
Methoxychlor	BRL	96		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
Toxaphene	BRL	960		ug/Kg-dry	124630	5	02/08/2010 13:00	KD
Surr: Decachlorobiphenyl	77.7	31.9-146		%REC	124630	5	02/08/2010 13:00	KD
Surr: Tetrachloro-m-xylene	96.4	26-118		%REC	124630	5	02/08/2010 13:00	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 10 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:20:00 PM
Lab ID:	1001J80-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	380		ug/Kg-dry	124640	10	02/08/2010 10:32	AK
2,4,5-TP (Silvex)	BRL	380		ug/Kg-dry	124640	10	02/08/2010 10:32	AK
2,4-D	BRL	380		ug/Kg-dry	124640	10	02/08/2010 10:32	AK
2,4-DB	BRL	1900		ug/Kg-dry	124640	10	02/08/2010 10:32	AK
Dalapon	BRL	3800		ug/Kg-dry	124640	10	02/08/2010 10:32	AK
Dicamba	BRL	380		ug/Kg-dry	124640	10	02/08/2010 10:32	AK
Dichlorprop	BRL	380		ug/Kg-dry	124640	10	02/08/2010 10:32	AK
Dinoseb	BRL	970		ug/Kg-dry	124640	10	02/08/2010 10:32	AK
MCPA	BRL	38000		ug/Kg-dry	124640	10	02/08/2010 10:32	AK
MCPP	BRL	38000		ug/Kg-dry	124640	10	02/08/2010 10:32	AK
Surr: DCAA	0	41.2-133	S	%REC	124640	10	02/08/2010 10:32	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.31		mg/Kg-dry	124632	1	02/03/2010 17:21	JY
Barium	15.0	4.31		mg/Kg-dry	124632	1	02/03/2010 17:21	JY
Cadmium	BRL	2.15		mg/Kg-dry	124632	1	02/03/2010 17:21	JY
Chromium	27.1	2.15		mg/Kg-dry	124632	1	02/03/2010 17:21	JY
Lead	4.55	4.31		mg/Kg-dry	124632	1	02/03/2010 17:21	JY
Selenium	BRL	4.31		mg/Kg-dry	124632	1	02/03/2010 17:21	JY
Silver	BRL	2.15		mg/Kg-dry	124632	1	02/03/2010 17:21	JY
PERCENT MOISTURE D2216								
Percent Moisture	12.7	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 11 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 12:35:00 PM
Lab ID:	1001J80-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	150		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Dichlorodifluoromethane	BRL	9.8		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Chloromethane	BRL	9.8		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Vinyl chloride	BRL	9.8		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Bromomethane	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Chloroethane	BRL	9.8		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Trichlorofluoromethane	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Acetone	BRL	98		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Freon-113	BRL	9.8		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Carbon disulfide	BRL	9.8		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Methyl acetate	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Methylene chloride	BRL	20		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Methyl tert-butyl ether	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
1,1-Dichloroethane	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
2-Butanone	BRL	49		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Chloroform	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
1,1,1-Trichloroethane	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Cyclohexane	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Carbon tetrachloride	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Benzene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
1,2-Dichloroethane	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Trichloroethene	12	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Methylcyclohexane	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
1,2-Dichloropropane	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Bromodichloromethane	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
cis-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
4-Methyl-2-pentanone	BRL	9.8		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Toluene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
trans-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
1,1,2-Trichloroethane	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
2-Hexanone	BRL	9.8		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Tetrachloroethene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Dibromochloromethane	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
1,2-Dibromoethane	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Chlorobenzene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Ethylbenzene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Styrene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Bromoform	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 11 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 12:35:00 PM
Lab ID:	1001J80-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Isopropylbenzene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
1,3-Dichlorobenzene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
1,4-Dichlorobenzene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
1,2-Dichlorobenzene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
1,2-Dibromo-3-chloropropane	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
1,2,4-Trichlorobenzene	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Xylenes, Total	BRL	4.9		ug/Kg-dry	124759	1	02/04/2010 05:08	FA
Surr: 4-Bromofluorobenzene	94.3	58.2-140		%REC	124759	1	02/04/2010 05:08	FA
Surr: Dibromofluoromethane	106	71.1-132		%REC	124759	1	02/04/2010 05:08	FA
Surr: Toluene-d8	98	77.6-119		%REC	124759	1	02/04/2010 05:08	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.117		mg/Kg-dry	124615	1	02/02/2010 15:45	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	170	20		ug/Kg-dry	124630	5	02/08/2010 13:33	KD
4,4´-DDE	46	4.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
4,4´-DDT	180	20		ug/Kg-dry	124630	5	02/08/2010 13:33	KD
Aldrin	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
alpha-BHC	4.3	2.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
alpha-Chlordane	29	2.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
beta-BHC	14	2.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
delta-BHC	7.2	2.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
Dieldrin	130	20		ug/Kg-dry	124630	5	02/08/2010 13:33	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
Endosulfan II	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
Endrin	11	4.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
Endrin aldehyde	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
Endrin ketone	33	4.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
gamma-BHC	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
gamma-Chlordane	28	2.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
Heptachlor	2.4	2.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
Heptachlor epoxide	12	2.0		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
Methoxychlor	BRL	20		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
Toxaphene	520	200		ug/Kg-dry	124630	1	02/08/2010 13:22	KD
Surr: Decachlorobiphenyl	87.8	31.9-146		%REC	124630	1	02/08/2010 13:22	KD
Surr: Tetrachloro-m-xylene	78.7	26-118		%REC	124630	1	02/08/2010 13:22	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 11 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 12:35:00 PM
Lab ID:	1001J80-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	40		ug/Kg-dry	124640	1	02/04/2010 18:27	AK
2,4,5-TP (Silvex)	BRL	40		ug/Kg-dry	124640	1	02/04/2010 18:27	AK
2,4-D	BRL	40		ug/Kg-dry	124640	1	02/04/2010 18:27	AK
2,4-DB	BRL	200		ug/Kg-dry	124640	1	02/04/2010 18:27	AK
Dalapon	BRL	400		ug/Kg-dry	124640	1	02/04/2010 18:27	AK
Dicamba	BRL	40		ug/Kg-dry	124640	1	02/04/2010 18:27	AK
Dichlorprop	BRL	40		ug/Kg-dry	124640	1	02/04/2010 18:27	AK
Dinoseb	BRL	100		ug/Kg-dry	124640	1	02/04/2010 18:27	AK
MCPA	BRL	4000		ug/Kg-dry	124640	1	02/04/2010 18:27	AK
MCPP	BRL	4000		ug/Kg-dry	124640	1	02/04/2010 18:27	AK
Surr: DCAA	59.7	41.2-133		%REC	124640	1	02/04/2010 18:27	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.39		mg/Kg-dry	124632	1	02/03/2010 18:32	JY
Barium	10.7	5.39		mg/Kg-dry	124632	1	02/03/2010 18:32	JY
Cadmium	BRL	2.70		mg/Kg-dry	124632	1	02/03/2010 18:32	JY
Chromium	19.2	2.70		mg/Kg-dry	124632	1	02/03/2010 18:32	JY
Lead	6.30	5.39		mg/Kg-dry	124632	1	02/03/2010 18:32	JY
Selenium	BRL	5.39		mg/Kg-dry	124632	1	02/03/2010 18:32	JY
Silver	BRL	2.70		mg/Kg-dry	124632	1	02/03/2010 18:32	JY
PERCENT MOISTURE D2216								
Percent Moisture	16.7	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 2B 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 12:33:00 PM
Lab ID:	1001J80-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Dichlorodifluoromethane	BRL	8.9		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Chloromethane	BRL	8.9		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Vinyl chloride	BRL	8.9		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Bromomethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Chloroethane	BRL	8.9		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Trichlorofluoromethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
1,1-Dichloroethene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Acetone	BRL	89		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Freon-113	BRL	8.9		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Carbon disulfide	BRL	8.9		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Methyl acetate	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Methylene chloride	BRL	18		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Methyl tert-butyl ether	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
trans-1,2-Dichloroethene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
1,1-Dichloroethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
cis-1,2-Dichloroethene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
2-Butanone	BRL	44		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Chloroform	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
1,1,1-Trichloroethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Cyclohexane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Carbon tetrachloride	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Benzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
1,2-Dichloroethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Trichloroethene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Methylcyclohexane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
1,2-Dichloropropane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Bromodichloromethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
cis-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
4-Methyl-2-pentanone	BRL	8.9		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Toluene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
trans-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
1,1,2-Trichloroethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
2-Hexanone	BRL	8.9		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Tetrachloroethene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Dibromochloromethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
1,2-Dibromoethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Chlorobenzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Ethylbenzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Styrene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Bromoform	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 2B 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 12:33:00 PM
Lab ID:	1001J80-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Isopropylbenzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
1,3-Dichlorobenzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
1,4-Dichlorobenzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
1,2-Dichlorobenzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
1,2-Dibromo-3-chloropropane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
1,2,4-Trichlorobenzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Xylenes, Total	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 05:34	FA
Surr: 4-Bromofluorobenzene	100	58.2-140		%REC	124759	1	02/04/2010 05:34	FA
Surr: Dibromofluoromethane	105	71.1-132		%REC	124759	1	02/04/2010 05:34	FA
Surr: Toluene-d8	95.5	77.6-119		%REC	124759	1	02/04/2010 05:34	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.115		mg/Kg-dry	124615	1	02/02/2010 15:47	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
4,4´-DDE	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
4,4´-DDT	4.5	3.8		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
Aldrin	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
alpha-BHC	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
alpha-Chlordane	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
beta-BHC	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
delta-BHC	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
Dieldrin	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
Endosulfan II	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
Endrin	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
Endrin aldehyde	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
Endrin ketone	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
gamma-BHC	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
gamma-Chlordane	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
Heptachlor	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
Methoxychlor	BRL	19		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
Toxaphene	BRL	190		ug/Kg-dry	124630	1	02/08/2010 12:08	KD
Surr: Decachlorobiphenyl	73.2	31.9-146		%REC	124630	1	02/08/2010 12:08	KD
Surr: Tetrachloro-m-xylene	71	26-118		%REC	124630	1	02/08/2010 12:08	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 2B 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 12:33:00 PM
Lab ID:	1001J80-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	38		ug/Kg-dry	124640	1	02/04/2010 12:50	AK
2,4,5-TP (Silvex)	BRL	38		ug/Kg-dry	124640	1	02/04/2010 12:50	AK
2,4-D	BRL	38		ug/Kg-dry	124640	1	02/04/2010 12:50	AK
2,4-DB	BRL	200		ug/Kg-dry	124640	1	02/04/2010 12:50	AK
Dalapon	BRL	380		ug/Kg-dry	124640	1	02/04/2010 12:50	AK
Dicamba	BRL	38		ug/Kg-dry	124640	1	02/04/2010 12:50	AK
Dichlorprop	BRL	38		ug/Kg-dry	124640	1	02/04/2010 12:50	AK
Dinoseb	BRL	98		ug/Kg-dry	124640	1	02/04/2010 12:50	AK
MCPA	BRL	3800		ug/Kg-dry	124640	1	02/04/2010 12:50	AK
MCPP	BRL	3800		ug/Kg-dry	124640	1	02/04/2010 12:50	AK
Surr: DCAA	62.1	41.2-133		%REC	124640	1	02/04/2010 12:50	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.06		mg/Kg-dry	124632	1	02/03/2010 18:36	JY
Barium	9.45	5.06		mg/Kg-dry	124632	1	02/03/2010 18:36	JY
Cadmium	BRL	2.53		mg/Kg-dry	124632	1	02/03/2010 18:36	JY
Chromium	15.6	2.53		mg/Kg-dry	124632	1	02/03/2010 18:36	JY
Lead	5.48	5.06		mg/Kg-dry	124632	1	02/03/2010 18:36	JY
Selenium	BRL	5.06		mg/Kg-dry	124632	1	02/03/2010 18:36	JY
Silver	BRL	2.53		mg/Kg-dry	124632	1	02/03/2010 18:36	JY
PERCENT MOISTURE D2216								
Percent Moisture	13.4	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 12 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:31:00 PM
Lab ID:	1001J80-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	150		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Dichlorodifluoromethane	BRL	10.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Chloromethane	BRL	10.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Vinyl chloride	BRL	10.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Bromomethane	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Chloroethane	BRL	10.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Trichlorofluoromethane	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
1,1-Dichloroethene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Acetone	BRL	100		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Freon-113	BRL	10.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Carbon disulfide	BRL	10.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Methyl acetate	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Methylene chloride	BRL	20		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Methyl tert-butyl ether	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
trans-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
1,1-Dichloroethane	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
cis-1,2-Dichloroethene	12	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
2-Butanone	BRL	50		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Chloroform	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
1,1,1-Trichloroethane	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Cyclohexane	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Carbon tetrachloride	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Benzene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
1,2-Dichloroethane	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Trichloroethene	70	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Methylcyclohexane	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
1,2-Dichloropropane	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Bromodichloromethane	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
cis-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
4-Methyl-2-pentanone	BRL	10.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Toluene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
trans-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
1,1,2-Trichloroethane	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
2-Hexanone	BRL	10.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Tetrachloroethene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Dibromochloromethane	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
1,2-Dibromoethane	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Chlorobenzene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Ethylbenzene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Styrene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Bromoform	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 12 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:31:00 PM
Lab ID:	1001J80-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Isopropylbenzene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
1,3-Dichlorobenzene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
1,4-Dichlorobenzene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
1,2-Dichlorobenzene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
1,2,4-Trichlorobenzene	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Xylenes, Total	BRL	5.0		ug/Kg-dry	124759	1	02/04/2010 14:04	FA
Surr: 4-Bromofluorobenzene	87	58.2-140		%REC	124759	1	02/04/2010 14:04	FA
Surr: Dibromofluoromethane	110	71.1-132		%REC	124759	1	02/04/2010 14:04	FA
Surr: Toluene-d8	91.9	77.6-119		%REC	124759	1	02/04/2010 14:04	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.121		mg/Kg-dry	124615	1	02/02/2010 15:50	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	1800	200		ug/Kg-dry	124630	50	02/08/2010 20:09	KD
4,4´-DDE	480	20		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
4,4´-DDT	5500	200		ug/Kg-dry	124630	50	02/08/2010 20:09	KD
Aldrin	16	10		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
alpha-BHC	BRL	10		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
alpha-Chlordane	130	10		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
beta-BHC	18	10		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
delta-BHC	BRL	10		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
Dieldrin	270	20		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
Endosulfan I	BRL	10		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
Endosulfan II	BRL	20		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
Endosulfan sulfate	BRL	20		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
Endrin	190	20		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
Endrin aldehyde	BRL	20		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
Endrin ketone	440	20		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
gamma-BHC	BRL	20		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
gamma-Chlordane	140	10		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
Heptachlor	12	10		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
Heptachlor epoxide	BRL	10		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
Methoxychlor	270	100		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
Toxaphene	4300	1000		ug/Kg-dry	124630	5	02/08/2010 13:44	KD
Surr: Decachlorobiphenyl	127	31.9-146		%REC	124630	5	02/08/2010 13:44	KD
Surr: Tetrachloro-m-xylene	87.6	26-118		%REC	124630	5	02/08/2010 13:44	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	SS 12 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:31:00 PM
Lab ID:	1001J80-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	400		ug/Kg-dry	124640	10	02/08/2010 11:01	AK
2,4,5-TP (Silvex)	BRL	400		ug/Kg-dry	124640	10	02/08/2010 11:01	AK
2,4-D	BRL	400		ug/Kg-dry	124640	10	02/08/2010 11:01	AK
2,4-DB	BRL	2100		ug/Kg-dry	124640	10	02/08/2010 11:01	AK
Dalapon	BRL	4000		ug/Kg-dry	124640	10	02/08/2010 11:01	AK
Dicamba	BRL	400		ug/Kg-dry	124640	10	02/08/2010 11:01	AK
Dichlorprop	BRL	400		ug/Kg-dry	124640	10	02/08/2010 11:01	AK
Dinoseb	BRL	1000		ug/Kg-dry	124640	10	02/08/2010 11:01	AK
MCPA	BRL	40000		ug/Kg-dry	124640	10	02/08/2010 11:01	AK
MCPP	BRL	40000		ug/Kg-dry	124640	10	02/08/2010 11:01	AK
Surr: DCAA	0	41.2-133	S	%REC	124640	10	02/08/2010 11:01	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.79		mg/Kg-dry	124632	1	02/03/2010 18:39	JY
Barium	19.4	4.79		mg/Kg-dry	124632	1	02/03/2010 18:39	JY
Cadmium	BRL	2.39		mg/Kg-dry	124632	1	02/03/2010 18:39	JY
Chromium	18.9	2.39		mg/Kg-dry	124632	1	02/03/2010 18:39	JY
Lead	7.82	4.79		mg/Kg-dry	124632	1	02/03/2010 18:39	JY
Selenium	BRL	4.79		mg/Kg-dry	124632	1	02/03/2010 18:39	JY
Silver	BRL	2.39		mg/Kg-dry	124632	1	02/03/2010 18:39	JY
PERCENT MOISTURE D2216								
Percent Moisture	17.6	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 1 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 12:01:00 PM
Lab ID:	1001J80-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Dichlorodifluoromethane	BRL	9.3		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Chloromethane	BRL	9.3		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Vinyl chloride	BRL	9.3		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Bromomethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Chloroethane	BRL	9.3		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Trichlorofluoromethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
1,1-Dichloroethene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Acetone	BRL	93		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Freon-113	BRL	9.3		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Carbon disulfide	BRL	9.3		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Methyl acetate	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Methylene chloride	BRL	19		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Methyl tert-butyl ether	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
trans-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
1,1-Dichloroethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
cis-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
2-Butanone	BRL	47		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Chloroform	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
1,1,1-Trichloroethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Cyclohexane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Carbon tetrachloride	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Benzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
1,2-Dichloroethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Trichloroethene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Methylcyclohexane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
1,2-Dichloropropane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Bromodichloromethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
cis-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
4-Methyl-2-pentanone	BRL	9.3		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Toluene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
trans-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
1,1,2-Trichloroethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
2-Hexanone	BRL	9.3		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Tetrachloroethene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Dibromochloromethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
1,2-Dibromoethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Chlorobenzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Ethylbenzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Styrene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Bromoform	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 1 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 12:01:00 PM
Lab ID:	1001J80-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Isopropylbenzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
1,3-Dichlorobenzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
1,4-Dichlorobenzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
1,2-Dichlorobenzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
1,2-Dibromo-3-chloropropane	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
1,2,4-Trichlorobenzene	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Xylenes, Total	BRL	4.7		ug/Kg-dry	124759	1	02/04/2010 14:30	FA
Surr: 4-Bromofluorobenzene	91.9	58.2-140		%REC	124759	1	02/04/2010 14:30	FA
Surr: Dibromofluoromethane	108	71.1-132		%REC	124759	1	02/04/2010 14:30	FA
Surr: Toluene-d8	96.6	77.6-119		%REC	124759	1	02/04/2010 14:30	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.115		mg/Kg-dry	124615	1	02/02/2010 15:52	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
4,4´-DDE	4.4	3.8		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
4,4´-DDT	12	3.8		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
Aldrin	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
alpha-BHC	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
alpha-Chlordane	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
beta-BHC	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
delta-BHC	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
Dieldrin	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
Endosulfan II	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
Endrin	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
Endrin aldehyde	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
Endrin ketone	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
gamma-BHC	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
gamma-Chlordane	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
Heptachlor	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
Methoxychlor	BRL	19		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
Toxaphene	BRL	190		ug/Kg-dry	124630	1	02/08/2010 12:14	KD
Surr: Decachlorobiphenyl	73.1	31.9-146		%REC	124630	1	02/08/2010 12:14	KD
Surr: Tetrachloro-m-xylene	64.3	26-118		%REC	124630	1	02/08/2010 12:14	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 1 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 12:01:00 PM
Lab ID:	1001J80-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	38		ug/Kg-dry	124640	1	02/04/2010 14:38	AK
2,4,5-TP (Silvex)	BRL	38		ug/Kg-dry	124640	1	02/04/2010 14:38	AK
2,4-D	BRL	38		ug/Kg-dry	124640	1	02/04/2010 14:38	AK
2,4-DB	BRL	200		ug/Kg-dry	124640	1	02/04/2010 14:38	AK
Dalapon	BRL	380		ug/Kg-dry	124640	1	02/04/2010 14:38	AK
Dicamba	BRL	38		ug/Kg-dry	124640	1	02/04/2010 14:38	AK
Dichlorprop	BRL	38		ug/Kg-dry	124640	1	02/04/2010 14:38	AK
Dinoseb	BRL	98		ug/Kg-dry	124640	1	02/04/2010 14:38	AK
MCPA	BRL	3800		ug/Kg-dry	124640	1	02/04/2010 14:38	AK
MCPP	BRL	3800		ug/Kg-dry	124640	1	02/04/2010 14:38	AK
Surr: DCAA	22.5	41.2-133	S	%REC	124640	1	02/04/2010 14:38	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.22		mg/Kg-dry	124632	1	02/03/2010 18:43	JY
Barium	16.6	4.22		mg/Kg-dry	124632	1	02/03/2010 18:43	JY
Cadmium	BRL	2.11		mg/Kg-dry	124632	1	02/03/2010 18:43	JY
Chromium	21.7	2.11		mg/Kg-dry	124632	1	02/03/2010 18:43	JY
Lead	5.53	4.22		mg/Kg-dry	124632	1	02/03/2010 18:43	JY
Selenium	BRL	4.22		mg/Kg-dry	124632	1	02/03/2010 18:43	JY
Silver	BRL	2.11		mg/Kg-dry	124632	1	02/03/2010 18:43	JY
PERCENT MOISTURE D2216								
Percent Moisture	13.3	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

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- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 2 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 11:12:00 AM
Lab ID:	1001J80-025	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Dichlorodifluoromethane	BRL	9.0		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Chloromethane	BRL	9.0		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Vinyl chloride	BRL	9.0		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Bromomethane	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Chloroethane	BRL	9.0		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Trichlorofluoromethane	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Acetone	BRL	90		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Freon-113	BRL	9.0		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Carbon disulfide	BRL	9.0		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Methyl acetate	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Methylene chloride	BRL	18		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Methyl tert-butyl ether	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
1,1-Dichloroethane	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
2-Butanone	BRL	45		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Chloroform	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
1,1,1-Trichloroethane	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Cyclohexane	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Carbon tetrachloride	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Benzene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
1,2-Dichloroethane	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Trichloroethene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Methylcyclohexane	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
1,2-Dichloropropane	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Bromodichloromethane	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
cis-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
4-Methyl-2-pentanone	BRL	9.0		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Toluene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
trans-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
1,1,2-Trichloroethane	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
2-Hexanone	BRL	9.0		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Tetrachloroethene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Dibromochloromethane	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
1,2-Dibromoethane	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Chlorobenzene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Ethylbenzene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Styrene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Bromoform	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA

Qualifiers:

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- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 2 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 11:12:00 AM
Lab ID:	1001J80-025	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Isopropylbenzene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
1,3-Dichlorobenzene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
1,4-Dichlorobenzene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
1,2-Dichlorobenzene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
1,2-Dibromo-3-chloropropane	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
1,2,4-Trichlorobenzene	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Xylenes, Total	BRL	4.5		ug/Kg-dry	124759	1	02/04/2010 14:55	FA
Surr: 4-Bromofluorobenzene	98.1	58.2-140		%REC	124759	1	02/04/2010 14:55	FA
Surr: Dibromofluoromethane	107	71.1-132		%REC	124759	1	02/04/2010 14:55	FA
Surr: Toluene-d8	98.5	77.6-119		%REC	124759	1	02/04/2010 14:55	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.116		mg/Kg-dry	124615	1	02/02/2010 15:55	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
4,4´-DDE	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
4,4´-DDT	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
Aldrin	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
beta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
delta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
Dieldrin	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
Endosulfan II	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
Endrin	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
Endrin aldehyde	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
Endrin ketone	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
gamma-BHC	BRL	4.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
Heptachlor	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
Methoxychlor	BRL	20		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
Toxaphene	BRL	200		ug/Kg-dry	124630	1	02/08/2010 12:25	KD
Surr: Decachlorobiphenyl	74.1	31.9-146		%REC	124630	1	02/08/2010 12:25	KD
Surr: Tetrachloro-m-xylene	72.8	26-118		%REC	124630	1	02/08/2010 12:25	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
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- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 2 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 11:12:00 AM
Lab ID:	1001J80-025	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	39		ug/Kg-dry	124640	1	02/04/2010 15:06	AK
2,4,5-TP (Silvex)	BRL	39		ug/Kg-dry	124640	1	02/04/2010 15:06	AK
2,4-D	BRL	39		ug/Kg-dry	124640	1	02/04/2010 15:06	AK
2,4-DB	BRL	200		ug/Kg-dry	124640	1	02/04/2010 15:06	AK
Dalapon	BRL	390		ug/Kg-dry	124640	1	02/04/2010 15:06	AK
Dicamba	BRL	39		ug/Kg-dry	124640	1	02/04/2010 15:06	AK
Dichlorprop	BRL	39		ug/Kg-dry	124640	1	02/04/2010 15:06	AK
Dinoseb	BRL	100		ug/Kg-dry	124640	1	02/04/2010 15:06	AK
MCPA	BRL	3900		ug/Kg-dry	124640	1	02/04/2010 15:06	AK
MCPP	BRL	3900		ug/Kg-dry	124640	1	02/04/2010 15:06	AK
Surr: DCAA	53.7	41.2-133		%REC	124640	1	02/04/2010 15:06	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.78		mg/Kg-dry	124632	1	02/03/2010 18:47	JY
Barium	22.4	5.78		mg/Kg-dry	124632	1	02/03/2010 18:47	JY
Cadmium	BRL	2.89		mg/Kg-dry	124632	1	02/03/2010 18:47	JY
Chromium	21.4	2.89		mg/Kg-dry	124632	1	02/03/2010 18:47	JY
Lead	6.65	5.78		mg/Kg-dry	124632	1	02/03/2010 18:47	JY
Selenium	BRL	5.78		mg/Kg-dry	124632	1	02/03/2010 18:47	JY
Silver	BRL	2.89		mg/Kg-dry	124632	1	02/03/2010 18:47	JY
PERCENT MOISTURE D2216								
Percent Moisture	16.3	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 3 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 11:24:00 AM
Lab ID:	1001J80-026	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	180		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Dichlorodifluoromethane	BRL	12		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Chloromethane	BRL	12		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Vinyl chloride	BRL	12		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Bromomethane	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Chloroethane	BRL	12		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Trichlorofluoromethane	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
1,1-Dichloroethene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Acetone	BRL	120		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Freon-113	BRL	12		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Carbon disulfide	BRL	12		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Methyl acetate	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Methylene chloride	BRL	23		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Methyl tert-butyl ether	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
trans-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
1,1-Dichloroethane	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
cis-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
2-Butanone	BRL	58		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Chloroform	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
1,1,1-Trichloroethane	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Cyclohexane	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Carbon tetrachloride	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Benzene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
1,2-Dichloroethane	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Trichloroethene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Methylcyclohexane	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
1,2-Dichloropropane	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Bromodichloromethane	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
cis-1,3-Dichloropropene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
4-Methyl-2-pentanone	BRL	12		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Toluene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
trans-1,3-Dichloropropene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
1,1,2-Trichloroethane	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
2-Hexanone	BRL	12		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Tetrachloroethene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Dibromochloromethane	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
1,2-Dibromoethane	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Chlorobenzene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Ethylbenzene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Styrene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Bromoform	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 3 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 11:24:00 AM
Lab ID:	1001J80-026	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Isopropylbenzene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
1,3-Dichlorobenzene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
1,4-Dichlorobenzene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
1,2-Dichlorobenzene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
1,2-Dibromo-3-chloropropane	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
1,2,4-Trichlorobenzene	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Xylenes, Total	BRL	5.8		ug/Kg-dry	124759	1	02/04/2010 15:20	FA
Surr: 4-Bromofluorobenzene	97.4	58.2-140		%REC	124759	1	02/04/2010 15:20	FA
Surr: Dibromofluoromethane	97.4	71.1-132		%REC	124759	1	02/04/2010 15:20	FA
Surr: Toluene-d8	95.2	77.6-119		%REC	124759	1	02/04/2010 15:20	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.114		mg/Kg-dry	124615	1	02/02/2010 15:58	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
4,4´-DDE	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
4,4´-DDT	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
Aldrin	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
beta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
delta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
Dieldrin	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
Endosulfan II	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
Endrin	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
Endrin aldehyde	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
Endrin ketone	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
gamma-BHC	BRL	3.9		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
Heptachlor	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
Methoxychlor	BRL	20		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
Toxaphene	BRL	200		ug/Kg-dry	124630	1	02/08/2010 12:38	KD
Surr: Decachlorobiphenyl	102	31.9-146		%REC	124630	1	02/08/2010 12:38	KD
Surr: Tetrachloro-m-xylene	76.4	26-118		%REC	124630	1	02/08/2010 12:38	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 3 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 11:24:00 AM
Lab ID:	1001J80-026	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	39		ug/Kg-dry	124640	1	02/04/2010 15:35	AK
2,4,5-TP (Silvex)	BRL	39		ug/Kg-dry	124640	1	02/04/2010 15:35	AK
2,4-D	BRL	39		ug/Kg-dry	124640	1	02/04/2010 15:35	AK
2,4-DB	BRL	200		ug/Kg-dry	124640	1	02/04/2010 15:35	AK
Dalapon	BRL	390		ug/Kg-dry	124640	1	02/04/2010 15:35	AK
Dicamba	BRL	39		ug/Kg-dry	124640	1	02/04/2010 15:35	AK
Dichlorprop	BRL	39		ug/Kg-dry	124640	1	02/04/2010 15:35	AK
Dinoseb	BRL	100		ug/Kg-dry	124640	1	02/04/2010 15:35	AK
MCPA	BRL	3900		ug/Kg-dry	124640	1	02/04/2010 15:35	AK
MCPP	BRL	3900		ug/Kg-dry	124640	1	02/04/2010 15:35	AK
Surr: DCAA	58.2	41.2-133		%REC	124640	1	02/04/2010 15:35	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	5.06		mg/Kg-dry	124653	1	02/03/2010 22:23	JY
Barium	9.30	5.06		mg/Kg-dry	124653	1	02/03/2010 22:23	JY
Cadmium	BRL	2.53		mg/Kg-dry	124653	1	02/03/2010 22:23	JY
Chromium	24.6	2.53		mg/Kg-dry	124653	1	02/03/2010 22:23	JY
Lead	5.41	5.06		mg/Kg-dry	124653	1	02/03/2010 22:23	JY
Selenium	BRL	5.06		mg/Kg-dry	124653	1	02/03/2010 22:23	JY
Silver	BRL	2.53		mg/Kg-dry	124653	1	02/03/2010 22:23	JY
PERCENT MOISTURE D2216								
Percent Moisture	15.0	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 3 DUP 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 11:33:00 AM
Lab ID:	1001J80-027	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	190		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Dichlorodifluoromethane	BRL	13		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Chloromethane	BRL	13		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Vinyl chloride	BRL	13		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Bromomethane	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Chloroethane	BRL	13		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Trichlorofluoromethane	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
1,1-Dichloroethene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Acetone	BRL	130		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Freon-113	BRL	13		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Carbon disulfide	BRL	13		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Methyl acetate	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Methylene chloride	BRL	25		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Methyl tert-butyl ether	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
trans-1,2-Dichloroethene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
1,1-Dichloroethane	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
cis-1,2-Dichloroethene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
2-Butanone	BRL	63		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Chloroform	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
1,1,1-Trichloroethane	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Cyclohexane	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Carbon tetrachloride	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Benzene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
1,2-Dichloroethane	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Trichloroethene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Methylcyclohexane	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
1,2-Dichloropropane	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Bromodichloromethane	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
cis-1,3-Dichloropropene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
4-Methyl-2-pentanone	BRL	13		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Toluene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
trans-1,3-Dichloropropene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
1,1,2-Trichloroethane	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
2-Hexanone	BRL	13		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Tetrachloroethene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Dibromochloromethane	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
1,2-Dibromoethane	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Chlorobenzene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Ethylbenzene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Styrene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Bromoform	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 3 DUP 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 11:33:00 AM
Lab ID:	1001J80-027	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Isopropylbenzene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
1,3-Dichlorobenzene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
1,4-Dichlorobenzene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
1,2-Dichlorobenzene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
1,2-Dibromo-3-chloropropane	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
1,2,4-Trichlorobenzene	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Xylenes, Total	BRL	6.3		ug/Kg-dry	124759	1	02/04/2010 15:45	FA
Surr: 4-Bromofluorobenzene	93.9	58.2-140		%REC	124759	1	02/04/2010 15:45	FA
Surr: Dibromofluoromethane	108	71.1-132		%REC	124759	1	02/04/2010 15:45	FA
Surr: Toluene-d8	99.1	77.6-119		%REC	124759	1	02/04/2010 15:45	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.117		mg/Kg-dry	124731	1	02/04/2010 13:03	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
4,4´-DDE	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
4,4´-DDT	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 14:26	KD
Aldrin	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
beta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
delta-BHC	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
Dieldrin	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
Endosulfan II	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
Endrin	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
Endrin aldehyde	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
Endrin ketone	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
gamma-BHC	BRL	3.9		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
Heptachlor	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	124630	1	02/05/2010 01:40	KD
Methoxychlor	BRL	20		ug/Kg-dry	124630	1	02/05/2010 14:26	KD
Toxaphene	BRL	200		ug/Kg-dry	124630	1	02/05/2010 14:26	KD
Surr: Decachlorobiphenyl	69.2	31.9-146		%REC	124630	1	02/05/2010 01:40	KD
Surr: Tetrachloro-m-xylene	72.1	26-118		%REC	124630	1	02/05/2010 01:40	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 3 DUP 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 11:33:00 AM
Lab ID:	1001J80-027	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	39		ug/Kg-dry	124640	1	02/04/2010 16:03	AK
2,4,5-TP (Silvex)	BRL	39		ug/Kg-dry	124640	1	02/04/2010 16:03	AK
2,4-D	BRL	39		ug/Kg-dry	124640	1	02/04/2010 16:03	AK
2,4-DB	BRL	200		ug/Kg-dry	124640	1	02/04/2010 16:03	AK
Dalapon	BRL	390		ug/Kg-dry	124640	1	02/04/2010 16:03	AK
Dicamba	BRL	39		ug/Kg-dry	124640	1	02/04/2010 16:03	AK
Dichlorprop	BRL	39		ug/Kg-dry	124640	1	02/04/2010 16:03	AK
Dinoseb	BRL	100		ug/Kg-dry	124640	1	02/04/2010 16:03	AK
MCPA	BRL	3900		ug/Kg-dry	124640	1	02/04/2010 16:03	AK
MCPP	BRL	3900		ug/Kg-dry	124640	1	02/04/2010 16:03	AK
Surr: DCAA	52.9	41.2-133		%REC	124640	1	02/04/2010 16:03	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.35		mg/Kg-dry	124653	1	02/03/2010 22:45	JY
Barium	10.2	4.35		mg/Kg-dry	124653	1	02/03/2010 22:45	JY
Cadmium	BRL	2.17		mg/Kg-dry	124653	1	02/03/2010 22:45	JY
Chromium	25.7	2.17		mg/Kg-dry	124653	1	02/03/2010 22:45	JY
Lead	5.38	4.35		mg/Kg-dry	124653	1	02/03/2010 22:45	JY
Selenium	BRL	4.35		mg/Kg-dry	124653	1	02/03/2010 22:45	JY
Silver	BRL	2.17		mg/Kg-dry	124653	1	02/03/2010 22:45	JY
PERCENT MOISTURE D2216								
Percent Moisture	15.5	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 4 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 11:45:00 AM
Lab ID:	1001J80-028	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Dichlorodifluoromethane	BRL	8.8		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Chloromethane	BRL	8.8		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Vinyl chloride	BRL	8.8		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Bromomethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Chloroethane	BRL	8.8		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Trichlorofluoromethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
1,1-Dichloroethene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Acetone	BRL	88		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Freon-113	BRL	8.8		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Carbon disulfide	BRL	8.8		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Methyl acetate	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Methylene chloride	BRL	18		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Methyl tert-butyl ether	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
trans-1,2-Dichloroethene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
1,1-Dichloroethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
cis-1,2-Dichloroethene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
2-Butanone	BRL	44		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Chloroform	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
1,1,1-Trichloroethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Cyclohexane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Carbon tetrachloride	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Benzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
1,2-Dichloroethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Trichloroethene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Methylcyclohexane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
1,2-Dichloropropane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Bromodichloromethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
cis-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
4-Methyl-2-pentanone	BRL	8.8		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Toluene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
trans-1,3-Dichloropropene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
1,1,2-Trichloroethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
2-Hexanone	BRL	8.8		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Tetrachloroethene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Dibromochloromethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
1,2-Dibromoethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Chlorobenzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Ethylbenzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Styrene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Bromoform	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 4 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 11:45:00 AM
Lab ID:	1001J80-028	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Isopropylbenzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
1,3-Dichlorobenzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
1,4-Dichlorobenzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
1,2-Dichlorobenzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
1,2-Dibromo-3-chloropropane	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
1,2,4-Trichlorobenzene	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Xylenes, Total	BRL	4.4		ug/Kg-dry	124759	1	02/04/2010 16:10	FA
Surr: 4-Bromofluorobenzene	92.6	58.2-140		%REC	124759	1	02/04/2010 16:10	FA
Surr: Dibromofluoromethane	113	71.1-132		%REC	124759	1	02/04/2010 16:10	FA
Surr: Toluene-d8	97.1	77.6-119		%REC	124759	1	02/04/2010 16:10	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.113		mg/Kg-dry	124731	1	02/04/2010 13:12	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
4,4´-DDE	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
4,4´-DDT	4.2	3.8		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
Aldrin	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
alpha-BHC	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
alpha-Chlordane	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
beta-BHC	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
delta-BHC	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
Dieldrin	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
Endosulfan II	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
Endrin	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
Endrin aldehyde	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
Endrin ketone	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
gamma-BHC	BRL	3.8		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
gamma-Chlordane	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
Heptachlor	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
Methoxychlor	BRL	19		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
Toxaphene	BRL	190		ug/Kg-dry	124630	1	02/08/2010 12:49	KD
Surr: Decachlorobiphenyl	79.3	31.9-146		%REC	124630	1	02/08/2010 12:49	KD
Surr: Tetrachloro-m-xylene	50.6	26-118		%REC	124630	1	02/08/2010 12:49	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	GP 4 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 11:45:00 AM
Lab ID:	1001J80-028	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	38		ug/Kg-dry	124640	1	02/04/2010 16:32	AK
2,4,5-TP (Silvex)	BRL	38		ug/Kg-dry	124640	1	02/04/2010 16:32	AK
2,4-D	BRL	38		ug/Kg-dry	124640	1	02/04/2010 16:32	AK
2,4-DB	BRL	200		ug/Kg-dry	124640	1	02/04/2010 16:32	AK
Dalapon	BRL	380		ug/Kg-dry	124640	1	02/04/2010 16:32	AK
Dicamba	BRL	38		ug/Kg-dry	124640	1	02/04/2010 16:32	AK
Dichlorprop	BRL	38		ug/Kg-dry	124640	1	02/04/2010 16:32	AK
Dinoseb	BRL	98		ug/Kg-dry	124640	1	02/04/2010 16:32	AK
MCPA	BRL	3800		ug/Kg-dry	124640	1	02/04/2010 16:32	AK
MCPP	BRL	3800		ug/Kg-dry	124640	1	02/04/2010 16:32	AK
Surr: DCAA	90.2	41.2-133		%REC	124640	1	02/04/2010 16:32	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	3.45		mg/Kg-dry	124653	1	02/03/2010 22:49	JY
Barium	20.3	3.45		mg/Kg-dry	124653	1	02/03/2010 22:49	JY
Cadmium	BRL	1.72		mg/Kg-dry	124653	1	02/03/2010 22:49	JY
Chromium	17.5	1.72		mg/Kg-dry	124653	1	02/03/2010 22:49	JY
Lead	5.85	3.45		mg/Kg-dry	124653	1	02/03/2010 22:49	JY
Selenium	BRL	3.45		mg/Kg-dry	124653	1	02/03/2010 22:49	JY
Silver	BRL	1.72		mg/Kg-dry	124653	1	02/03/2010 22:49	JY
PERCENT MOISTURE D2216								
Percent Moisture	13.3	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 1 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:21:00 PM
Lab ID:	1001J80-029	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	160		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Chloromethane	BRL	10		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Vinyl chloride	BRL	10		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Bromomethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Chloroethane	BRL	10		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Trichlorofluoromethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
1,1-Dichloroethene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Acetone	BRL	100		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Freon-113	BRL	10		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Carbon disulfide	BRL	10		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Methyl acetate	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Methylene chloride	BRL	21		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Methyl tert-butyl ether	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
trans-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
1,1-Dichloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
cis-1,2-Dichloroethene	120	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
2-Butanone	BRL	52		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Chloroform	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
1,1,1-Trichloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Cyclohexane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Carbon tetrachloride	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Benzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
1,2-Dichloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Trichloroethene	37	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Methylcyclohexane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
1,2-Dichloropropane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Bromodichloromethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
cis-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Toluene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
trans-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
1,1,2-Trichloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
2-Hexanone	BRL	10		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Tetrachloroethene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Dibromochloromethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
1,2-Dibromoethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Chlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Ethylbenzene	53	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Styrene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Bromoform	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 1 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:21:00 PM
Lab ID:	1001J80-029	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Isopropylbenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
1,3-Dichlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
1,4-Dichlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
1,2-Dichlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
1,2-Dibromo-3-chloropropane	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
1,2,4-Trichlorobenzene	BRL	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Xylenes, Total	420	5.2		ug/Kg-dry	124759	1	02/04/2010 16:36	FA
Surr: 4-Bromofluorobenzene	103	58.2-140		%REC	124759	1	02/04/2010 16:36	FA
Surr: Dibromofluoromethane	111	71.1-132		%REC	124759	1	02/04/2010 16:36	FA
Surr: Toluene-d8	99.5	77.6-119		%REC	124759	1	02/04/2010 16:36	FA
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.116		mg/Kg-dry	124731	1	02/04/2010 13:14	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	32000	3900		ug/Kg-dry	124630	1000	02/08/2010 20:31	KD
4,4´-DDE	2800	390		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
4,4´-DDT	180000	7800		ug/Kg-dry	124630	2000	02/09/2010 19:11	KD
Aldrin	1400	200		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
alpha-BHC	300	200		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
alpha-Chlordane	4300	200		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
beta-BHC	BRL	200		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
delta-BHC	210	200		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
Dieldrin	2800	390		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
Endosulfan I	BRL	200		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
Endosulfan II	BRL	390		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
Endosulfan sulfate	BRL	390		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
Endrin	11000	390		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
Endrin aldehyde	BRL	390		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
Endrin ketone	5400	390		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
gamma-BHC	BRL	390		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
gamma-Chlordane	5200	200		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
Heptachlor	2300	200		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
Heptachlor epoxide	BRL	200		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
Methoxychlor	7800	2000		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
Toxaphene	98000	20000		ug/Kg-dry	124630	100	02/08/2010 14:33	KD
Surr: Decachlorobiphenyl	0	31.9-146	S	%REC	124630	100	02/08/2010 14:33	KD
Surr: Tetrachloro-m-xylene	0	26-118	S	%REC	124630	100	02/08/2010 14:33	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 1 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:21:00 PM
Lab ID:	1001J80-029	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	770		ug/Kg-dry	124640	20	02/08/2010 11:29	AK
2,4,5-TP (Silvex)	BRL	770		ug/Kg-dry	124640	20	02/08/2010 11:29	AK
2,4-D	BRL	770		ug/Kg-dry	124640	20	02/08/2010 11:29	AK
2,4-DB	BRL	4000		ug/Kg-dry	124640	20	02/08/2010 11:29	AK
Dalapon	BRL	7700		ug/Kg-dry	124640	20	02/08/2010 11:29	AK
Dicamba	BRL	770		ug/Kg-dry	124640	20	02/08/2010 11:29	AK
Dichlorprop	BRL	770		ug/Kg-dry	124640	20	02/08/2010 11:29	AK
Dinoseb	BRL	2000		ug/Kg-dry	124640	20	02/08/2010 11:29	AK
MCPA	BRL	77000		ug/Kg-dry	124640	20	02/08/2010 11:29	AK
MCPP	BRL	77000		ug/Kg-dry	124640	20	02/08/2010 11:29	AK
Surr: DCAA	0	41.2-133	S	%REC	124640	20	02/08/2010 11:29	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.61		mg/Kg-dry	124653	1	02/03/2010 22:59	JY
Barium	8.59	4.61		mg/Kg-dry	124653	1	02/03/2010 22:59	JY
Cadmium	BRL	2.30		mg/Kg-dry	124653	1	02/03/2010 22:59	JY
Chromium	21.3	2.30		mg/Kg-dry	124653	1	02/03/2010 22:59	JY
Lead	4.88	4.61		mg/Kg-dry	124653	1	02/03/2010 22:59	JY
Selenium	BRL	4.61		mg/Kg-dry	124653	1	02/03/2010 22:59	JY
Silver	BRL	2.30		mg/Kg-dry	124653	1	02/03/2010 22:59	JY
PERCENT MOISTURE D2216								
Percent Moisture	14.7	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 2 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:38:00 PM
Lab ID:	1001J80-030	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	18000		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Dichlorodifluoromethane	BRL	1200		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Chloromethane	BRL	1200		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Vinyl chloride	BRL	1200		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Bromomethane	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Chloroethane	BRL	1200		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Trichlorofluoromethane	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
1,1-Dichloroethene	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Acetone	BRL	12000		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Freon-113	BRL	1200		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Carbon disulfide	BRL	1200		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Methyl acetate	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Methylene chloride	BRL	2500		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Methyl tert-butyl ether	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
trans-1,2-Dichloroethene	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
1,1-Dichloroethane	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
cis-1,2-Dichloroethene	9800	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
2-Butanone	BRL	6200		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Chloroform	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
1,1,1-Trichloroethane	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Cyclohexane	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Carbon tetrachloride	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Benzene	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
1,2-Dichloroethane	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Trichloroethene	36000	31000		ug/Kg-dry	124709	5000	02/08/2010 13:31	NK
Methylcyclohexane	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
1,2-Dichloropropane	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Bromodichloromethane	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
cis-1,3-Dichloropropene	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
4-Methyl-2-pentanone	BRL	1200		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Toluene	13000	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
trans-1,3-Dichloropropene	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
1,1,2-Trichloroethane	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
2-Hexanone	BRL	1200		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Tetrachloroethene	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Dibromochloromethane	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
1,2-Dibromoethane	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Chlorobenzene	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Ethylbenzene	680000	31000		ug/Kg-dry	124709	5000	02/08/2010 13:31	NK
Styrene	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Bromoform	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 2 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:38:00 PM
Lab ID:	1001J80-030	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Isopropylbenzene	10000	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
1,3-Dichlorobenzene	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
1,4-Dichlorobenzene	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
1,2-Dichlorobenzene	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
1,2-Dibromo-3-chloropropane	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
1,2,4-Trichlorobenzene	BRL	620		ug/Kg-dry	124709	100	02/05/2010 16:27	JE
Xylenes, Total	4200000	310000		ug/Kg-dry	124709	50000	02/08/2010 16:13	NK
Surr: 4-Bromofluorobenzene	96.1	58.2-140		%REC	124709	50000	02/08/2010 16:13	NK
Surr: 4-Bromofluorobenzene	95.5	58.2-140		%REC	124709	5000	02/08/2010 13:31	NK
Surr: 4-Bromofluorobenzene	115	58.2-140		%REC	124709	100	02/05/2010 16:27	JE
Surr: Dibromofluoromethane	106	71.1-132		%REC	124709	50000	02/08/2010 16:13	NK
Surr: Dibromofluoromethane	101	71.1-132		%REC	124709	5000	02/08/2010 13:31	NK
Surr: Dibromofluoromethane	89.8	71.1-132		%REC	124709	100	02/05/2010 16:27	JE
Surr: Toluene-d8	101	77.6-119		%REC	124709	50000	02/08/2010 16:13	NK
Surr: Toluene-d8	103	77.6-119		%REC	124709	5000	02/08/2010 13:31	NK
Surr: Toluene-d8	101	77.6-119		%REC	124709	100	02/05/2010 16:27	JE
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.119		mg/Kg-dry	124731	1	02/04/2010 13:16	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	4800	210		ug/Kg-dry	124630	50	02/08/2010 20:42	KD
4,4´-DDE	690	41		ug/Kg-dry	124630	10	02/08/2010 14:55	KD
4,4´-DDT	5300	210		ug/Kg-dry	124630	50	02/08/2010 20:42	KD
Aldrin	43	10		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
alpha-BHC	19	10		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
alpha-Chlordane	340	21		ug/Kg-dry	124630	10	02/08/2010 14:55	KD
beta-BHC	19	10		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
delta-BHC	22	10		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
Dieldrin	600	21		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
Endosulfan I	BRL	10		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
Endosulfan II	BRL	21		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
Endosulfan sulfate	BRL	21		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
Endrin	120	21		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
Endrin aldehyde	BRL	21		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
Endrin ketone	260	21		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
gamma-BHC	28	21		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
gamma-Chlordane	300	10		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
Heptachlor	28	10		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
Heptachlor epoxide	BRL	10		ug/Kg-dry	124630	5	02/08/2010 14:44	KD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 2 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:38:00 PM
Lab ID:	1001J80-030	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
Methoxychlor	BRL	100		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
Toxaphene	5900	1000		ug/Kg-dry	124630	5	02/08/2010 14:44	KD
Surr: Decachlorobiphenyl	145	31.9-146		%REC	124630	5	02/08/2010 14:44	KD
Surr: Tetrachloro-m-xylene	89.8	26-118		%REC	124630	5	02/08/2010 14:44	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	410		ug/Kg-dry	124640	10	02/08/2010 12:26	AK
2,4,5-TP (Silvex)	BRL	410		ug/Kg-dry	124640	10	02/08/2010 12:26	AK
2,4-D	BRL	410		ug/Kg-dry	124640	10	02/08/2010 12:26	AK
2,4-DB	BRL	2100		ug/Kg-dry	124640	10	02/08/2010 12:26	AK
Dalapon	BRL	4100		ug/Kg-dry	124640	10	02/08/2010 12:26	AK
Dicamba	BRL	410		ug/Kg-dry	124640	10	02/08/2010 12:26	AK
Dichlorprop	BRL	410		ug/Kg-dry	124640	10	02/08/2010 12:26	AK
Dinoseb	BRL	1000		ug/Kg-dry	124640	10	02/08/2010 12:26	AK
MCPA	BRL	41000		ug/Kg-dry	124640	10	02/08/2010 12:26	AK
MCPP	BRL	41000		ug/Kg-dry	124640	10	02/08/2010 12:26	AK
Surr: DCAA	0	41.2-133	S	%REC	124640	10	02/08/2010 12:26	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.33		mg/Kg-dry	124653	1	02/03/2010 23:03	JY
Barium	11.0	4.33		mg/Kg-dry	124653	1	02/03/2010 23:03	JY
Cadmium	BRL	2.17		mg/Kg-dry	124653	1	02/03/2010 23:03	JY
Chromium	16.0	2.17		mg/Kg-dry	124653	1	02/03/2010 23:03	JY
Lead	4.63	4.33		mg/Kg-dry	124653	1	02/03/2010 23:03	JY
Selenium	BRL	4.33		mg/Kg-dry	124653	1	02/03/2010 23:03	JY
Silver	BRL	2.17		mg/Kg-dry	124653	1	02/03/2010 23:03	JY
PERCENT MOISTURE D2216								
Percent Moisture	18.8	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 2 3' DUP
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:58:00 PM
Lab ID:	1001J80-031	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	770000		ug/Kg-dry	124709	5000	02/09/2010 14:45	JC
Dichlorodifluoromethane	BRL	51000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Chloromethane	BRL	51000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Vinyl chloride	BRL	51000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Bromomethane	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Chloroethane	BRL	51000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Trichlorofluoromethane	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
1,1-Dichloroethene	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Acetone	BRL	510000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Freon-113	BRL	51000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Carbon disulfide	BRL	51000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Methyl acetate	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Methylene chloride	BRL	100000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Methyl tert-butyl ether	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
trans-1,2-Dichloroethene	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
1,1-Dichloroethane	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
cis-1,2-Dichloroethene	6900	5100		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
2-Butanone	BRL	260000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Chloroform	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
1,1,1-Trichloroethane	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Cyclohexane	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Carbon tetrachloride	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Benzene	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
1,2-Dichloroethane	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Trichloroethene	18000	5100		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Methylcyclohexane	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
1,2-Dichloropropane	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Bromodichloromethane	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
cis-1,3-Dichloropropene	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
4-Methyl-2-pentanone	BRL	51000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Toluene	8100	5100		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
trans-1,3-Dichloropropene	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
1,1,2-Trichloroethane	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
2-Hexanone	BRL	51000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Tetrachloroethene	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Dibromochloromethane	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
1,2-Dibromoethane	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Chlorobenzene	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Ethylbenzene	370000	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Styrene	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Bromoform	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK

Qualifiers:

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- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
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Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 2 3' DUP
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:58:00 PM
Lab ID:	1001J80-031	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Isopropylbenzene	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
1,3-Dichlorobenzene	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
1,4-Dichlorobenzene	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
1,2-Dichlorobenzene	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
1,2-Dibromo-3-chloropropane	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
1,2,4-Trichlorobenzene	BRL	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Xylenes, Total	2400000	26000		ug/Kg-dry	124709	5000	02/08/2010 15:14	NK
Surr: 4-Bromofluorobenzene	95.2	58.2-140		%REC	124709	5000	02/08/2010 15:14	NK
Surr: 4-Bromofluorobenzene	100	58.2-140		%REC	124709	5000	02/09/2010 14:45	JC
Surr: Dibromofluoromethane	102	71.1-132		%REC	124709	5000	02/09/2010 14:45	JC
Surr: Dibromofluoromethane	106	71.1-132		%REC	124709	5000	02/08/2010 15:14	NK
Surr: Toluene-d8	101	77.6-119		%REC	124709	5000	02/09/2010 14:45	JC
Surr: Toluene-d8	103	77.6-119		%REC	124709	5000	02/08/2010 15:14	NK
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.116		mg/Kg-dry	124731	1	02/04/2010 14:03	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	6400	390		ug/Kg-dry	124699	100	02/09/2010 18:04	KD
4,4´-DDE	770	78		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
4,4´-DDT	23000	1900		ug/Kg-dry	124699	500	02/10/2010 16:10	KD
Aldrin	830	39		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
alpha-BHC	870	39		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
alpha-Chlordane	510	39		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
beta-BHC	260	39		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
delta-BHC	1100	39		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
Dieldrin	840	78		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
Endosulfan I	BRL	39		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
Endosulfan II	BRL	78		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
Endosulfan sulfate	BRL	78		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
Endrin	3400	390		ug/Kg-dry	124699	100	02/09/2010 18:04	KD
Endrin aldehyde	BRL	78		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
Endrin ketone	800	78		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
gamma-BHC	1300	78		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
gamma-Chlordane	680	39		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
Heptachlor	980	39		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
Heptachlor epoxide	BRL	39		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
Methoxychlor	BRL	390		ug/Kg-dry	124699	20	02/09/2010 17:53	KD
Toxaphene	38000	19000		ug/Kg-dry	124699	100	02/09/2010 18:04	KD
Surr: Decachlorobiphenyl	257	31.9-146	S	%REC	124699	20	02/09/2010 17:53	KD

Qualifiers:

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Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 2 3' DUP
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:58:00 PM
Lab ID:	1001J80-031	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
Surr: Tetrachloro-m-xylene	235	26-118	S	%REC	124699	20	02/09/2010 17:53	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	380		ug/Kg-dry	124640	10	02/08/2010 13:52	AK
2,4,5-TP (Silvex)	BRL	380		ug/Kg-dry	124640	10	02/08/2010 13:52	AK
2,4-D	BRL	380		ug/Kg-dry	124640	10	02/08/2010 13:52	AK
2,4-DB	BRL	2000		ug/Kg-dry	124640	10	02/08/2010 13:52	AK
Dalapon	BRL	3800		ug/Kg-dry	124640	10	02/08/2010 13:52	AK
Dicamba	BRL	380		ug/Kg-dry	124640	10	02/08/2010 13:52	AK
Dichlorprop	BRL	380		ug/Kg-dry	124640	10	02/08/2010 13:52	AK
Dinoseb	BRL	990		ug/Kg-dry	124640	10	02/08/2010 13:52	AK
MCPA	BRL	38000		ug/Kg-dry	124640	10	02/08/2010 13:52	AK
MCPP	BRL	38000		ug/Kg-dry	124640	10	02/08/2010 13:52	AK
Surr: DCAA	0	41.2-133	S	%REC	124640	10	02/08/2010 13:52	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.64		mg/Kg-dry	124653	1	02/03/2010 23:06	JY
Barium	11.4	4.64		mg/Kg-dry	124653	1	02/03/2010 23:06	JY
Cadmium	BRL	2.32		mg/Kg-dry	124653	1	02/03/2010 23:06	JY
Chromium	17.5	2.32		mg/Kg-dry	124653	1	02/03/2010 23:06	JY
Lead	6.04	4.64		mg/Kg-dry	124653	1	02/03/2010 23:06	JY
Selenium	BRL	4.64		mg/Kg-dry	124653	1	02/03/2010 23:06	JY
Silver	BRL	2.32		mg/Kg-dry	124653	1	02/03/2010 23:06	JY
PERCENT MOISTURE D2216								
Percent Moisture	14.3	0		wt%	R164903	1	02/03/2010 12:00	AS

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- S Spike Recovery outside limits due to matrix
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Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 3 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:57:00 PM
Lab ID:	1001J80-032	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	13000		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Dichlorodifluoromethane	BRL	900		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Chloromethane	BRL	900		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Vinyl chloride	3200	900		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Bromomethane	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Chloroethane	BRL	900		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Trichlorofluoromethane	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
1,1-Dichloroethene	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Acetone	BRL	9000		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Freon-113	BRL	900		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Carbon disulfide	BRL	900		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Methyl acetate	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Methylene chloride	BRL	1800		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Methyl tert-butyl ether	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
trans-1,2-Dichloroethene	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
1,1-Dichloroethane	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
cis-1,2-Dichloroethene	3600	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
2-Butanone	BRL	4500		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Chloroform	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
1,1,1-Trichloroethane	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Cyclohexane	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Carbon tetrachloride	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Benzene	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
1,2-Dichloroethane	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Trichloroethene	810	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Methylcyclohexane	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
1,2-Dichloropropane	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Bromodichloromethane	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
cis-1,3-Dichloropropene	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
4-Methyl-2-pentanone	BRL	900		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Toluene	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
trans-1,3-Dichloropropene	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
1,1,2-Trichloroethane	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
2-Hexanone	BRL	900		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Tetrachloroethene	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Dibromochloromethane	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
1,2-Dibromoethane	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Chlorobenzene	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Ethylbenzene	8900	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Styrene	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Bromoform	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC

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Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 3 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:57:00 PM
Lab ID:	1001J80-032	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Isopropylbenzene	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
1,3-Dichlorobenzene	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
1,4-Dichlorobenzene	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
1,2-Dichlorobenzene	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
1,2-Dibromo-3-chloropropane	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
1,2,4-Trichlorobenzene	BRL	450		ug/Kg-dry	124709	100	02/09/2010 14:18	JC
Xylenes, Total	52000	22000		ug/Kg-dry	124709	5000	02/08/2010 15:40	NK
Surr: 4-Bromofluorobenzene	96.2	58.2-140		%REC	124709	5000	02/08/2010 15:40	NK
Surr: 4-Bromofluorobenzene	97	58.2-140		%REC	124709	100	02/09/2010 14:18	JC
Surr: Dibromofluoromethane	106	71.1-132		%REC	124709	5000	02/08/2010 15:40	NK
Surr: Dibromofluoromethane	102	71.1-132		%REC	124709	100	02/09/2010 14:18	JC
Surr: Toluene-d8	100	77.6-119		%REC	124709	5000	02/08/2010 15:40	NK
Surr: Toluene-d8	99.6	77.6-119		%REC	124709	100	02/09/2010 14:18	JC
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.114		mg/Kg-dry	124731	1	02/04/2010 14:05	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	48000	1900		ug/Kg-dry	124699	500	02/10/2010 16:21	KD
4,4´-DDE	3300	390		ug/Kg-dry	124699	100	02/09/2010 18:26	KD
4,4´-DDT	3700	390		ug/Kg-dry	124699	100	02/09/2010 18:26	KD
Aldrin	940	39		ug/Kg-dry	124699	20	02/09/2010 18:15	KD
alpha-BHC	670	39		ug/Kg-dry	124699	20	02/09/2010 18:15	KD
alpha-Chlordane	7600	970		ug/Kg-dry	124699	500	02/10/2010 16:21	KD
beta-BHC	BRL	39		ug/Kg-dry	124699	20	02/09/2010 18:15	KD
delta-BHC	1200	39		ug/Kg-dry	124699	20	02/09/2010 18:15	KD
Dieldrin	8900	390		ug/Kg-dry	124699	100	02/09/2010 18:26	KD
Endosulfan I	BRL	39		ug/Kg-dry	124699	20	02/09/2010 18:15	KD
Endosulfan II	BRL	78		ug/Kg-dry	124699	20	02/09/2010 18:15	KD
Endosulfan sulfate	BRL	78		ug/Kg-dry	124699	20	02/09/2010 18:15	KD
Endrin	BRL	78		ug/Kg-dry	124699	20	02/09/2010 18:15	KD
Endrin aldehyde	BRL	78		ug/Kg-dry	124699	20	02/09/2010 18:15	KD
Endrin ketone	1800	78		ug/Kg-dry	124699	20	02/09/2010 18:15	KD
gamma-BHC	590	78		ug/Kg-dry	124699	20	02/09/2010 18:15	KD
gamma-Chlordane	8800	970		ug/Kg-dry	124699	500	02/10/2010 16:21	KD
Heptachlor	720	39		ug/Kg-dry	124699	20	02/09/2010 18:15	KD
Heptachlor epoxide	BRL	39		ug/Kg-dry	124699	20	02/09/2010 18:15	KD
Methoxychlor	BRL	390		ug/Kg-dry	124699	20	02/09/2010 18:15	KD
Toxaphene	61000	19000		ug/Kg-dry	124699	100	02/09/2010 18:26	KD
Surr: Decachlorobiphenyl	133	31.9-146		%REC	124699	20	02/09/2010 18:15	KD

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Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 3 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 1:57:00 PM
Lab ID:	1001J80-032	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
Surr: Tetrachloro-m-xylene	89.3	26-118		%REC	124699	20	02/09/2010 18:15	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	38		ug/Kg-dry	124701	1	02/05/2010 21:23	AK
2,4,5-TP (Silvex)	BRL	38		ug/Kg-dry	124701	1	02/05/2010 21:23	AK
2,4-D	BRL	38		ug/Kg-dry	124701	1	02/05/2010 21:23	AK
2,4-DB	BRL	200		ug/Kg-dry	124701	1	02/05/2010 21:23	AK
Dalapon	BRL	380		ug/Kg-dry	124701	1	02/05/2010 21:23	AK
Dicamba	BRL	38		ug/Kg-dry	124701	1	02/05/2010 21:23	AK
Dichlorprop	BRL	38		ug/Kg-dry	124701	1	02/05/2010 21:23	AK
Dinoseb	BRL	99		ug/Kg-dry	124701	1	02/05/2010 21:23	AK
MCPA	BRL	3800		ug/Kg-dry	124701	1	02/05/2010 21:23	AK
MCPP	BRL	3800		ug/Kg-dry	124701	1	02/05/2010 21:23	AK
Surr: DCAA	0	41.2-133	S	%REC	124701	1	02/05/2010 21:23	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	4.69		mg/Kg-dry	124653	1	02/03/2010 23:10	JY
Barium	9.47	4.69		mg/Kg-dry	124653	1	02/03/2010 23:10	JY
Cadmium	BRL	2.35		mg/Kg-dry	124653	1	02/03/2010 23:10	JY
Chromium	15.0	2.35		mg/Kg-dry	124653	1	02/03/2010 23:10	JY
Lead	4.92	4.69		mg/Kg-dry	124653	1	02/03/2010 23:10	JY
Selenium	BRL	4.69		mg/Kg-dry	124653	1	02/03/2010 23:10	JY
Silver	BRL	2.35		mg/Kg-dry	124653	1	02/03/2010 23:10	JY
PERCENT MOISTURE D2216								
Percent Moisture	14.5	0		wt%	R164903	1	02/03/2010 12:00	AS

Qualifiers:

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- BRL Below reporting limit
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- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 4 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:43:00 PM
Lab ID:	1001J80-033	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Dichlorodifluoromethane	BRL	8.5		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Chloromethane	BRL	8.5		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Vinyl chloride	16	8.5		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Bromomethane	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Chloroethane	BRL	8.5		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Trichlorofluoromethane	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
1,1-Dichloroethene	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Acetone	BRL	85		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Freon-113	BRL	8.5		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Carbon disulfide	BRL	8.5		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Methyl acetate	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Methylene chloride	BRL	17		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Methyl tert-butyl ether	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
trans-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
1,1-Dichloroethane	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
cis-1,2-Dichloroethene	42	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
2-Butanone	BRL	42		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Chloroform	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
1,1,1-Trichloroethane	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Cyclohexane	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Carbon tetrachloride	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Benzene	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
1,2-Dichloroethane	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Trichloroethene	51	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Methylcyclohexane	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
1,2-Dichloropropane	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Bromodichloromethane	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
cis-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
4-Methyl-2-pentanone	BRL	8.5		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Toluene	11	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
trans-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
1,1,2-Trichloroethane	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
2-Hexanone	BRL	8.5		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Tetrachloroethene	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Dibromochloromethane	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
1,2-Dibromoethane	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Chlorobenzene	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Ethylbenzene	330	240		ug/Kg-dry	124709	50	02/09/2010 15:06	GK
Styrene	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Bromoform	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE

Qualifiers:

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Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 4 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:43:00 PM
Lab ID:	1001J80-033	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Isopropylbenzene	14	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
1,3-Dichlorobenzene	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
1,4-Dichlorobenzene	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
1,2-Dichlorobenzene	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
1,2-Dibromo-3-chloropropane	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
1,2,4-Trichlorobenzene	BRL	4.2		ug/Kg-dry	124759	1	02/09/2010 13:18	JE
Xylenes, Total	2200	240		ug/Kg-dry	124709	50	02/09/2010 15:06	GK
Surr: 4-Bromofluorobenzene	93.6	58.2-140		%REC	124709	50	02/09/2010 15:06	GK
Surr: 4-Bromofluorobenzene	108	58.2-140		%REC	124759	1	02/09/2010 13:18	JE
Surr: Dibromofluoromethane	87.1	71.1-132		%REC	124709	50	02/09/2010 15:06	GK
Surr: Dibromofluoromethane	101	71.1-132		%REC	124759	1	02/09/2010 13:18	JE
Surr: Toluene-d8	99.6	77.6-119		%REC	124709	50	02/09/2010 15:06	GK
Surr: Toluene-d8	104	77.6-119		%REC	124759	1	02/09/2010 13:18	JE
TOTAL MERCURY SW7471B				**(SW7471)**				
Mercury	BRL	0.113		mg/Kg-dry	124731	1	02/04/2010 14:08	MW
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	470	77		ug/Kg-dry	124699	20	02/09/2010 18:38	KD
4,4´-DDE	110	3.8		ug/Kg-dry	124699	1	02/09/2010 13:57	KD
4,4´-DDT	2300	77		ug/Kg-dry	124699	20	02/09/2010 18:38	KD
Aldrin	19	1.9		ug/Kg-dry	124699	1	02/09/2010 13:57	KD
alpha-BHC	9.1	1.9		ug/Kg-dry	124699	1	02/09/2010 13:57	KD
alpha-Chlordane	250	38		ug/Kg-dry	124699	20	02/09/2010 18:38	KD
beta-BHC	41	1.9		ug/Kg-dry	124699	1	02/09/2010 13:57	KD
delta-BHC	28	1.9		ug/Kg-dry	124699	1	02/09/2010 13:57	KD
Dieldrin	540	77		ug/Kg-dry	124699	20	02/09/2010 18:38	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	124699	1	02/09/2010 13:57	KD
Endosulfan II	BRL	3.8		ug/Kg-dry	124699	1	02/09/2010 13:57	KD
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	124699	1	02/09/2010 13:57	KD
Endrin	320	77		ug/Kg-dry	124699	20	02/09/2010 18:38	KD
Endrin aldehyde	BRL	3.8		ug/Kg-dry	124699	1	02/09/2010 13:57	KD
Endrin ketone	350	77		ug/Kg-dry	124699	20	02/09/2010 18:38	KD
gamma-BHC	16	3.8		ug/Kg-dry	124699	1	02/09/2010 13:57	KD
gamma-Chlordane	320	38		ug/Kg-dry	124699	20	02/09/2010 18:38	KD
Heptachlor	18	1.9		ug/Kg-dry	124699	1	02/09/2010 13:57	KD
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	124699	1	02/09/2010 13:57	KD
Methoxychlor	BRL	19		ug/Kg-dry	124699	1	02/09/2010 13:57	KD
Toxaphene	5400	3800		ug/Kg-dry	124699	20	02/09/2010 18:38	KD
Surr: Decachlorobiphenyl	102	31.9-146		%REC	124699	1	02/09/2010 13:57	KD

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Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 4 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:43:00 PM
Lab ID:	1001J80-033	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
Surr: Tetrachloro-m-xylene	91.4	26-118		%REC	124699	1	02/09/2010 13:57	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	38		ug/Kg-dry	124701	1	02/05/2010 21:52	AK
2,4,5-TP (Silvex)	BRL	38		ug/Kg-dry	124701	1	02/05/2010 21:52	AK
2,4-D	BRL	38		ug/Kg-dry	124701	1	02/05/2010 21:52	AK
2,4-DB	BRL	200		ug/Kg-dry	124701	1	02/05/2010 21:52	AK
Dalapon	BRL	380		ug/Kg-dry	124701	1	02/05/2010 21:52	AK
Dicamba	BRL	38		ug/Kg-dry	124701	1	02/05/2010 21:52	AK
Dichlorprop	BRL	38		ug/Kg-dry	124701	1	02/05/2010 21:52	AK
Dinoseb	BRL	98		ug/Kg-dry	124701	1	02/05/2010 21:52	AK
MCPA	BRL	3800		ug/Kg-dry	124701	1	02/05/2010 21:52	AK
MCPP	BRL	3800		ug/Kg-dry	124701	1	02/05/2010 21:52	AK
Surr: DCAA	0	41.2-133	S	%REC	124701	1	02/05/2010 21:52	AK
METALS, TOTAL SW6010C				**(SW3050B)**				
Arsenic	BRL	3.89		mg/Kg-dry	124653	1	02/03/2010 23:13	JY
Barium	5.00	3.89		mg/Kg-dry	124653	1	02/03/2010 23:13	JY
Cadmium	BRL	1.94		mg/Kg-dry	124653	1	02/03/2010 23:13	JY
Chromium	12.0	1.94		mg/Kg-dry	124653	1	02/03/2010 23:13	JY
Lead	BRL	3.89		mg/Kg-dry	124653	1	02/03/2010 23:13	JY
Selenium	BRL	3.89		mg/Kg-dry	124653	1	02/03/2010 23:13	JY
Silver	BRL	1.94		mg/Kg-dry	124653	1	02/03/2010 23:13	JY
PERCENT MOISTURE D2216								
Percent Moisture	13.2	0		wt%	R164903	1	02/03/2010 12:00	AS

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Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 5 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 3:23:00 PM
Lab ID:	1001J80-034	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	170	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Dichlorodifluoromethane	BRL	11	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Chloromethane	BRL	11	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Vinyl chloride	BRL	11	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Bromomethane	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Chloroethane	BRL	11	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Trichlorofluoromethane	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
1,1-Dichloroethene	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Acetone	BRL	110	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Freon-113	BRL	11	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Carbon disulfide	BRL	11	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Methyl acetate	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Methylene chloride	BRL	23	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Methyl tert-butyl ether	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
trans-1,2-Dichloroethene	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
1,1-Dichloroethane	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
cis-1,2-Dichloroethene	69	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
2-Butanone	BRL	57	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Chloroform	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
1,1,1-Trichloroethane	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Cyclohexane	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Carbon tetrachloride	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Benzene	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
1,2-Dichloroethane	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Trichloroethene	28	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Methylcyclohexane	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
1,2-Dichloropropane	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Bromodichloromethane	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
cis-1,3-Dichloropropene	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
4-Methyl-2-pentanone	BRL	11	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Toluene	9.4	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
trans-1,3-Dichloropropene	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
1,1,2-Trichloroethane	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
2-Hexanone	BRL	11	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Tetrachloroethene	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Dibromochloromethane	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
1,2-Dibromoethane	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Chlorobenzene	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Ethylbenzene	660	250	H	ug/Kg-dry	125412	50	02/22/2010 16:00	JC
Styrene	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Bromoform	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA

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Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 5 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 3:23:00 PM
Lab ID:	1001J80-034	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Isopropylbenzene	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
1,3-Dichlorobenzene	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
1,4-Dichlorobenzene	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
1,2-Dichlorobenzene	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
1,2-Dibromo-3-chloropropane	BRL	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
1,2,4-Trichlorobenzene	5.7	5.7	H	ug/Kg-dry	125289	1	02/20/2010 04:46	FA
Xylenes, Total	4700	250	H	ug/Kg-dry	125412	50	02/22/2010 16:00	JC
Surr: 4-Bromofluorobenzene	97.1	58.2-140	H	%REC	125412	50	02/22/2010 16:00	JC
Surr: 4-Bromofluorobenzene	110	58.2-140	H	%REC	125289	1	02/20/2010 04:46	FA
Surr: Dibromofluoromethane	91.5	71.1-132	H	%REC	125412	50	02/22/2010 16:00	JC
Surr: Dibromofluoromethane	105	71.1-132	H	%REC	125289	1	02/20/2010 04:46	FA
Surr: Toluene-d8	97.7	77.6-119	H	%REC	125412	50	02/22/2010 16:00	JC
Surr: Toluene-d8	101	77.6-119	H	%REC	125289	1	02/20/2010 04:46	FA
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	10000	2000	H	ug/Kg-dry	125090	500	02/24/2010 11:46	KD
4,4´-DDE	1700	79	H	ug/Kg-dry	125090	20	02/15/2010 18:44	KD
4,4´-DDT	79000	20000	H	ug/Kg-dry	125090	5000	02/24/2010 12:30	KD
Aldrin	BRL	9.9	H	ug/Kg-dry	125090	5	02/15/2010 18:41	KD
alpha-BHC	40	9.9	H	ug/Kg-dry	125090	5	02/15/2010 18:41	KD
alpha-Chlordane	1300	99	H	ug/Kg-dry	125090	50	02/15/2010 18:55	KD
beta-BHC	44	9.9	H	ug/Kg-dry	125090	5	02/15/2010 18:41	KD
delta-BHC	66	9.9	H	ug/Kg-dry	125090	5	02/15/2010 18:41	KD
Dieldrin	BRL	2000	H	ug/Kg-dry	125090	500	02/24/2010 11:46	KD
Endosulfan I	BRL	990	H	ug/Kg-dry	125090	500	02/24/2010 11:46	KD
Endosulfan II	BRL	2000	H	ug/Kg-dry	125090	500	02/24/2010 11:46	KD
Endosulfan sulfate	BRL	2000	H	ug/Kg-dry	125090	500	02/24/2010 11:46	KD
Endrin	4300	200	H	ug/Kg-dry	125090	50	02/15/2010 18:55	KD
Endrin aldehyde	BRL	2000	H	ug/Kg-dry	125090	500	02/24/2010 11:46	KD
Endrin ketone	3300	2000	H	ug/Kg-dry	125090	500	02/24/2010 11:46	KD
gamma-BHC	34	20	H	ug/Kg-dry	125090	5	02/15/2010 18:41	KD
gamma-Chlordane	1500	99	H	ug/Kg-dry	125090	50	02/15/2010 18:55	KD
Heptachlor	150	9.9	H	ug/Kg-dry	125090	5	02/15/2010 18:41	KD
Heptachlor epoxide	BRL	9.9	H	ug/Kg-dry	125090	5	02/15/2010 18:41	KD
Methoxychlor	BRL	9900	H	ug/Kg-dry	125090	500	02/24/2010 11:46	KD
Toxaphene	56000	9900	H	ug/Kg-dry	125090	50	02/15/2010 18:55	KD
Surr: Decachlorobiphenyl	539	31.9-146	SH	%REC	125090	5	02/15/2010 18:41	KD
Surr: Tetrachloro-m-xylene	126	26-118	SH	%REC	125090	5	02/15/2010 18:41	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 5 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 3:23:00 PM
Lab ID:	1001J80-034	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	780	H	ug/Kg-dry	125112	20	02/17/2010 11:40	AK
2,4,5-TP (Silvex)	BRL	780	H	ug/Kg-dry	125112	20	02/17/2010 11:40	AK
2,4-D	BRL	780	H	ug/Kg-dry	125112	20	02/17/2010 11:40	AK
2,4-DB	BRL	4000	H	ug/Kg-dry	125112	20	02/17/2010 11:40	AK
Dalapon	BRL	7800	H	ug/Kg-dry	125112	20	02/17/2010 11:40	AK
Dicamba	BRL	780	H	ug/Kg-dry	125112	20	02/17/2010 11:40	AK
Dichlorprop	BRL	780	H	ug/Kg-dry	125112	20	02/17/2010 11:40	AK
Dinoseb	BRL	2000	H	ug/Kg-dry	125112	20	02/17/2010 11:40	AK
MCPA	BRL	78000	H	ug/Kg-dry	125112	20	02/17/2010 11:40	AK
MCPP	BRL	78000	H	ug/Kg-dry	125112	20	02/17/2010 11:40	AK
Surr: DCAA	0	41.2-133	SH	%REC	125112	20	02/17/2010 11:40	AK
PERCENT MOISTURE D2216								
Percent Moisture	15.8	0		wt%	R165897	1	02/17/2010 16:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 6 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 9:52:00 AM
Lab ID:	1001J80-035	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Dichlorodifluoromethane	BRL	8.7	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Chloromethane	BRL	8.7	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Vinyl chloride	BRL	8.7	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Bromomethane	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Chloroethane	BRL	8.7	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Trichlorofluoromethane	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
1,1-Dichloroethene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Acetone	BRL	87	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Freon-113	BRL	8.7	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Carbon disulfide	BRL	8.7	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Methyl acetate	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Methylene chloride	BRL	17	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Methyl tert-butyl ether	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
trans-1,2-Dichloroethene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
1,1-Dichloroethane	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
cis-1,2-Dichloroethene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
2-Butanone	BRL	44	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Chloroform	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
1,1,1-Trichloroethane	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Cyclohexane	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Carbon tetrachloride	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Benzene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
1,2-Dichloroethane	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Trichloroethene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Methylcyclohexane	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
1,2-Dichloropropane	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Bromodichloromethane	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
cis-1,3-Dichloropropene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
4-Methyl-2-pentanone	BRL	8.7	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Toluene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
trans-1,3-Dichloropropene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
1,1,2-Trichloroethane	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
2-Hexanone	BRL	8.7	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Tetrachloroethene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Dibromochloromethane	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
1,2-Dibromoethane	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Chlorobenzene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Ethylbenzene	7.0	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Styrene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Bromoform	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 6 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 9:52:00 AM
Lab ID:	1001J80-035	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Isopropylbenzene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
1,3-Dichlorobenzene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
1,4-Dichlorobenzene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
1,2-Dichlorobenzene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
1,2-Dibromo-3-chloropropane	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
1,2,4-Trichlorobenzene	BRL	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Xylenes, Total	17	4.4	H	ug/Kg-dry	125289	1	02/22/2010 15:19	JE
Surr: 4-Bromofluorobenzene	102	58.2-140	H	%REC	125289	1	02/22/2010 15:19	JE
Surr: Dibromofluoromethane	99	71.1-132	H	%REC	125289	1	02/22/2010 15:19	JE
Surr: Toluene-d8	94	77.6-119	H	%REC	125289	1	02/22/2010 15:19	JE
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	210	20	H	ug/Kg-dry	125090	5	02/18/2010 17:14	KD
4,4´-DDE	BRL	20	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
4,4´-DDT	93	20	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
Aldrin	BRL	10	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
alpha-BHC	BRL	10	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
alpha-Chlordane	11	10	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
beta-BHC	BRL	10	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
delta-BHC	BRL	10	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
Dieldrin	BRL	20	H	ug/Kg-dry	125090	5	02/18/2010 17:14	KD
Endosulfan I	BRL	10	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
Endosulfan II	BRL	20	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
Endosulfan sulfate	BRL	20	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
Endrin	BRL	20	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
Endrin aldehyde	BRL	20	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
Endrin ketone	BRL	20	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
gamma-BHC	BRL	20	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
gamma-Chlordane	13	10	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
Heptachlor	BRL	10	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
Heptachlor epoxide	BRL	10	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
Methoxychlor	BRL	100	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
Toxaphene	BRL	1000	H	ug/Kg-dry	125090	5	02/15/2010 19:09	KD
Surr: Decachlorobiphenyl	62	31.9-146	H	%REC	125090	5	02/15/2010 19:09	KD
Surr: Tetrachloro-m-xylene	64.4	26-118	H	%REC	125090	5	02/15/2010 19:09	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	40	H	ug/Kg-dry	125112	1	02/16/2010 17:33	AK
2,4,5-TP (Silvex)	BRL	40	H	ug/Kg-dry	125112	1	02/16/2010 17:33	AK
2,4-D	BRL	40	H	ug/Kg-dry	125112	1	02/16/2010 17:33	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 6 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 9:52:00 AM
Lab ID:	1001J80-035	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4-DB	BRL	210	H	ug/Kg-dry	125112	1	02/16/2010 17:33	AK
Dalapon	BRL	400	H	ug/Kg-dry	125112	1	02/16/2010 17:33	AK
Dicamba	BRL	40	H	ug/Kg-dry	125112	1	02/16/2010 17:33	AK
Dichlorprop	BRL	40	H	ug/Kg-dry	125112	1	02/16/2010 17:33	AK
Dinoseb	BRL	100	H	ug/Kg-dry	125112	1	02/16/2010 17:33	AK
MCPA	BRL	4000	H	ug/Kg-dry	125112	1	02/16/2010 17:33	AK
MCPP	BRL	4000	H	ug/Kg-dry	125112	1	02/16/2010 17:33	AK
Surr: DCAA	65.5	41.2-133	H	%REC	125112	1	02/16/2010 17:33	AK
PERCENT MOISTURE D2216								
Percent Moisture	18.3	0		wt%	R165897	1	02/17/2010 16:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 7 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 10:04:00 AM
Lab ID:	1001J80-036	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Dichlorodifluoromethane	BRL	9.6	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Chloromethane	BRL	9.6	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Vinyl chloride	29	9.6	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Bromomethane	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Chloroethane	BRL	9.6	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Trichlorofluoromethane	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
1,1-Dichloroethene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Acetone	BRL	96	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Freon-113	BRL	9.6	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Carbon disulfide	BRL	9.6	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Methyl acetate	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Methylene chloride	BRL	19	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Methyl tert-butyl ether	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
trans-1,2-Dichloroethene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
1,1-Dichloroethane	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
cis-1,2-Dichloroethene	11	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
2-Butanone	BRL	48	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Chloroform	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
1,1,1-Trichloroethane	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Cyclohexane	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Carbon tetrachloride	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Benzene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
1,2-Dichloroethane	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Trichloroethene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Methylcyclohexane	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
1,2-Dichloropropane	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Bromodichloromethane	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
cis-1,3-Dichloropropene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
4-Methyl-2-pentanone	BRL	9.6	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Toluene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
trans-1,3-Dichloropropene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
1,1,2-Trichloroethane	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
2-Hexanone	BRL	9.6	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Tetrachloroethene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Dibromochloromethane	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
1,2-Dibromoethane	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Chlorobenzene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Ethylbenzene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Styrene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Bromoform	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 7 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 10:04:00 AM
Lab ID:	1001J80-036	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Isopropylbenzene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
1,3-Dichlorobenzene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
1,4-Dichlorobenzene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
1,2-Dichlorobenzene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
1,2-Dibromo-3-chloropropane	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
1,2,4-Trichlorobenzene	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Xylenes, Total	BRL	4.8	H	ug/Kg-dry	125289	1	02/20/2010 04:21	FA
Surr: 4-Bromofluorobenzene	95.9	58.2-140	H	%REC	125289	1	02/20/2010 04:21	FA
Surr: Dibromofluoromethane	107	71.1-132	H	%REC	125289	1	02/20/2010 04:21	FA
Surr: Toluene-d8	97.9	77.6-119	H	%REC	125289	1	02/20/2010 04:21	FA
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	270	20	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
4,4´-DDE	BRL	20	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
4,4´-DDT	28	20	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
Aldrin	BRL	10	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
alpha-BHC	15	10	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
alpha-Chlordane	25	10	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
beta-BHC	BRL	10	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
delta-BHC	BRL	10	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
Dieldrin	23	20	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
Endosulfan I	BRL	10	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
Endosulfan II	BRL	20	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
Endosulfan sulfate	BRL	20	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
Endrin	BRL	20	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
Endrin aldehyde	BRL	20	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
Endrin ketone	BRL	20	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
gamma-BHC	BRL	20	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
gamma-Chlordane	41	10	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
Heptachlor	BRL	10	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
Heptachlor epoxide	BRL	10	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
Methoxychlor	BRL	100	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
Toxaphene	BRL	1000	H	ug/Kg-dry	125257	5	02/18/2010 17:25	KD
Surr: Decachlorobiphenyl	86.8	31.9-146	H	%REC	125257	5	02/18/2010 17:25	KD
Surr: Tetrachloro-m-xylene	89.2	26-118	H	%REC	125257	5	02/18/2010 17:25	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	40	H	ug/Kg-dry	125112	1	02/16/2010 18:02	AK
2,4,5-TP (Silvex)	BRL	40	H	ug/Kg-dry	125112	1	02/16/2010 18:02	AK
2,4-D	BRL	40	H	ug/Kg-dry	125112	1	02/16/2010 18:02	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 7 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 10:04:00 AM
Lab ID:	1001J80-036	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4-DB	BRL	200	H	ug/Kg-dry	125112	1	02/16/2010 18:02	AK
Dalapon	BRL	400	H	ug/Kg-dry	125112	1	02/16/2010 18:02	AK
Dicamba	BRL	40	H	ug/Kg-dry	125112	1	02/16/2010 18:02	AK
Dichlorprop	BRL	40	H	ug/Kg-dry	125112	1	02/16/2010 18:02	AK
Dinoseb	BRL	100	H	ug/Kg-dry	125112	1	02/16/2010 18:02	AK
MCPA	BRL	4000	H	ug/Kg-dry	125112	1	02/16/2010 18:02	AK
MCPP	BRL	4000	H	ug/Kg-dry	125112	1	02/16/2010 18:02	AK
Surr: DCAA	101	41.2-133	H	%REC	125112	1	02/16/2010 18:02	AK
PERCENT MOISTURE D2216								
Percent Moisture	16.8	0		wt%	R165897	1	02/17/2010 16:00	AS

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 8 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:51:00 PM
Lab ID:	1001J80-037	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	1300000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Dichlorodifluoromethane	BRL	88000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Chloromethane	BRL	88000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Vinyl chloride	BRL	88000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Bromomethane	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Chloroethane	BRL	88000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Trichlorofluoromethane	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
1,1-Dichloroethene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Acetone	BRL	880000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Freon-113	BRL	88000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Carbon disulfide	BRL	88000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Methyl acetate	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Methylene chloride	BRL	180000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Methyl tert-butyl ether	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
trans-1,2-Dichloroethene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
1,1-Dichloroethane	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
cis-1,2-Dichloroethene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
2-Butanone	BRL	440000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Chloroform	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
1,1,1-Trichloroethane	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Cyclohexane	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Carbon tetrachloride	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Benzene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
1,2-Dichloroethane	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Trichloroethene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Methylcyclohexane	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
1,2-Dichloropropane	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Bromodichloromethane	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
cis-1,3-Dichloropropene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
4-Methyl-2-pentanone	BRL	88000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Toluene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
trans-1,3-Dichloropropene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
1,1,2-Trichloroethane	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
2-Hexanone	BRL	88000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Tetrachloroethene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Dibromochloromethane	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
1,2-Dibromoethane	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Chlorobenzene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Ethylbenzene	680000	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Styrene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Bromoform	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 8 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:51:00 PM
Lab ID:	1001J80-037	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Isopropylbenzene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
1,3-Dichlorobenzene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
1,4-Dichlorobenzene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
1,2-Dichlorobenzene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
1,2-Dibromo-3-chloropropane	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
1,2,4-Trichlorobenzene	BRL	44000	H	ug/Kg-dry	125412	10000	02/22/2010 16:27	JC
Xylenes, Total	4700000	220000	H	ug/Kg-dry	125412	50000	02/22/2010 17:22	JC
Surr: 4-Bromofluorobenzene	97.7	58.2-140	H	%REC	125412	50000	02/22/2010 17:22	JC
Surr: 4-Bromofluorobenzene	95.9	58.2-140	H	%REC	125412	10000	02/22/2010 16:27	JC
Surr: Dibromofluoromethane	94	71.1-132	H	%REC	125412	50000	02/22/2010 17:22	JC
Surr: Dibromofluoromethane	93.5	71.1-132	H	%REC	125412	10000	02/22/2010 16:27	JC
Surr: Toluene-d8	98.2	77.6-119	H	%REC	125412	50000	02/22/2010 17:22	JC
Surr: Toluene-d8	97.3	77.6-119	H	%REC	125412	10000	02/22/2010 16:27	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	2800000	98000	H	ug/Kg-dry	125090	25000	02/19/2010 13:52	KD
4,4´-DDE	150000	7800	H	ug/Kg-dry	125090	2000	02/18/2010 17:59	KD
4,4´-DDT	4300000	200000	H	ug/Kg-dry	125090	50000	02/19/2010 14:03	KD
Aldrin	BRL	9800	H	ug/Kg-dry	125090	5000	02/18/2010 18:10	KD
alpha-BHC	87000	3900	H	ug/Kg-dry	125090	2000	02/18/2010 17:59	KD
alpha-Chlordane	160000	9800	H	ug/Kg-dry	125090	5000	02/18/2010 18:10	KD
beta-BHC	18000	980	H	ug/Kg-dry	125090	500	02/18/2010 17:36	KD
delta-BHC	79000	3900	H	ug/Kg-dry	125090	2000	02/18/2010 17:59	KD
Dieldrin	BRL	98000	H	ug/Kg-dry	125090	25000	02/19/2010 13:52	KD
Endosulfan I	BRL	49000	H	ug/Kg-dry	125090	25000	02/19/2010 13:52	KD
Endosulfan II	BRL	98000	H	ug/Kg-dry	125090	25000	02/19/2010 13:52	KD
Endosulfan sulfate	BRL	98000	H	ug/Kg-dry	125090	25000	02/19/2010 13:52	KD
Endrin	370000	20000	H	ug/Kg-dry	125090	5000	02/18/2010 18:10	KD
Endrin aldehyde	BRL	98000	H	ug/Kg-dry	125090	25000	02/19/2010 13:52	KD
Endrin ketone	270000	20000	H	ug/Kg-dry	125090	5000	02/18/2010 18:10	KD
gamma-BHC	150000	7800	H	ug/Kg-dry	125090	2000	02/18/2010 17:59	KD
gamma-Chlordane	180000	9800	H	ug/Kg-dry	125090	5000	02/18/2010 18:10	KD
Heptachlor	42000	2000	H	ug/Kg-dry	125090	1000	02/18/2010 17:47	KD
Heptachlor epoxide	BRL	49000	H	ug/Kg-dry	125090	25000	02/19/2010 13:52	KD
Methoxychlor	BRL	490000	H	ug/Kg-dry	125090	25000	02/19/2010 13:52	KD
Toxaphene	2700000	980000	H	ug/Kg-dry	125090	5000	02/18/2010 18:10	KD
Surr: Decachlorobiphenyl	0	31.9-146	SH	%REC	125090	500	02/18/2010 17:36	KD
Surr: Tetrachloro-m-xylene	0	26-118	SH	%REC	125090	500	02/18/2010 17:36	KD
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	DP 8 3'
Project:	Legion Ind	**Collection Date:**	1/27/2010 2:51:00 PM
Lab ID:	1001J80-037	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	39000	H	ug/Kg-dry	125112	1000	02/18/2010 16:57	AK
2,4,5-TP (Silvex)	BRL	39000	H	ug/Kg-dry	125112	1000	02/18/2010 16:57	AK
2,4-D	BRL	39000	H	ug/Kg-dry	125112	1000	02/18/2010 16:57	AK
2,4-DB	BRL	200000	H	ug/Kg-dry	125112	1000	02/18/2010 16:57	AK
Dalapon	BRL	390000	H	ug/Kg-dry	125112	1000	02/18/2010 16:57	AK
Dicamba	BRL	39000	H	ug/Kg-dry	125112	1000	02/18/2010 16:57	AK
Dichlorprop	BRL	39000	H	ug/Kg-dry	125112	1000	02/18/2010 16:57	AK
Dinoseb	BRL	100000	H	ug/Kg-dry	125112	1000	02/18/2010 16:57	AK
MCPA	BRL	3900000	H	ug/Kg-dry	125112	1000	02/18/2010 16:57	AK
MCPP	BRL	3900000	H	ug/Kg-dry	125112	1000	02/18/2010 16:57	AK
Surr: DCAA	0	41.2-133	SH	%REC	125112	1000	02/18/2010 16:57	AK
PERCENT MOISTURE D2216								
Percent Moisture	14.9	0		wt%	R165897	1	02/17/2010 16:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 10
Project:	Legion Ind	**Collection Date:**	1/28/2010 9:56:00 AM
Lab ID:	1001J80-038	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
1,1-Dichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
1,1-Dichloroethene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
1,2-Dibromoethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
1,2-Dichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
1,2-Dichloropropane	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
1,4-Dioxane	BRL	150		ug/L	124794	1	02/05/2010 03:09	JC
2-Butanone	BRL	50		ug/L	124794	1	02/05/2010 03:09	JC
2-Hexanone	BRL	10		ug/L	124794	1	02/05/2010 03:09	JC
4-Methyl-2-pentanone	BRL	10		ug/L	124794	1	02/05/2010 03:09	JC
Acetone	BRL	50		ug/L	124794	1	02/05/2010 03:09	JC
Benzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Bromodichloromethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Bromoform	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Bromomethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Carbon disulfide	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Carbon tetrachloride	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Chlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Chloroethane	BRL	10		ug/L	124794	1	02/05/2010 03:09	JC
Chloroform	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Chloromethane	BRL	10		ug/L	124794	1	02/05/2010 03:09	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Cyclohexane	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Dibromochloromethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Dichlorodifluoromethane	BRL	10		ug/L	124794	1	02/05/2010 03:09	JC
Ethylbenzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Freon-113	BRL	10		ug/L	124794	1	02/05/2010 03:09	JC
Isopropylbenzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Methyl acetate	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Methylcyclohexane	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Methylene chloride	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Styrene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 10
Project:	Legion Ind	**Collection Date:**	1/28/2010 9:56:00 AM
Lab ID:	1001J80-038	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Tetrachloroethene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Toluene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Trichloroethene	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Trichlorofluoromethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Vinyl chloride	BRL	2.0		ug/L	124794	1	02/05/2010 03:09	JC
Xylenes, Total	BRL	5.0		ug/L	124794	1	02/05/2010 03:09	JC
Surr: 4-Bromofluorobenzene	96.8	60.1-127		%REC	124794	1	02/05/2010 03:09	JC
Surr: Dibromofluoromethane	105	79.6-126		%REC	124794	1	02/05/2010 03:09	JC
Surr: Toluene-d8	102	78-116		%REC	124794	1	02/05/2010 03:09	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	BRL	0.10		ug/L	124648	1	02/05/2010 00:35	KD
4,4´-DDE	BRL	0.10		ug/L	124648	1	02/05/2010 00:35	KD
4,4´-DDT	BRL	0.10		ug/L	124648	1	02/05/2010 13:53	KD
Aldrin	BRL	0.050		ug/L	124648	1	02/05/2010 00:35	KD
alpha-BHC	BRL	0.050		ug/L	124648	1	02/05/2010 00:35	KD
alpha-Chlordane	BRL	0.050		ug/L	124648	1	02/05/2010 00:35	KD
beta-BHC	BRL	0.050		ug/L	124648	1	02/05/2010 00:35	KD
delta-BHC	BRL	0.050		ug/L	124648	1	02/05/2010 00:35	KD
Dieldrin	BRL	0.10		ug/L	124648	1	02/05/2010 00:35	KD
Endosulfan I	BRL	0.050		ug/L	124648	1	02/05/2010 00:35	KD
Endosulfan II	BRL	0.10		ug/L	124648	1	02/05/2010 00:35	KD
Endosulfan sulfate	BRL	0.10		ug/L	124648	1	02/05/2010 00:35	KD
Endrin	BRL	0.10		ug/L	124648	1	02/05/2010 00:35	KD
Endrin aldehyde	BRL	0.10		ug/L	124648	1	02/05/2010 00:35	KD
Endrin ketone	BRL	0.10		ug/L	124648	1	02/05/2010 00:35	KD
gamma-BHC	BRL	0.050		ug/L	124648	1	02/05/2010 00:35	KD
gamma-Chlordane	BRL	0.050		ug/L	124648	1	02/05/2010 00:35	KD
Heptachlor	BRL	0.050		ug/L	124648	1	02/05/2010 00:35	KD
Heptachlor epoxide	BRL	0.050		ug/L	124648	1	02/05/2010 00:35	KD
Methoxychlor	BRL	0.50		ug/L	124648	1	02/05/2010 13:53	KD
Toxaphene	BRL	5.0		ug/L	124648	1	02/05/2010 13:53	KD
Surr: Decachlorobiphenyl	43	16.1-124		%REC	124648	1	02/05/2010 00:35	KD
Surr: Tetrachloro-m-xylene	52.5	16-126		%REC	124648	1	02/05/2010 00:35	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	124556	1	02/03/2010 04:02	AK
2,4,5-TP (Silvex)	BRL	2.0		ug/L	124556	1	02/03/2010 04:02	AK
2,4-D	BRL	2.0		ug/L	124556	1	02/03/2010 04:02	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 10
Project:	Legion Ind	**Collection Date:**	1/28/2010 9:56:00 AM
Lab ID:	1001J80-038	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4-DB	BRL	10		ug/L	124556	1	02/03/2010 04:02	AK
Dalapon	BRL	10		ug/L	124556	1	02/03/2010 04:02	AK
Dicamba	BRL	2.0		ug/L	124556	1	02/03/2010 04:02	AK
Dichlorprop	BRL	2.0		ug/L	124556	1	02/03/2010 04:02	AK
Dinoseb	BRL	5.0		ug/L	124556	1	02/03/2010 04:02	AK
MCPA	BRL	500		ug/L	124556	1	02/03/2010 04:02	AK
MCPP	BRL	500		ug/L	124556	1	02/03/2010 04:02	AK
Surr: DCAA	106	50-143		%REC	124556	1	02/03/2010 04:02	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 11
Project:	Legion Ind	**Collection Date:**	1/28/2010 11:16:00 AM
Lab ID:	1001J80-039	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
1,1-Dichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
1,1-Dichloroethene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
1,2-Dibromoethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
1,2-Dichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
1,2-Dichloropropane	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
1,4-Dioxane	BRL	150		ug/L	124794	1	02/05/2010 03:37	JC
2-Butanone	BRL	50		ug/L	124794	1	02/05/2010 03:37	JC
2-Hexanone	BRL	10		ug/L	124794	1	02/05/2010 03:37	JC
4-Methyl-2-pentanone	BRL	10		ug/L	124794	1	02/05/2010 03:37	JC
Acetone	BRL	50		ug/L	124794	1	02/05/2010 03:37	JC
Benzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Bromodichloromethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Bromoform	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Bromomethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Carbon disulfide	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Carbon tetrachloride	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Chlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Chloroethane	BRL	10		ug/L	124794	1	02/05/2010 03:37	JC
Chloroform	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Chloromethane	BRL	10		ug/L	124794	1	02/05/2010 03:37	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Cyclohexane	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Dibromochloromethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Dichlorodifluoromethane	BRL	10		ug/L	124794	1	02/05/2010 03:37	JC
Ethylbenzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Freon-113	BRL	10		ug/L	124794	1	02/05/2010 03:37	JC
Isopropylbenzene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Methyl acetate	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Methylcyclohexane	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Methylene chloride	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Styrene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 11
Project:	Legion Ind	**Collection Date:**	1/28/2010 11:16:00 AM
Lab ID:	1001J80-039	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Tetrachloroethene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Toluene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Trichloroethene	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Trichlorofluoromethane	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Vinyl chloride	BRL	2.0		ug/L	124794	1	02/05/2010 03:37	JC
Xylenes, Total	BRL	5.0		ug/L	124794	1	02/05/2010 03:37	JC
Surr: 4-Bromofluorobenzene	97.3	60.1-127		%REC	124794	1	02/05/2010 03:37	JC
Surr: Dibromofluoromethane	104	79.6-126		%REC	124794	1	02/05/2010 03:37	JC
Surr: Toluene-d8	101	78-116		%REC	124794	1	02/05/2010 03:37	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	BRL	0.10		ug/L	124648	1	02/05/2010 00:46	KD
4,4´-DDE	BRL	0.10		ug/L	124648	1	02/05/2010 00:46	KD
4,4´-DDT	0.15	0.10		ug/L	124648	1	02/05/2010 14:04	KD
Aldrin	BRL	0.050		ug/L	124648	1	02/05/2010 00:46	KD
alpha-BHC	0.33	0.050		ug/L	124648	1	02/05/2010 00:46	KD
alpha-Chlordane	BRL	0.050		ug/L	124648	1	02/05/2010 00:46	KD
beta-BHC	0.11	0.050		ug/L	124648	1	02/05/2010 00:46	KD
delta-BHC	0.35	0.050		ug/L	124648	1	02/05/2010 00:46	KD
Dieldrin	0.72	0.10		ug/L	124648	1	02/05/2010 00:46	KD
Endosulfan I	BRL	0.050		ug/L	124648	1	02/05/2010 00:46	KD
Endosulfan II	0.40	0.10		ug/L	124648	1	02/05/2010 00:46	KD
Endosulfan sulfate	BRL	0.10		ug/L	124648	1	02/05/2010 00:46	KD
Endrin	BRL	0.10		ug/L	124648	1	02/05/2010 00:46	KD
Endrin aldehyde	BRL	0.10		ug/L	124648	1	02/05/2010 00:46	KD
Endrin ketone	2.3	0.10		ug/L	124648	1	02/05/2010 00:46	KD
gamma-BHC	0.22	0.050		ug/L	124648	1	02/05/2010 00:46	KD
gamma-Chlordane	BRL	0.050		ug/L	124648	1	02/05/2010 00:46	KD
Heptachlor	BRL	0.050		ug/L	124648	1	02/05/2010 00:46	KD
Heptachlor epoxide	BRL	0.050		ug/L	124648	1	02/05/2010 00:46	KD
Methoxychlor	BRL	0.50		ug/L	124648	1	02/05/2010 14:04	KD
Toxaphene	BRL	5.0		ug/L	124648	1	02/05/2010 14:04	KD
Surr: Decachlorobiphenyl	62.6	16.1-124		%REC	124648	1	02/05/2010 00:46	KD
Surr: Tetrachloro-m-xylene	45.1	16-126		%REC	124648	1	02/05/2010 00:46	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	124556	1	02/03/2010 04:30	AK
2,4,5-TP (Silvex)	BRL	2.0		ug/L	124556	1	02/03/2010 04:30	AK
2,4-D	BRL	2.0		ug/L	124556	1	02/03/2010 04:30	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 11
Project:	Legion Ind	**Collection Date:**	1/28/2010 11:16:00 AM
Lab ID:	1001J80-039	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4-DB	BRL	10		ug/L	124556	1	02/03/2010 04:30	AK
Dalapon	BRL	10		ug/L	124556	1	02/03/2010 04:30	AK
Dicamba	BRL	2.0		ug/L	124556	1	02/03/2010 04:30	AK
Dichlorprop	BRL	2.0		ug/L	124556	1	02/03/2010 04:30	AK
Dinoseb	BRL	5.0		ug/L	124556	1	02/03/2010 04:30	AK
MCPA	BRL	500		ug/L	124556	1	02/03/2010 04:30	AK
MCPP	BRL	500		ug/L	124556	1	02/03/2010 04:30	AK
Surr: DCAA	107	50-143		%REC	124556	1	02/03/2010 04:30	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 13
Project:	Legion Ind	**Collection Date:**	1/28/2010 12:10:00 PM
Lab ID:	1001J80-040	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
1,1-Dichloroethane	19	5.0		ug/L	124794	1	02/05/2010 04:04	JC
1,1-Dichloroethene	11	5.0		ug/L	124794	1	02/05/2010 04:04	JC
1,2,4-Trichlorobenzene	51	5.0		ug/L	124794	1	02/05/2010 04:04	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
1,2-Dibromoethane	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
1,2-Dichlorobenzene	12	5.0		ug/L	124794	1	02/05/2010 04:04	JC
1,2-Dichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
1,2-Dichloropropane	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
1,4-Dichlorobenzene	50	5.0		ug/L	124794	1	02/05/2010 04:04	JC
1,4-Dioxane	BRL	150		ug/L	124794	1	02/05/2010 04:04	JC
2-Butanone	BRL	50		ug/L	124794	1	02/05/2010 04:04	JC
2-Hexanone	BRL	10		ug/L	124794	1	02/05/2010 04:04	JC
4-Methyl-2-pentanone	BRL	10		ug/L	124794	1	02/05/2010 04:04	JC
Acetone	BRL	50		ug/L	124794	1	02/05/2010 04:04	JC
Benzene	16	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Bromodichloromethane	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Bromoform	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Bromomethane	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Carbon disulfide	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Carbon tetrachloride	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Chlorobenzene	65	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Chloroethane	BRL	10		ug/L	124794	1	02/05/2010 04:04	JC
Chloroform	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Chloromethane	BRL	10		ug/L	124794	1	02/05/2010 04:04	JC
cis-1,2-Dichloroethene	2900	2500		ug/L	124794	500	02/05/2010 11:48	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Cyclohexane	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Dibromochloromethane	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Dichlorodifluoromethane	BRL	10		ug/L	124794	1	02/05/2010 04:04	JC
Ethylbenzene	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Freon-113	BRL	10		ug/L	124794	1	02/05/2010 04:04	JC
Isopropylbenzene	7.3	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Methyl acetate	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Methylcyclohexane	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Methylene chloride	5.4	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Styrene	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 13
Project:	Legion Ind	**Collection Date:**	1/28/2010 12:10:00 PM
Lab ID:	1001J80-040	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Tetrachloroethene	19	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Toluene	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
trans-1,2-Dichloroethene	6.0	5.0		ug/L	124794	1	02/05/2010 04:04	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Trichloroethene	8200	2500		ug/L	124794	500	02/05/2010 11:48	JC
Trichlorofluoromethane	BRL	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Vinyl chloride	3300	1000		ug/L	124794	500	02/05/2010 11:48	JC
Xylenes, Total	9.8	5.0		ug/L	124794	1	02/05/2010 04:04	JC
Surr: 4-Bromofluorobenzene	97.1	60.1-127		%REC	124794	500	02/05/2010 11:48	JC
Surr: 4-Bromofluorobenzene	98.6	60.1-127		%REC	124794	1	02/05/2010 04:04	JC
Surr: Dibromofluoromethane	102	79.6-126		%REC	124794	1	02/05/2010 04:04	JC
Surr: Dibromofluoromethane	103	79.6-126		%REC	124794	500	02/05/2010 11:48	JC
Surr: Toluene-d8	102	78-116		%REC	124794	500	02/05/2010 11:48	JC
Surr: Toluene-d8	100	78-116		%REC	124794	1	02/05/2010 04:04	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	2.9	0.50		ug/L	124648	5	02/04/2010 23:40	KD
4,4´-DDE	BRL	0.50		ug/L	124648	5	02/04/2010 23:40	KD
4,4´-DDT	2.4	0.50		ug/L	124648	5	02/04/2010 23:40	KD
Aldrin	BRL	0.25		ug/L	124648	5	02/04/2010 23:40	KD
alpha-BHC	BRL	0.25		ug/L	124648	5	02/04/2010 23:40	KD
alpha-Chlordane	BRL	0.25		ug/L	124648	5	02/04/2010 23:40	KD
beta-BHC	3.7	0.25		ug/L	124648	5	02/04/2010 23:40	KD
delta-BHC	2.3	0.25		ug/L	124648	5	02/04/2010 23:40	KD
Dieldrin	BRL	0.50		ug/L	124648	5	02/04/2010 23:40	KD
Endosulfan I	BRL	0.25		ug/L	124648	5	02/04/2010 23:40	KD
Endosulfan II	BRL	0.50		ug/L	124648	5	02/04/2010 23:40	KD
Endosulfan sulfate	BRL	0.50		ug/L	124648	5	02/04/2010 23:40	KD
Endrin	7.3	0.50	NC	ug/L	124648	5	02/04/2010 23:40	KD
Endrin aldehyde	BRL	0.50		ug/L	124648	5	02/04/2010 23:40	KD
Endrin ketone	3.3	0.50		ug/L	124648	5	02/04/2010 23:40	KD
gamma-BHC	2.0	0.25		ug/L	124648	5	02/04/2010 23:40	KD
gamma-Chlordane	BRL	0.25		ug/L	124648	5	02/04/2010 23:40	KD
Heptachlor	BRL	0.25		ug/L	124648	5	02/04/2010 23:40	KD
Heptachlor epoxide	BRL	0.25		ug/L	124648	5	02/04/2010 23:40	KD
Methoxychlor	BRL	2.5		ug/L	124648	5	02/04/2010 23:40	KD
Toxaphene	44	25		ug/L	124648	5	02/04/2010 23:40	KD
Surr: Decachlorobiphenyl	79.5	16.1-124		%REC	124648	5	02/04/2010 23:40	KD
Surr: Tetrachloro-m-xylene	83.3	16-126		%REC	124648	5	02/04/2010 23:40	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 13
Project:	Legion Ind	**Collection Date:**	1/28/2010 12:10:00 PM
Lab ID:	1001J80-040	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	124556	1	02/03/2010 04:58	AK
2,4,5-TP (Silvex)	BRL	2.0		ug/L	124556	1	02/03/2010 04:58	AK
2,4-D	BRL	2.0		ug/L	124556	1	02/03/2010 04:58	AK
2,4-DB	BRL	10		ug/L	124556	1	02/03/2010 04:58	AK
Dalapon	BRL	10		ug/L	124556	1	02/03/2010 04:58	AK
Dicamba	BRL	2.0		ug/L	124556	1	02/03/2010 04:58	AK
Dichlorprop	BRL	2.0		ug/L	124556	1	02/03/2010 04:58	AK
Dinoseb	BRL	5.0		ug/L	124556	1	02/03/2010 04:58	AK
MCPA	BRL	500		ug/L	124556	1	02/03/2010 04:58	AK
MCPP	BRL	500		ug/L	124556	1	02/03/2010 04:58	AK
Surr: DCAA	83.1	50-143		%REC	124556	1	02/03/2010 04:58	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 12
Project:	Legion Ind	**Collection Date:**	1/29/2010 9:00:00 AM
Lab ID:	1001J80-041	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
1,1-Dichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
1,1-Dichloroethene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
1,2-Dibromoethane	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
1,2-Dichloroethane	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
1,2-Dichloropropane	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
1,4-Dioxane	BRL	150		ug/L	124794	1	02/05/2010 12:15	JC
2-Butanone	BRL	50		ug/L	124794	1	02/05/2010 12:15	JC
2-Hexanone	BRL	10		ug/L	124794	1	02/05/2010 12:15	JC
4-Methyl-2-pentanone	BRL	10		ug/L	124794	1	02/05/2010 12:15	JC
Acetone	BRL	50		ug/L	124794	1	02/05/2010 12:15	JC
Benzene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Bromodichloromethane	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Bromoform	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Bromomethane	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Carbon disulfide	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Carbon tetrachloride	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Chlorobenzene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Chloroethane	BRL	10		ug/L	124794	1	02/05/2010 12:15	JC
Chloroform	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Chloromethane	BRL	10		ug/L	124794	1	02/05/2010 12:15	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Cyclohexane	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Dibromochloromethane	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Dichlorodifluoromethane	BRL	10		ug/L	124794	1	02/05/2010 12:15	JC
Ethylbenzene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Freon-113	BRL	10		ug/L	124794	1	02/05/2010 12:15	JC
Isopropylbenzene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Methyl acetate	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Methylcyclohexane	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Methylene chloride	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Styrene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 12
Project:	Legion Ind	**Collection Date:**	1/29/2010 9:00:00 AM
Lab ID:	1001J80-041	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Tetrachloroethene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Toluene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Trichloroethene	14	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Trichlorofluoromethane	BRL	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Vinyl chloride	BRL	2.0		ug/L	124794	1	02/05/2010 12:15	JC
Xylenes, Total	8.2	5.0		ug/L	124794	1	02/05/2010 12:15	JC
Surr: 4-Bromofluorobenzene	99.4	60.1-127		%REC	124794	1	02/05/2010 12:15	JC
Surr: Dibromofluoromethane	102	79.6-126		%REC	124794	1	02/05/2010 12:15	JC
Surr: Toluene-d8	102	78-116		%REC	124794	1	02/05/2010 12:15	JC
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3510B)**				
4,4´-DDD	BRL	0.10		ug/L	124648	1	02/05/2010 00:56	KD
4,4´-DDE	BRL	0.10		ug/L	124648	1	02/05/2010 00:56	KD
4,4´-DDT	BRL	0.10		ug/L	124648	1	02/05/2010 14:15	KD
Aldrin	BRL	0.050		ug/L	124648	1	02/05/2010 00:56	KD
alpha-BHC	0.11	0.050		ug/L	124648	1	02/05/2010 00:56	KD
alpha-Chlordane	BRL	0.050		ug/L	124648	1	02/05/2010 00:56	KD
beta-BHC	BRL	0.050		ug/L	124648	1	02/05/2010 00:56	KD
delta-BHC	0.080	0.050		ug/L	124648	1	02/05/2010 00:56	KD
Dieldrin	BRL	0.10		ug/L	124648	1	02/05/2010 00:56	KD
Endosulfan I	BRL	0.050		ug/L	124648	1	02/05/2010 00:56	KD
Endosulfan II	BRL	0.10		ug/L	124648	1	02/05/2010 00:56	KD
Endosulfan sulfate	BRL	0.10		ug/L	124648	1	02/05/2010 00:56	KD
Endrin	BRL	0.10		ug/L	124648	1	02/05/2010 00:56	KD
Endrin aldehyde	BRL	0.10		ug/L	124648	1	02/05/2010 00:56	KD
Endrin ketone	BRL	0.10		ug/L	124648	1	02/05/2010 00:56	KD
gamma-BHC	0.25	0.050		ug/L	124648	1	02/05/2010 00:56	KD
gamma-Chlordane	BRL	0.050		ug/L	124648	1	02/05/2010 00:56	KD
Heptachlor	BRL	0.050		ug/L	124648	1	02/05/2010 00:56	KD
Heptachlor epoxide	BRL	0.050		ug/L	124648	1	02/05/2010 00:56	KD
Methoxychlor	BRL	0.50		ug/L	124648	1	02/05/2010 14:15	KD
Toxaphene	BRL	5.0		ug/L	124648	1	02/05/2010 14:15	KD
Surr: Decachlorobiphenyl	26.2	16.1-124		%REC	124648	1	02/05/2010 00:56	KD
Surr: Tetrachloro-m-xylene	37.2	16-126		%REC	124648	1	02/05/2010 00:56	KD
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4,5-T	BRL	2.0		ug/L	124556	1	02/03/2010 05:26	AK
2,4,5-TP (Silvex)	BRL	2.0		ug/L	124556	1	02/03/2010 05:26	AK
2,4-D	BRL	2.0		ug/L	124556	1	02/03/2010 05:26	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	MW 12
Project:	Legion Ind	**Collection Date:**	1/29/2010 9:00:00 AM
Lab ID:	1001J80-041	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED HERBICIDES SW8151A				**(SW3510B)**				
2,4-DB	BRL	10		ug/L	124556	1	02/03/2010 05:26	AK
Dalapon	BRL	10		ug/L	124556	1	02/03/2010 05:26	AK
Dicamba	BRL	2.0		ug/L	124556	1	02/03/2010 05:26	AK
Dichlorprop	BRL	2.0		ug/L	124556	1	02/03/2010 05:26	AK
Dinoseb	BRL	5.0		ug/L	124556	1	02/03/2010 05:26	AK
MCPA	BRL	500		ug/L	124556	1	02/03/2010 05:26	AK
MCPP	BRL	500		ug/L	124556	1	02/03/2010 05:26	AK
Surr: DCAA	92.8	50-143		%REC	124556	1	02/03/2010 05:26	AK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 1
Project:	Legion Ind	**Collection Date:**	1/29/2010
Lab ID:	1001J80-042	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
1,1-Dichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
1,1-Dichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
1,2-Dibromoethane	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
1,2-Dichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
1,2-Dichloropropane	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
1,4-Dioxane	BRL	150		ug/L	124794	1	02/04/2010 21:43	JC
2-Butanone	BRL	50		ug/L	124794	1	02/04/2010 21:43	JC
2-Hexanone	BRL	10		ug/L	124794	1	02/04/2010 21:43	JC
4-Methyl-2-pentanone	BRL	10		ug/L	124794	1	02/04/2010 21:43	JC
Acetone	BRL	50		ug/L	124794	1	02/04/2010 21:43	JC
Benzene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Bromodichloromethane	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Bromoform	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Bromomethane	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Carbon disulfide	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Carbon tetrachloride	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Chlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Chloroethane	BRL	10		ug/L	124794	1	02/04/2010 21:43	JC
Chloroform	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Chloromethane	BRL	10		ug/L	124794	1	02/04/2010 21:43	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Cyclohexane	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Dibromochloromethane	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Dichlorodifluoromethane	BRL	10		ug/L	124794	1	02/04/2010 21:43	JC
Ethylbenzene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Freon-113	BRL	10		ug/L	124794	1	02/04/2010 21:43	JC
Isopropylbenzene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Methyl acetate	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Methylcyclohexane	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Methylene chloride	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Styrene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 1
Project:	Legion Ind	**Collection Date:**	1/29/2010
Lab ID:	1001J80-042	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Toluene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Trichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Trichlorofluoromethane	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Vinyl chloride	BRL	2.0		ug/L	124794	1	02/04/2010 21:43	JC
Xylenes, Total	BRL	5.0		ug/L	124794	1	02/04/2010 21:43	JC
Surr: 4-Bromofluorobenzene	96.9	60.1-127		%REC	124794	1	02/04/2010 21:43	JC
Surr: Dibromofluoromethane	104	79.6-126		%REC	124794	1	02/04/2010 21:43	JC
Surr: Toluene-d8	102	78-116		%REC	124794	1	02/04/2010 21:43	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 2
Project:	Legion Ind	**Collection Date:**	1/29/2010
Lab ID:	1001J80-043	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
1,1-Dichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
1,1-Dichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
1,2-Dibromoethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
1,2-Dichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
1,2-Dichloropropane	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
1,4-Dioxane	BRL	150		ug/L	124794	1	02/04/2010 22:10	JC
2-Butanone	BRL	50		ug/L	124794	1	02/04/2010 22:10	JC
2-Hexanone	BRL	10		ug/L	124794	1	02/04/2010 22:10	JC
4-Methyl-2-pentanone	BRL	10		ug/L	124794	1	02/04/2010 22:10	JC
Acetone	BRL	50		ug/L	124794	1	02/04/2010 22:10	JC
Benzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Bromodichloromethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Bromoform	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Bromomethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Carbon disulfide	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Carbon tetrachloride	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Chlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Chloroethane	BRL	10		ug/L	124794	1	02/04/2010 22:10	JC
Chloroform	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Chloromethane	BRL	10		ug/L	124794	1	02/04/2010 22:10	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Cyclohexane	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Dibromochloromethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Dichlorodifluoromethane	BRL	10		ug/L	124794	1	02/04/2010 22:10	JC
Ethylbenzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Freon-113	BRL	10		ug/L	124794	1	02/04/2010 22:10	JC
Isopropylbenzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Methyl acetate	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Methylcyclohexane	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Methylene chloride	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Styrene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 2
Project:	Legion Ind	**Collection Date:**	1/29/2010
Lab ID:	1001J80-043	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Toluene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Trichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Trichlorofluoromethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Vinyl chloride	BRL	2.0		ug/L	124794	1	02/04/2010 22:10	JC
Xylenes, Total	BRL	5.0		ug/L	124794	1	02/04/2010 22:10	JC
Surr: 4-Bromofluorobenzene	97.6	60.1-127		%REC	124794	1	02/04/2010 22:10	JC
Surr: Dibromofluoromethane	102	79.6-126		%REC	124794	1	02/04/2010 22:10	JC
Surr: Toluene-d8	105	78-116		%REC	124794	1	02/04/2010 22:10	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
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- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 3
Project:	Legion Ind	**Collection Date:**	1/29/2010
Lab ID:	1001J80-044	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
1,1-Dichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
1,1-Dichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
1,2-Dibromoethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
1,2-Dichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
1,2-Dichloropropane	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
1,4-Dioxane	BRL	150		ug/L	124794	1	02/04/2010 22:37	JC
2-Butanone	BRL	50		ug/L	124794	1	02/04/2010 22:37	JC
2-Hexanone	BRL	10		ug/L	124794	1	02/04/2010 22:37	JC
4-Methyl-2-pentanone	BRL	10		ug/L	124794	1	02/04/2010 22:37	JC
Acetone	BRL	50		ug/L	124794	1	02/04/2010 22:37	JC
Benzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Bromodichloromethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Bromoform	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Bromomethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Carbon disulfide	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Carbon tetrachloride	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Chlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Chloroethane	BRL	10		ug/L	124794	1	02/04/2010 22:37	JC
Chloroform	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Chloromethane	BRL	10		ug/L	124794	1	02/04/2010 22:37	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Cyclohexane	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Dibromochloromethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Dichlorodifluoromethane	BRL	10		ug/L	124794	1	02/04/2010 22:37	JC
Ethylbenzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Freon-113	BRL	10		ug/L	124794	1	02/04/2010 22:37	JC
Isopropylbenzene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Methyl acetate	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Methylcyclohexane	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Methylene chloride	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Styrene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC

Qualifiers:

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- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 3
Project:	Legion Ind	**Collection Date:**	1/29/2010
Lab ID:	1001J80-044	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Toluene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Trichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Trichlorofluoromethane	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Vinyl chloride	BRL	2.0		ug/L	124794	1	02/04/2010 22:37	JC
Xylenes, Total	BRL	5.0		ug/L	124794	1	02/04/2010 22:37	JC
Surr: 4-Bromofluorobenzene	96.2	60.1-127		%REC	124794	1	02/04/2010 22:37	JC
Surr: Dibromofluoromethane	105	79.6-126		%REC	124794	1	02/04/2010 22:37	JC
Surr: Toluene-d8	102	78-116		%REC	124794	1	02/04/2010 22:37	JC

Qualifiers:

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- Narr See case narrative
- NC Not confirmed
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Analytical Environmental Services, Inc

Date: 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 4
Project:	Legion Ind	**Collection Date:**	1/29/2010
Lab ID:	1001J80-045	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
1,1,2-Trichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
1,1-Dichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
1,1-Dichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
1,2-Dibromoethane	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
1,2-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
1,2-Dichloroethane	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
1,2-Dichloropropane	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
1,3-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
1,4-Dichlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
1,4-Dioxane	BRL	150		ug/L	124794	1	02/04/2010 23:05	JC
2-Butanone	BRL	50		ug/L	124794	1	02/04/2010 23:05	JC
2-Hexanone	BRL	10		ug/L	124794	1	02/04/2010 23:05	JC
4-Methyl-2-pentanone	BRL	10		ug/L	124794	1	02/04/2010 23:05	JC
Acetone	BRL	50		ug/L	124794	1	02/04/2010 23:05	JC
Benzene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Bromodichloromethane	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Bromoform	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Bromomethane	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Carbon disulfide	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Carbon tetrachloride	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Chlorobenzene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Chloroethane	BRL	10		ug/L	124794	1	02/04/2010 23:05	JC
Chloroform	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Chloromethane	BRL	10		ug/L	124794	1	02/04/2010 23:05	JC
cis-1,2-Dichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
cis-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Cyclohexane	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Dibromochloromethane	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Dichlorodifluoromethane	BRL	10		ug/L	124794	1	02/04/2010 23:05	JC
Ethylbenzene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Freon-113	BRL	10		ug/L	124794	1	02/04/2010 23:05	JC
Isopropylbenzene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Methyl acetate	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Methyl tert-butyl ether	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Methylcyclohexane	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Methylene chloride	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Styrene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC

Qualifiers:

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- BRL Below reporting limit
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- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc **Date:** 5-Mar-10

Client:	Mactec Engineering and Consulting, Inc.	**Client Sample ID:**	TRIP BLANK 4
Project:	Legion Ind	**Collection Date:**	1/29/2010
Lab ID:	1001J80-045	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Toluene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
trans-1,2-Dichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
trans-1,3-Dichloropropene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Trichloroethene	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Trichlorofluoromethane	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Vinyl chloride	BRL	2.0		ug/L	124794	1	02/04/2010 23:05	JC
Xylenes, Total	BRL	5.0		ug/L	124794	1	02/04/2010 23:05	JC
Surr: 4-Bromofluorobenzene	95.8	60.1-127		%REC	124794	1	02/04/2010 23:05	JC
Surr: Dibromofluoromethane	101	79.6-126		%REC	124794	1	02/04/2010 23:05	JC
Surr: Toluene-d8	103	78-116		%REC	124794	1	02/04/2010 23:05	JC

Qualifiers:

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- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client MACTEC Work Order Number 1001380

Checklist completed by mfe 11/30/10
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 4.2 Cooler #2 3.0 Cooler #3 3.9 Cooler #4 3.8 Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by MJ

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: Mactec Engineering and Consulting, Inc.
Project: Legion Industries
Lab Order: 1001J80

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1001J80-001A	PDL1 3'	1/26/2010 12:15:00PM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-001A	PDL1 3'	1/26/2010 12:15:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-001A	PDL1 3'	1/26/2010 12:15:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-002A	PDL2 3'	1/26/2010 12:29:00PM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-002A	PDL2 3'	1/26/2010 12:29:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-002A	PDL2 3'	1/26/2010 12:29:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-003A	PDL 3 3'	1/26/2010 12:48:00PM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-003A	PDL 3 3'	1/26/2010 12:48:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-003A	PDL 3 3'	1/26/2010 12:48:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-004A	PDL4 3'	1/26/2010 12:59:00PM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-004A	PDL4 3'	1/26/2010 12:59:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-004A	PDL4 3'	1/26/2010 12:59:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-010A	BACK ROUND # 1 3'	1/26/2010 5:23:00PM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-010A	BACK ROUND # 1 3'	1/26/2010 5:23:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-010A	BACK ROUND # 1 3'	1/26/2010 5:23:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-011A	BACK ROUND # 2 3'	1/26/2010 5:48:00PM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-011A	BACK ROUND # 2 3'	1/26/2010 5:48:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-011A	BACK ROUND # 2 3'	1/26/2010 5:48:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-012A	SS 3 3'	1/27/2010 9:10:00AM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-012B	SS 3 3'	1/27/2010 9:10:00AM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-012C	SS 3 3'	1/27/2010 9:10:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-012C	SS 3 3'	1/27/2010 9:10:00AM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/08/2010
1001J80-012C	SS 3 3'	1/27/2010 9:10:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/09/2010
1001J80-012D	SS 3 3'	1/27/2010 9:10:00AM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-012D	SS 3 3'	1/27/2010 9:10:00AM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-013A	SS 4 3'	1/27/2010 8:21:00AM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-013B	SS 4 3'	1/27/2010 8:21:00AM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-013C	SS 4 3'	1/27/2010 8:21:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-013C	SS 4 3'	1/27/2010 8:21:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010

Client: Mactec Engineering and Consulting, Inc.
Project: Legion Industries
Lab Order: 1001J80

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1001J80-013C	SS 4 3'	1/27/2010 8:21:00AM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/05/2010
1001J80-013D	SS 4 3'	1/27/2010 8:21:00AM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-013D	SS 4 3'	1/27/2010 8:21:00AM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-014A	SS 5 3'	1/27/2010 8:35:00AM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-014B	SS 5 3'	1/27/2010 8:35:00AM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-014C	SS 5 3'	1/27/2010 8:35:00AM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/04/2010
1001J80-014C	SS 5 3'	1/27/2010 8:35:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-014C	SS 5 3'	1/27/2010 8:35:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-014D	SS 5 3'	1/27/2010 8:35:00AM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-014D	SS 5 3'	1/27/2010 8:35:00AM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-015A	SS 6 3'	1/27/2010 8:49:00AM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-015B	SS 6 3'	1/27/2010 8:49:00AM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-015C	SS 6 3'	1/27/2010 8:49:00AM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/04/2010
1001J80-015C	SS 6 3'	1/27/2010 8:49:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-015C	SS 6 3'	1/27/2010 8:49:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-015D	SS 6 3'	1/27/2010 8:49:00AM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-015D	SS 6 3'	1/27/2010 8:49:00AM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-016A	SS 7 3'	1/27/2010 10:16:00AM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-016B	SS 7 3'	1/27/2010 10:16:00AM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-016C	SS 7 3'	1/27/2010 10:16:00AM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/04/2010
1001J80-016C	SS 7 3'	1/27/2010 10:16:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-016C	SS 7 3'	1/27/2010 10:16:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-016D	SS 7 3'	1/27/2010 10:16:00AM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-016D	SS 7 3'	1/27/2010 10:16:00AM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-017A	SS 1 3'	1/27/2010 10:50:00AM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-017B	SS 1 3'	1/27/2010 10:50:00AM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-017C	SS 1 3'	1/27/2010 10:50:00AM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/04/2010
1001J80-017C	SS 1 3'	1/27/2010 10:50:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-017D	SS 1 3'	1/27/2010 10:50:00AM	Soil	MERCURY		02/02/2010	02/02/2010

Client: Mactec Engineering and Consulting, Inc.
Project: Legion Industries
Lab Order: 1001J80

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Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1001J80-017D	SS 1 3'	1/27/2010 10:50:00AM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-018A	SS 8 3'	1/27/2010 1:14:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-018A	SS 8 3'	1/27/2010 1:14:00PM	Soil	TCL VOLATILE ORGANICS		02/03/2010	02/06/2010
1001J80-018A	SS 8 3'	1/27/2010 1:14:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/08/2010
1001J80-018A	SS 8 3'	1/27/2010 1:14:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/06/2010
1001J80-018A	SS 8 3'	1/27/2010 1:14:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/08/2010
1001J80-018B	SS 8 3'	1/27/2010 1:14:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-018C	SS 8 3'	1/27/2010 1:14:00PM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/04/2010
1001J80-018C	SS 8 3'	1/27/2010 1:14:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-018D	SS 8 3'	1/27/2010 1:14:00PM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-018D	SS 8 3'	1/27/2010 1:14:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-019A	SS 9 3'	1/27/2010 1:03:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-019B	SS 9 3'	1/27/2010 1:03:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-019C	SS 9 3'	1/27/2010 1:03:00PM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/04/2010
1001J80-019C	SS 9 3'	1/27/2010 1:03:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-019D	SS 9 3'	1/27/2010 1:03:00PM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-019D	SS 9 3'	1/27/2010 1:03:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-020A	SS 10 3'	1/27/2010 1:20:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-020B	SS 10 3'	1/27/2010 1:20:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-020C	SS 10 3'	1/27/2010 1:20:00PM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/08/2010
1001J80-020C	SS 10 3'	1/27/2010 1:20:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-020C	SS 10 3'	1/27/2010 1:20:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-020C	SS 10 3'	1/27/2010 1:20:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-020D	SS 10 3'	1/27/2010 1:20:00PM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-020D	SS 10 3'	1/27/2010 1:20:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-021A	SS 11 3'	1/27/2010 12:35:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-021B	SS 11 3'	1/27/2010 12:35:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-021C	SS 11 3'	1/27/2010 12:35:00PM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/04/2010
1001J80-021C	SS 11 3'	1/27/2010 12:35:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010

Client: Mactec Engineering and Consulting, Inc.
Project: Legion Industries
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Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1001J80-021C	SS 11 3'	1/27/2010 12:35:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-021D	SS 11 3'	1/27/2010 12:35:00PM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-021D	SS 11 3'	1/27/2010 12:35:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-022A	SS 2B 3'	1/27/2010 12:33:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-022B	SS 2B 3'	1/27/2010 12:33:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-022C	SS 2B 3'	1/27/2010 12:33:00PM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/04/2010
1001J80-022C	SS 2B 3'	1/27/2010 12:33:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-022D	SS 2B 3'	1/27/2010 12:33:00PM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-022D	SS 2B 3'	1/27/2010 12:33:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-023A	SS 12 3'	1/27/2010 1:31:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-023B	SS 12 3'	1/27/2010 1:31:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-023C	SS 12 3'	1/27/2010 1:31:00PM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/08/2010
1001J80-023C	SS 12 3'	1/27/2010 1:31:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-023C	SS 12 3'	1/27/2010 1:31:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-023C	SS 12 3'	1/27/2010 1:31:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-023D	SS 12 3'	1/27/2010 1:31:00PM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-023D	SS 12 3'	1/27/2010 1:31:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-024A	GP 1 3'	1/27/2010 12:01:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-024B	GP 1 3'	1/27/2010 12:01:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-024C	GP 1 3'	1/27/2010 12:01:00PM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/04/2010
1001J80-024C	GP 1 3'	1/27/2010 12:01:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-024D	GP 1 3'	1/27/2010 12:01:00PM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-024D	GP 1 3'	1/27/2010 12:01:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-025A	GP 2 3'	1/27/2010 11:12:00AM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-025B	GP 2 3'	1/27/2010 11:12:00AM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-025C	GP 2 3'	1/27/2010 11:12:00AM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/04/2010
1001J80-025C	GP 2 3'	1/27/2010 11:12:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-025D	GP 2 3'	1/27/2010 11:12:00AM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-025D	GP 2 3'	1/27/2010 11:12:00AM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010

Analytical Environmental Services, Inc

Date: 25-Feb-10

Client: Mactec Engineering and Consulting, Inc.
Project: Legion Industries
Lab Order: 1001J80

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Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1001J80-026A	GP 3 3'	1/27/2010 11:24:00AM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-026B	GP 3 3'	1/27/2010 11:24:00AM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-026C	GP 3 3'	1/27/2010 11:24:00AM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/04/2010
1001J80-026C	GP 3 3'	1/27/2010 11:24:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-026D	GP 3 3'	1/27/2010 11:24:00AM	Soil	MERCURY		02/02/2010	02/02/2010
1001J80-026D	GP 3 3'	1/27/2010 11:24:00AM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-026D	GP 3 3'	1/27/2010 11:24:00AM	Soil	TOTAL METALS BY ICP		02/02/2010	02/04/2010
1001J80-027A	GP 3 DUP 3'	1/27/2010 11:33:00AM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-027B	GP 3 DUP 3'	1/27/2010 11:33:00AM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-027C	GP 3 DUP 3'	1/27/2010 11:33:00AM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/04/2010
1001J80-027C	GP 3 DUP 3'	1/27/2010 11:33:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-027C	GP 3 DUP 3'	1/27/2010 11:33:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-027D	GP 3 DUP 3'	1/27/2010 11:33:00AM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-027D	GP 3 DUP 3'	1/27/2010 11:33:00AM	Soil	MERCURY		02/04/2010	02/04/2010
1001J80-028A	GP 4 3'	1/27/2010 11:45:00AM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-028B	GP 4 3'	1/27/2010 11:45:00AM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-028C	GP 4 3'	1/27/2010 11:45:00AM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/04/2010
1001J80-028C	GP 4 3'	1/27/2010 11:45:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-028D	GP 4 3'	1/27/2010 11:45:00AM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-028D	GP 4 3'	1/27/2010 11:45:00AM	Soil	MERCURY		02/04/2010	02/04/2010
1001J80-029A	DP 1 3'	1/27/2010 2:21:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/04/2010
1001J80-029B	DP 1 3'	1/27/2010 2:21:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-029C	DP 1 3'	1/27/2010 2:21:00PM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/08/2010
1001J80-029C	DP 1 3'	1/27/2010 2:21:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-029C	DP 1 3'	1/27/2010 2:21:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-029C	DP 1 3'	1/27/2010 2:21:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-029C	DP 1 3'	1/27/2010 2:21:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-029C	DP 1 3'	1/27/2010 2:21:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/09/2010
1001J80-029D	DP 1 3'	1/27/2010 2:21:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010

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Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1001J80-029D	DP 1 3'	1/27/2010 2:21:00PM	Soil	MERCURY		02/04/2010	02/04/2010
1001J80-030A	DP 2 3'	1/27/2010 2:38:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/05/2010
1001J80-030A	DP 2 3'	1/27/2010 2:38:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/08/2010
1001J80-030A	DP 2 3'	1/27/2010 2:38:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/08/2010
1001J80-030B	DP 2 3'	1/27/2010 2:38:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-030C	DP 2 3'	1/27/2010 2:38:00PM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/08/2010
1001J80-030C	DP 2 3'	1/27/2010 2:38:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-030C	DP 2 3'	1/27/2010 2:38:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-030C	DP 2 3'	1/27/2010 2:38:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/03/2010	02/08/2010
1001J80-030D	DP 2 3'	1/27/2010 2:38:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-030D	DP 2 3'	1/27/2010 2:38:00PM	Soil	MERCURY		02/04/2010	02/04/2010
1001J80-031A	DP 2 3' DUP	1/27/2010 2:58:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/08/2010
1001J80-031A	DP 2 3' DUP	1/27/2010 2:58:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/09/2010
1001J80-031B	DP 2 3' DUP	1/27/2010 2:58:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-031C	DP 2 3' DUP	1/27/2010 2:58:00PM	Soil	CHLORINATED HERBICIDES		02/02/2010	02/08/2010
1001J80-031C	DP 2 3' DUP	1/27/2010 2:58:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/04/2010	02/09/2010
1001J80-031C	DP 2 3' DUP	1/27/2010 2:58:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/04/2010	02/09/2010
1001J80-031C	DP 2 3' DUP	1/27/2010 2:58:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/04/2010	02/09/2010
1001J80-031C	DP 2 3' DUP	1/27/2010 2:58:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/04/2010	02/10/2010
1001J80-031D	DP 2 3' DUP	1/27/2010 2:58:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-031D	DP 2 3' DUP	1/27/2010 2:58:00PM	Soil	MERCURY		02/04/2010	02/04/2010
1001J80-031D	DP 2 3' DUP	1/27/2010 2:58:00PM	Soil	MERCURY		02/04/2010	02/04/2010
1001J80-032A	DP 3 3'	1/27/2010 1:57:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/08/2010
1001J80-032A	DP 3 3'	1/27/2010 1:57:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/09/2010
1001J80-032B	DP 3 3'	1/27/2010 1:57:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-032C	DP 3 3'	1/27/2010 1:57:00PM	Soil	CHLORINATED HERBICIDES		02/03/2010	02/05/2010
1001J80-032C	DP 3 3'	1/27/2010 1:57:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/04/2010	02/09/2010
1001J80-032C	DP 3 3'	1/27/2010 1:57:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/04/2010	02/09/2010
1001J80-032C	DP 3 3'	1/27/2010 1:57:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/04/2010	02/10/2010

Analytical Environmental Services, Inc

Date: 25-Feb-10

Client: Mactec Engineering and Consulting, Inc.
Project: Legion Industries
Lab Order: 1001J80

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1001J80-032D	DP 3 3'	1/27/2010 1:57:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-032D	DP 3 3'	1/27/2010 1:57:00PM	Soil	MERCURY		02/04/2010	02/04/2010
1001J80-032D	DP 3 3'	1/27/2010 1:57:00PM	Soil	MERCURY		02/04/2010	02/04/2010
1001J80-033A	DP 4 3'	1/27/2010 2:43:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/09/2010
1001J80-033A	DP 4 3'	1/27/2010 2:43:00PM	Soil	Volatile Organic Compounds by GC/MS		02/03/2010	02/09/2010
1001J80-033B	DP 4 3'	1/27/2010 2:43:00PM	Soil	PERCENT MOISTURE			02/03/2010
1001J80-033C	DP 4 3'	1/27/2010 2:43:00PM	Soil	CHLORINATED HERBICIDES		02/03/2010	02/05/2010
1001J80-033C	DP 4 3'	1/27/2010 2:43:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/04/2010	02/09/2010
1001J80-033C	DP 4 3'	1/27/2010 2:43:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/04/2010	02/09/2010
1001J80-033D	DP 4 3'	1/27/2010 2:43:00PM	Soil	TOTAL METALS BY ICP		02/02/2010	02/03/2010
1001J80-033D	DP 4 3'	1/27/2010 2:43:00PM	Soil	MERCURY		02/04/2010	02/04/2010
1001J80-033D	DP 4 3'	1/27/2010 2:43:00PM	Soil	MERCURY		02/04/2010	02/04/2010
1001J80-034A	DP 5 3'	1/27/2010 3:23:00PM	Soil	Volatile Organic Compounds by GC/MS		02/17/2010	02/20/2010
1001J80-034A	DP 5 3'	1/27/2010 3:23:00PM	Soil	Volatile Organic Compounds by GC/MS		02/19/2010	02/22/2010
1001J80-034B	DP 5 3'	1/27/2010 3:23:00PM	Soil	PERCENT MOISTURE			02/17/2010
1001J80-034C	DP 5 3'	1/27/2010 3:23:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/15/2010
1001J80-034C	DP 5 3'	1/27/2010 3:23:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/15/2010
1001J80-034C	DP 5 3'	1/27/2010 3:23:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/15/2010
1001J80-034C	DP 5 3'	1/27/2010 3:23:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/15/2010
1001J80-034C	DP 5 3'	1/27/2010 3:23:00PM	Soil	CHLORINATED HERBICIDES		02/12/2010	02/17/2010
1001J80-034C	DP 5 3'	1/27/2010 3:23:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/18/2010
1001J80-034C	DP 5 3'	1/27/2010 3:23:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/18/2010
1001J80-034C	DP 5 3'	1/27/2010 3:23:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/18/2010
1001J80-034C	DP 5 3'	1/27/2010 3:23:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/19/2010
1001J80-034C	DP 5 3'	1/27/2010 3:23:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/22/2010
1001J80-034C	DP 5 3'	1/27/2010 3:23:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/24/2010
1001J80-034C	DP 5 3'	1/27/2010 3:23:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/24/2010
1001J80-035A	DP 6 3'	1/27/2010 9:52:00AM	Soil	Volatile Organic Compounds by GC/MS		02/17/2010	02/20/2010
1001J80-035A	DP 6 3'	1/27/2010 9:52:00AM	Soil	Volatile Organic Compounds by GC/MS		02/17/2010	02/22/2010

Analytical Environmental Services, Inc

Date: 25-Feb-10

Client: Mactec Engineering and Consulting, Inc.
Project: Legion Industries
Lab Order: 1001J80

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1001J80-035B	DP 6 3'	1/27/2010 9:52:00AM	Soil	PERCENT MOISTURE			02/17/2010
1001J80-035C	DP 6 3'	1/27/2010 9:52:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/15/2010
1001J80-035C	DP 6 3'	1/27/2010 9:52:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/15/2010
1001J80-035C	DP 6 3'	1/27/2010 9:52:00AM	Soil	CHLORINATED HERBICIDES		02/12/2010	02/16/2010
1001J80-035C	DP 6 3'	1/27/2010 9:52:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/18/2010
1001J80-036A	DP 7 3'	1/27/2010 10:04:00AM	Soil	Volatile Organic Compounds by GC/MS		02/17/2010	02/20/2010
1001J80-036B	DP 7 3'	1/27/2010 10:04:00AM	Soil	PERCENT MOISTURE			02/17/2010
1001J80-036C	DP 7 3'	1/27/2010 10:04:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/15/2010
1001J80-036C	DP 7 3'	1/27/2010 10:04:00AM	Soil	CHLORINATED HERBICIDES		02/12/2010	02/16/2010
1001J80-036C	DP 7 3'	1/27/2010 10:04:00AM	Soil	TCL-CHLORINATED PESTICIDES		02/17/2010	02/18/2010
1001J80-037A	DP 8 3'	1/27/2010 2:51:00PM	Soil	Volatile Organic Compounds by GC/MS		02/19/2010	02/22/2010
1001J80-037A	DP 8 3'	1/27/2010 2:51:00PM	Soil	Volatile Organic Compounds by GC/MS		02/19/2010	02/22/2010
1001J80-037B	DP 8 3'	1/27/2010 2:51:00PM	Soil	PERCENT MOISTURE			02/17/2010
1001J80-037C	DP 8 3'	1/27/2010 2:51:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/15/2010
1001J80-037C	DP 8 3'	1/27/2010 2:51:00PM	Soil	CHLORINATED HERBICIDES		02/12/2010	02/18/2010
1001J80-037C	DP 8 3'	1/27/2010 2:51:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/18/2010
1001J80-037C	DP 8 3'	1/27/2010 2:51:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/18/2010
1001J80-037C	DP 8 3'	1/27/2010 2:51:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/18/2010
1001J80-037C	DP 8 3'	1/27/2010 2:51:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/18/2010
1001J80-037C	DP 8 3'	1/27/2010 2:51:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/19/2010
1001J80-037C	DP 8 3'	1/27/2010 2:51:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/19/2010
1001J80-037C	DP 8 3'	1/27/2010 2:51:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/22/2010
1001J80-037C	DP 8 3'	1/27/2010 2:51:00PM	Soil	TCL-CHLORINATED PESTICIDES		02/12/2010	02/24/2010
1001J80-038A	MW 10	1/28/2010 9:56:00AM	Groundwater	Volatile Organic Compounds by GC/MS		02/04/2010	02/05/2010
1001J80-038C	MW 10	1/28/2010 9:56:00AM	Groundwater	CHLORINATED HERBICIDES		02/01/2010	02/03/2010
1001J80-038C	MW 10	1/28/2010 9:56:00AM	Groundwater	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-038C	MW 10	1/28/2010 9:56:00AM	Groundwater	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-039A	MW 11	1/28/2010 11:16:00AM	Groundwater	Volatile Organic Compounds by GC/MS		02/04/2010	02/05/2010
1001J80-039C	MW 11	1/28/2010 11:16:00AM	Groundwater	CHLORINATED HERBICIDES		02/01/2010	02/03/2010

Analytical Environmental Services, Inc

Date: 25-Feb-10

Client: Mactec Engineering and Consulting, Inc.
Project: Legion Industries
Lab Order: 1001J80

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1001J80-039C	MW 11	1/28/2010 11:16:00AM	Groundwater	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-039C	MW 11	1/28/2010 11:16:00AM	Groundwater	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-040A	MW 13	1/28/2010 12:10:00PM	Groundwater	Volatile Organic Compounds by GC/MS		02/04/2010	02/05/2010
1001J80-040A	MW 13	1/28/2010 12:10:00PM	Groundwater	Volatile Organic Compounds by GC/MS		02/04/2010	02/05/2010
1001J80-040C	MW 13	1/28/2010 12:10:00PM	Groundwater	CHLORINATED HERBICIDES		02/01/2010	02/03/2010
1001J80-040C	MW 13	1/28/2010 12:10:00PM	Groundwater	PP-CL-Pesticides		02/03/2010	02/04/2010
1001J80-040C	MW 13	1/28/2010 12:10:00PM	Groundwater	TCL-CHLORINATED PESTICIDES		02/03/2010	02/04/2010
1001J80-040C	MW 13	1/28/2010 12:10:00PM	Groundwater	TCL-CHLORINATED PESTICIDES		02/03/2010	02/04/2010
1001J80-040C	MW 13	1/28/2010 12:10:00PM	Groundwater	APPENDIX II CHLORINATED PESTICIDES		02/03/2010	02/04/2010
1001J80-040C	MW 13	1/28/2010 12:10:00PM	Groundwater	TCL-CHLORINATED PESTICIDES		02/03/2010	02/04/2010
1001J80-040C	MW 13	1/28/2010 12:10:00PM	Groundwater	PP-CL-Pesticides		02/03/2010	02/04/2010
1001J80-041A	MW 12	1/29/2010 9:00:00AM	Groundwater	Volatile Organic Compounds by GC/MS		02/04/2010	02/05/2010
1001J80-041A	MW 12	1/29/2010 9:00:00AM	Groundwater	Volatile Organic Compounds by GC/MS		02/04/2010	02/05/2010
1001J80-041C	MW 12	1/29/2010 9:00:00AM	Groundwater	CHLORINATED HERBICIDES		02/01/2010	02/03/2010
1001J80-041C	MW 12	1/29/2010 9:00:00AM	Groundwater	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-041C	MW 12	1/29/2010 9:00:00AM	Groundwater	TCL-CHLORINATED PESTICIDES		02/03/2010	02/05/2010
1001J80-042A	TRIP BLANK 1	1/29/2010 12:00:00AM	Aqueous	Volatile Organic Compounds by GC/MS		02/04/2010	02/04/2010
1001J80-043A	TRIP BLANK 2	1/29/2010 12:00:00AM	Aqueous	Volatile Organic Compounds by GC/MS		02/04/2010	02/04/2010
1001J80-044A	TRIP BLANK 3	1/29/2010 12:00:00AM	Aqueous	Volatile Organic Compounds by GC/MS		02/04/2010	02/04/2010
1001J80-045A	TRIP BLANK 4	1/29/2010 12:00:00AM	Aqueous	Volatile Organic Compounds by GC/MS		02/04/2010	02/04/2010

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: METALS, TOTAL SW6010C

Sample ID: **MB-124632** SampType: **MBLK** Batch ID: **124632** Units: **mg/Kg** Prep Date: **2/2/2010** RunNo: **164913**
Client ID: TestCode: **METALS, TOTAL SW6010C** Analysis Date: **2/3/2010** SeqNo: **3415195**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	5.00	0	0	0	0	0	0	0		
Barium	BRL	5.00	0	0	0	0	0	0	0		
Cadmium	BRL	2.50	0	0	0	0	0	0	0		
Chromium	BRL	2.50	0	0	0	0	0	0	0		
Lead	BRL	5.00	0	0	0	0	0	0	0		
Selenium	BRL	5.00	0	0	0	0	0	0	0		
Silver	BRL	2.50	0	0	0	0	0	0	0		

Sample ID: **MB-124653** SampType: **MBLK** Batch ID: **124653** Units: **mg/Kg** Prep Date: **2/2/2010** RunNo: **164917**
Client ID: TestCode: **METALS, TOTAL SW6010C** Analysis Date: **2/3/2010** SeqNo: **3415383**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.495	0	0	0	0	0	0	0		
Barium	BRL	0.495	0	0	0	0	0	0	0		
Cadmium	BRL	0.248	0	0	0	0	0	0	0		
Chromium	BRL	0.248	0	0	0	0	0	0	0		
Lead	BRL	0.495	0	0	0	0	0	0	0		
Selenium	BRL	0.495	0	0	0	0	0	0	0		
Silver	BRL	0.248	0	0	0	0	0	0	0		

Sample ID: **LCS-124632** SampType: **LCS** Batch ID: **124632** Units: **mg/Kg** Prep Date: **2/2/2010** RunNo: **164913**
Client ID: TestCode: **METALS, TOTAL SW6010C** Analysis Date: **2/3/2010** SeqNo: **3415193**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	51.19	5.00	50	0	102	80	120	0	0		
Barium	50.7	5.00	50	0	101	80	120	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: METALS, TOTAL SW6010C

Sample ID: **LCS-124632** SampType: **LCS** Batch ID: **124632** Units: **mg/Kg** Prep Date: **2/2/2010** RunNo: **164913**
Client ID: TestCode: **METALS, TOTAL SW6010C** Analysis Date: **2/3/2010** SeqNo: **3415193**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	50.65	2.50	50	0	101	80	120	0	0		
Chromium	53.79	2.50	50	0.1368	107	80	120	0	0		
Lead	48.36	5.00	50	0	96.7	80	120	0	0		
Selenium	50.38	5.00	50	0.1836	100	80	120	0	0		
Silver	5.173	2.50	5	0.02184	103	80	120	0	0		

Sample ID: **LCS-124653** SampType: **LCS** Batch ID: **124653** Units: **mg/Kg** Prep Date: **2/2/2010** RunNo: **164917**
Client ID: TestCode: **METALS, TOTAL SW6010C** Analysis Date: **2/3/2010** SeqNo: **3415381**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	50.48	5.00	50	0	101	80	120	0	0		
Barium	51.11	5.00	50	0	102	80	120	0	0		
Cadmium	50.3	2.50	50	0	101	80	120	0	0		
Chromium	54.22	2.50	50	0.01453	108	80	120	0	0		
Lead	48.42	5.00	50	0	96.8	80	120	0	0		
Selenium	49.09	5.00	50	0	98.2	80	120	0	0		
Silver	5.092	2.50	5	0	102	80	120	0	0		

Sample ID: **1001J80-001AMS** SampType: **MS** Batch ID: **124632** Units: **mg/Kg-dry** Prep Date: **2/2/2010** RunNo: **164913**
Client ID: **PDL1 3'** TestCode: **METALS, TOTAL SW6010C** Analysis Date: **2/3/2010** SeqNo: **3415198**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	50.45	5.48	54.85	3.196	86.2	75	125	0	0		
Barium	69.39	5.48	54.85	14.68	99.7	75	125	0	0		
Cadmium	52.79	2.74	54.85	0	96.2	75	125	0	0		
Chromium	74.93	2.74	54.85	21.52	97.4	75	125	0	0		
Lead	55.66	5.48	54.85	6.289	90	75	125	0	0		
Selenium	46.3	5.48	54.85	0	84.4	75	125	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: METALS, TOTAL SW6010C

Sample ID: **1001J80-001AMS** SampType: **MS** Batch ID: **124632** Units: **mg/Kg-dry** Prep Date: **2/2/2010** RunNo: **164913**
Client ID: **PDL1 3'** TestCode: **METALS, TOTAL SW6010C** Analysis Date: **2/3/2010** SeqNo: **3415198**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver	5.288	2.74	5.485	0	96.4	75	125	0	0		

Sample ID: **1001J80-026DMS** SampType: **MS** Batch ID: **124653** Units: **mg/Kg-dry** Prep Date: **2/2/2010** RunNo: **164917**
Client ID: **GP 3 3'** TestCode: **METALS, TOTAL SW6010C** Analysis Date: **2/3/2010** SeqNo: **3415387**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	44.89	4.82	48.23	2.239	88.4	75	125	0	0		
Barium	58.97	4.82	48.23	9.304	103	75	125	0	0		
Cadmium	48.91	2.41	48.23	0	101	75	125	0	0		
Chromium	80.58	2.41	48.23	24.57	116	75	125	0	0		
Lead	51.29	4.82	48.23	5.41	95.1	75	125	0	0		
Selenium	41.03	4.82	48.23	0	85.1	75	125	0	0		
Silver	4.921	2.41	4.823	0	102	75	125	0	0		

Sample ID: **1001J80-001AMSD** SampType: **MSD** Batch ID: **124632** Units: **mg/Kg-dry** Prep Date: **2/2/2010** RunNo: **164913**
Client ID: **PDL1 3'** TestCode: **METALS, TOTAL SW6010C** Analysis Date: **2/3/2010** SeqNo: **3415204**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	50.52	5.45	54.52	3.196	86.8	75	125	50.45	0.129	20	
Barium	68.96	5.45	54.52	14.68	99.6	75	125	69.39	0.625	20	
Cadmium	52.96	2.73	54.52	0	97.1	75	125	52.79	0.327	20	
Chromium	77.39	2.73	54.52	21.52	102	75	125	74.93	3.23	20	
Lead	56.66	5.45	54.52	6.289	92.4	75	125	55.66	1.79	20	
Selenium	46.79	5.45	54.52	0	85.8	75	125	46.3	1.05	20	
Silver	5.309	2.73	5.452	0	97.4	75	125	5.288	0.396	20	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: METALS, TOTAL SW6010C

Sample ID: **1001J80-026DMSD** SampType: **MSD** Batch ID: **124653** Units: **mg/Kg-dry** Prep Date: **2/2/2010** RunNo: **164917**
Client ID: **GP 3 3'** TestCode: **METALS, TOTAL SW6010C** Analysis Date: **2/3/2010** SeqNo: **3415388**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	45.25	4.84	48.38	2.239	88.9	75	125	44.89	0.783	20	
Barium	59.68	4.84	48.38	9.304	104	75	125	58.97	1.20	20	
Cadmium	48.92	2.42	48.38	0	101	75	125	48.91	0.0183	20	
Chromium	75.46	2.42	48.38	24.57	105	75	125	80.58	6.56	20	
Lead	50.61	4.84	48.38	5.41	93.4	75	125	51.29	1.32	20	
Selenium	41.14	4.84	48.38	0	85	75	125	41.03	0.269	20	
Silver	4.948	2.42	4.838	0	102	75	125	4.921	0.564	20	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: TOTAL MERCURY SW7471B

Sample ID: **MB-124614**	SampType: **MBLK**	Batch ID: **124614**	Units: **mg/Kg**	Prep Date: **2/2/2010**	RunNo: **164806**
Client ID:	TestCode: **TOTAL MERCURY SW7471B**			Analysis Date: **2/2/2010**	SeqNo: **3413008**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.100	0	0	0	0	0	0	0		

Sample ID: **MB-124615**	SampType: **MBLK**	Batch ID: **124615**	Units: **mg/Kg**	Prep Date: **2/2/2010**	RunNo: **164807**
Client ID:	TestCode: **TOTAL MERCURY SW7471B**			Analysis Date: **2/2/2010**	SeqNo: **3413063**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.100	0	0	0	0	0	0	0		

Sample ID: **MB-124731**	SampType: **MBLK**	Batch ID: **124731**	Units: **mg/Kg**	Prep Date: **2/4/2010**	RunNo: **164973**
Client ID:	TestCode: **TOTAL MERCURY SW7471B**			Analysis Date: **2/4/2010**	SeqNo: **3416708**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.100	0	0	0	0	0	0	0		

Sample ID: **LCS-124614**	SampType: **LCS**	Batch ID: **124614**	Units: **mg/Kg**	Prep Date: **2/2/2010**	RunNo: **164806**
Client ID:	TestCode: **TOTAL MERCURY SW7471B**			Analysis Date: **2/2/2010**	SeqNo: **3413010**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.401	0.100	0.4	0	100	80	120	0	0		

Sample ID: **LCS-124615**	SampType: **LCS**	Batch ID: **124615**	Units: **mg/Kg**	Prep Date: **2/2/2010**	RunNo: **164807**
Client ID:	TestCode: **TOTAL MERCURY SW7471B**			Analysis Date: **2/2/2010**	SeqNo: **3413065**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4226	0.100	0.4	0.04062	95.5	80	120	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: TOTAL MERCURY SW7471B

Sample ID: **LCS-124731**	SampType: **LCS**	Batch ID: **124731**	Units: **mg/Kg**	Prep Date: **2/4/2010**	RunNo: **164973**
Client ID:	TestCode: **TOTAL MERCURY SW7471B**			Analysis Date: **2/4/2010**	SeqNo: **3416709**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4026	0.100	0.4	0	101	80	120	0	0		

Sample ID: **1001H49-020CMS**	SampType: **MS**	Batch ID: **124614**	Units: **mg/Kg-dry**	Prep Date: **2/2/2010**	RunNo: **164806**
Client ID:	TestCode: **TOTAL MERCURY SW7471B**			Analysis Date: **2/2/2010**	SeqNo: **3413013**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.5186	0.111	0.4426	0.07785	99.6	70	130	0	0		

Sample ID: **1001J80-013DMS**	SampType: **MS**	Batch ID: **124615**	Units: **mg/Kg-dry**	Prep Date: **2/2/2010**	RunNo: **164807**
Client ID: **SS 4 3'**	TestCode: **TOTAL MERCURY SW7471B**			Analysis Date: **2/2/2010**	SeqNo: **3413068**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4832	0.116	0.4642	0.06204	90.7	70	130	0	0		

Sample ID: **1001J80-027DMS**	SampType: **MS**	Batch ID: **124731**	Units: **mg/Kg-dry**	Prep Date: **2/4/2010**	RunNo: **164973**
Client ID: **GP 3 DUP 3'**	TestCode: **TOTAL MERCURY SW7471B**			Analysis Date: **2/4/2010**	SeqNo: **3416711**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4646	0.116	0.4658	0	99.7	70	130	0	0		

Sample ID: **1001H49-020CMSD**	SampType: **MSD**	Batch ID: **124614**	Units: **mg/Kg-dry**	Prep Date: **2/2/2010**	RunNo: **164806**
Client ID:	TestCode: **TOTAL MERCURY SW7471B**			Analysis Date: **2/2/2010**	SeqNo: **3413014**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.5153	0.111	0.4426	0.07785	98.8	70	130	0.5186	0.636	30	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: TOTAL MERCURY SW7471B

Sample ID: **1001J80-013DMSD** SampType: **MSD** Batch ID: **124615** Units: **mg/Kg-dry** Prep Date: **2/2/2010** RunNo: **164807**
Client ID: **SS 4 3'** TestCode: **TOTAL MERCURY SW7471B** Analysis Date: **2/2/2010** SeqNo: **3413076**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4618	0.116	0.4651	0.06204	86	70	130	0.4832	4.53	30	

Sample ID: **1001J80-027DMSD** SampType: **MSD** Batch ID: **124731** Units: **mg/Kg-dry** Prep Date: **2/4/2010** RunNo: **164973**
Client ID: **GP 3 DUP 3'** TestCode: **TOTAL MERCURY SW7471B** Analysis Date: **2/4/2010** SeqNo: **3416712**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4571	0.117	0.4667	0	97.9	70	130	0.4646	1.63	30	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **MB-124630** SampType: **MBLK** Batch ID: **124630** Units: **ug/Kg** Prep Date: **2/3/2010** RunNo: **165133**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/4/2010** SeqNo: **3420407**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	BRL	3.3	0	0	0	0	0	0	0		
4,4´-DDE	BRL	3.3	0	0	0	0	0	0	0		
4,4´-DDT	BRL	3.3	0	0	0	0	0	0	0		
Aldrin	BRL	1.7	0	0	0	0	0	0	0		
alpha-BHC	BRL	1.7	0	0	0	0	0	0	0		
alpha-Chlordane	BRL	1.7	0	0	0	0	0	0	0		
beta-BHC	BRL	1.7	0	0	0	0	0	0	0		
delta-BHC	BRL	1.7	0	0	0	0	0	0	0		
Dieldrin	BRL	3.3	0	0	0	0	0	0	0		
Endosulfan I	BRL	1.7	0	0	0	0	0	0	0		
Endosulfan II	BRL	3.3	0	0	0	0	0	0	0		
Endosulfan sulfate	BRL	3.3	0	0	0	0	0	0	0		
Endrin	BRL	3.3	0	0	0	0	0	0	0		
Endrin aldehyde	BRL	3.3	0	0	0	0	0	0	0		
Endrin ketone	BRL	3.3	0	0	0	0	0	0	0		
gamma-BHC	BRL	3.3	0	0	0	0	0	0	0		
gamma-Chlordane	BRL	1.7	0	0	0	0	0	0	0		
Heptachlor	BRL	1.7	0	0	0	0	0	0	0		
Heptachlor epoxide	BRL	1.7	0	0	0	0	0	0	0		
Methoxychlor	BRL	17	0	0	0	0	0	0	0		
Toxaphene	BRL	170	0	0	0	0	0	0	0		
Surr: Decachlorobiphenyl	14.61	0	16.67	0	87.6	31.9	146	0	0		
Surr: Tetrachloro-m-xylene	13.18	0	16.67	0	79	26	118	0	0		

Sample ID: **MB-124699** SampType: **MBLK** Batch ID: **124699** Units: **ug/Kg** Prep Date: **2/4/2010** RunNo: **165349**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/9/2010** SeqNo: **3424742**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **MB-124699** SampType: **MBLK** Batch ID: **124699** Units: **ug/Kg** Prep Date: **2/4/2010** RunNo: **165349**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/9/2010** SeqNo: **3424742**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	BRL	3.3	0	0	0	0	0	0	0		
4,4´-DDE	BRL	3.3	0	0	0	0	0	0	0		
4,4´-DDT	BRL	3.3	0	0	0	0	0	0	0		
Aldrin	BRL	1.7	0	0	0	0	0	0	0		
alpha-BHC	BRL	1.7	0	0	0	0	0	0	0		
alpha-Chlordane	BRL	1.7	0	0	0	0	0	0	0		
beta-BHC	BRL	1.7	0	0	0	0	0	0	0		
delta-BHC	BRL	1.7	0	0	0	0	0	0	0		
Dieldrin	BRL	3.3	0	0	0	0	0	0	0		
Endosulfan I	BRL	1.7	0	0	0	0	0	0	0		
Endosulfan II	BRL	3.3	0	0	0	0	0	0	0		
Endosulfan sulfate	BRL	3.3	0	0	0	0	0	0	0		
Endrin	BRL	3.3	0	0	0	0	0	0	0		
Endrin aldehyde	BRL	3.3	0	0	0	0	0	0	0		
Endrin ketone	BRL	3.3	0	0	0	0	0	0	0		
gamma-BHC	BRL	3.3	0	0	0	0	0	0	0		
gamma-Chlordane	BRL	1.7	0	0	0	0	0	0	0		
Heptachlor	BRL	1.7	0	0	0	0	0	0	0		
Heptachlor epoxide	BRL	1.7	0	0	0	0	0	0	0		
Methoxychlor	BRL	17	0	0	0	0	0	0	0		
Toxaphene	BRL	170	0	0	0	0	0	0	0		
Surr: Decachlorobiphenyl	11.61	0	16.67	0	69.6	31.9	146	0	0		
Surr: Tetrachloro-m-xylene	10.8	0	16.67	0	64.8	26	118	0	0		

Sample ID: **MB-125090** SampType: **MBLK** Batch ID: **125090** Units: **ug/Kg** Prep Date: **2/12/2010** RunNo: **165750**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/15/2010** SeqNo: **3433977**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **MB-125090** SampType: **MBLK** Batch ID: **125090** Units: **ug/Kg** Prep Date: **2/12/2010** RunNo: **165750**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/15/2010** SeqNo: **3433977**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	BRL	3.3	0	0	0	0	0	0	0		
4,4´-DDE	BRL	3.3	0	0	0	0	0	0	0		
4,4´-DDT	BRL	3.3	0	0	0	0	0	0	0		
Aldrin	BRL	1.7	0	0	0	0	0	0	0		
alpha-BHC	1.672	1.7	0	0	0	0	0	0	0		B
alpha-Chlordane	BRL	1.7	0	0	0	0	0	0	0		
beta-BHC	BRL	1.7	0	0	0	0	0	0	0		
delta-BHC	BRL	1.7	0	0	0	0	0	0	0		
Dieldrin	BRL	3.3	0	0	0	0	0	0	0		
Endosulfan I	BRL	1.7	0	0	0	0	0	0	0		
Endosulfan II	BRL	3.3	0	0	0	0	0	0	0		
Endosulfan sulfate	BRL	3.3	0	0	0	0	0	0	0		
Endrin	BRL	3.3	0	0	0	0	0	0	0		
Endrin aldehyde	BRL	3.3	0	0	0	0	0	0	0		
Endrin ketone	BRL	3.3	0	0	0	0	0	0	0		
gamma-BHC	BRL	3.3	0	0	0	0	0	0	0		
gamma-Chlordane	BRL	1.7	0	0	0	0	0	0	0		
Heptachlor	BRL	1.7	0	0	0	0	0	0	0		
Heptachlor epoxide	BRL	1.7	0	0	0	0	0	0	0		
Methoxychlor	BRL	17	0	0	0	0	0	0	0		
Toxaphene	BRL	170	0	0	0	0	0	0	0		
Surr: Decachlorobiphenyl	12.49	0	16.67	0	74.9	31.9	146	0	0		
Surr: Tetrachloro-m-xylene	10.06	0	16.67	0	60.4	26	118	0	0		

Sample ID: **MB-125257** SampType: **MBLK** Batch ID: **125257** Units: **ug/Kg** Prep Date: **2/17/2010** RunNo: **165891**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/18/2010** SeqNo: **3437216**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **MB-125257** SampType: **MBLK** Batch ID: **125257** Units: **ug/Kg** Prep Date: **2/17/2010** RunNo: **165891**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/18/2010** SeqNo: **3437216**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	BRL	3.3	0	0	0	0	0	0	0		
4,4´-DDE	BRL	3.3	0	0	0	0	0	0	0		
4,4´-DDT	BRL	3.3	0	0	0	0	0	0	0		
Aldrin	BRL	1.7	0	0	0	0	0	0	0		
alpha-BHC	BRL	1.7	0	0	0	0	0	0	0		
alpha-Chlordane	BRL	1.7	0	0	0	0	0	0	0		
beta-BHC	BRL	1.7	0	0	0	0	0	0	0		
delta-BHC	BRL	1.7	0	0	0	0	0	0	0		
Dieldrin	BRL	3.3	0	0	0	0	0	0	0		
Endosulfan I	BRL	1.7	0	0	0	0	0	0	0		
Endosulfan II	BRL	3.3	0	0	0	0	0	0	0		
Endosulfan sulfate	BRL	3.3	0	0	0	0	0	0	0		
Endrin	BRL	3.3	0	0	0	0	0	0	0		
Endrin aldehyde	BRL	3.3	0	0	0	0	0	0	0		
Endrin ketone	BRL	3.3	0	0	0	0	0	0	0		
gamma-BHC	BRL	3.3	0	0	0	0	0	0	0		
gamma-Chlordane	BRL	1.7	0	0	0	0	0	0	0		
Heptachlor	BRL	1.7	0	0	0	0	0	0	0		
Heptachlor epoxide	BRL	1.7	0	0	0	0	0	0	0		
Methoxychlor	BRL	17	0	0	0	0	0	0	0		
Toxaphene	BRL	170	0	0	0	0	0	0	0		
Surr: Decachlorobiphenyl	19.74	0	16.67	0	118	31.9	146	0	0		
Surr: Tetrachloro-m-xylene	14.13	0	16.67	0	84.8	26	118	0	0		

Sample ID: **LCS-124630** SampType: **LCS** Batch ID: **124630** Units: **ug/Kg** Prep Date: **2/3/2010** RunNo: **165133**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/4/2010** SeqNo: **3420416**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **LCS-124630** SampType: **LCS** Batch ID: **124630** Units: **ug/Kg** Prep Date: **2/3/2010** RunNo: **165133**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/4/2010** SeqNo: **3420416**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	32.84	3.3	41.67	0	78.8	42.9	120	0	0		
Aldrin	12.87	1.7	16.67	0	77.2	40.3	113	0	0		
Dieldrin	37.6	3.3	41.67	0	90.2	51	120	0	0		
Endrin	38.11	3.3	41.67	0	91.5	46.2	124	0	0		
gamma-BHC	13.9	3.3	16.67	0	83.4	42.1	117	0	0		
Heptachlor	13.17	1.7	16.67	0	79	36.9	119	0	0		
Surr: Decachlorobiphenyl	14.73	0	16.67	0	88.3	31.9	146	0	0		
Surr: Tetrachloro-m-xylene	12.49	0	16.67	0	74.9	26	118	0	0		

Sample ID: **LCS-124699** SampType: **LCS** Batch ID: **124699** Units: **ug/Kg** Prep Date: **2/4/2010** RunNo: **165349**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/9/2010** SeqNo: **3424753**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	36.83	3.3	41.67	0	88.4	42.9	120	0	0		
Aldrin	13.75	1.7	16.67	0	82.5	40.3	113	0	0		
Dieldrin	39.94	3.3	41.67	0	95.9	51	120	0	0		
Endrin	39.29	3.3	41.67	0	94.3	46.2	124	0	0		
gamma-BHC	13.14	3.3	16.67	0	78.8	42.1	117	0	0		
Heptachlor	14.07	1.7	16.67	0	84.4	36.9	119	0	0		
Surr: Decachlorobiphenyl	14.11	0	16.67	0	84.7	31.9	146	0	0		
Surr: Tetrachloro-m-xylene	11.93	0	16.67	0	71.6	26	118	0	0		

Sample ID: **LCS-125090** SampType: **LCS** Batch ID: **125090** Units: **ug/Kg** Prep Date: **2/12/2010** RunNo: **165750**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/15/2010** SeqNo: **3433980**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	40.9	3.3	41.67	2.895	91.2	42.9	120	0	0		
Aldrin	12.64	1.7	16.67	0	75.8	40.3	113	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **LCS-125090** SampType: **LCS** Batch ID: **125090** Units: **ug/Kg** Prep Date: **2/12/2010** RunNo: **165750**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/15/2010** SeqNo: **3433980**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	35.76	3.3	41.67	0	85.8	51	120	0	0		
Endrin	35.41	3.3	41.67	0	85	46.2	124	0	0		
gamma-BHC	15.9	3.3	16.67	0.8987	90	42.1	117	0	0		
Heptachlor	13.19	1.7	16.67	0	79.1	36.9	119	0	0		
Surr: Decachlorobiphenyl	12.6	0	16.67	0	75.6	31.9	146	0	0		
Surr: Tetrachloro-m-xylene	11.13	0	16.67	0	66.7	26	118	0	0		

Sample ID: **LCS-125257** SampType: **LCS** Batch ID: **125257** Units: **ug/Kg** Prep Date: **2/17/2010** RunNo: **165891**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/18/2010** SeqNo: **3437219**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	42.66	3.3	41.67	0	102	42.9	120	0	0		
Aldrin	15.65	1.7	16.67	0	93.9	40.3	113	0	0		
Dieldrin	46.06	3.3	41.67	0	111	51	120	0	0		
Endrin	48.87	3.3	41.67	0	117	46.2	124	0	0		
gamma-BHC	16.83	3.3	16.67	0	101	42.1	117	0	0		
Heptachlor	16.84	1.7	16.67	0	101	36.9	119	0	0		
Surr: Decachlorobiphenyl	17.52	0	16.67	0	105	31.9	146	0	0		
Surr: Tetrachloro-m-xylene	14.46	0	16.67	0	86.8	26	118	0	0		

Sample ID: **1001J80-027CMS** SampType: **MS** Batch ID: **124630** Units: **ug/Kg-dry** Prep Date: **2/3/2010** RunNo: **165133**
Client ID: **GP 3 DUP 3'** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/5/2010** SeqNo: **3420443**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	17.17	2.0	19.7	0	87.1	31.8	131	0	0		
Dieldrin	48.41	3.9	49.25	0	98.3	37	135	0	0		
Endrin	49.42	3.9	49.25	0	100	32.7	139	0	0		
gamma-BHC	19.34	3.9	19.7	0	98.1	31.1	135	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **1001J80-027CMS**	SampType: **MS**	Batch ID: **124630**	Units: **ug/Kg-dry**	Prep Date: **2/3/2010**	RunNo: **165133**
Client ID: **GP 3 DUP 3'**	TestCode: **CHLORINATED PESTICIDES, TCL**	**SW8081B**		Analysis Date: **2/5/2010**	SeqNo: **3420443**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Heptachlor	18.11	2.0	19.7	0	91.9	38.2	119	0	0		
Surr: Decachlorobiphenyl	15.1	0	19.7	0	76.7	31.9	146	0	0		
Surr: Tetrachloro-m-xylene	16.4	0	19.7	0	83.2	26	118	0	0		

Sample ID: **1001J80-027CMS**	SampType: **MS**	Batch ID: **124630**	Units: **ug/Kg-dry**	Prep Date: **2/3/2010**	RunNo: **165159**
Client ID: **GP 3 DUP 3'**	TestCode: **CHLORINATED PESTICIDES, TCL**	**SW8081B**		Analysis Date: **2/5/2010**	SeqNo: **3420828**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	45.83	3.9	49.25	3.45	86	18.1	144	0	0		

Sample ID: **1002122-007BMS**	SampType: **MS**	Batch ID: **124699**	Units: **ug/Kg-dry**	Prep Date: **2/4/2010**	RunNo: **165349**
Client ID:	TestCode: **CHLORINATED PESTICIDES, TCL**	**SW8081B**		Analysis Date: **2/9/2010**	SeqNo: **3424744**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	BRL	170	43.55	0	310	18.1	144	0	0		S
Aldrin	BRL	87	17.42	0	0	31.8	131	0	0		S
Dieldrin	BRL	170	43.55	0	0	37	135	0	0		S
Endrin	BRL	170	43.55	0	154	32.7	139	0	0		S
gamma-BHC	BRL	170	17.42	88.72	30.2	31.1	135	0	0		S
Heptachlor	BRL	87	17.42	0	0	38.2	119	0	0		S
Surr: Decachlorobiphenyl	23.97	0	17.42	0	138	31.9	146	0	0		
Surr: Tetrachloro-m-xylene	40.15	0	17.42	0	230	26	118	0	0		S

Sample ID: **1002463-001CMS**	SampType: **MS**	Batch ID: **125090**	Units: **ug/Kg-dry**	Prep Date: **2/12/2010**	RunNo: **165750**
Client ID:	TestCode: **CHLORINATED PESTICIDES, TCL**	**SW8081B**		Analysis Date: **2/15/2010**	SeqNo: **3433985**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **1002463-001CMS** SampType: **MS** Batch ID: **125090** Units: **ug/Kg-dry** Prep Date: **2/12/2010** RunNo: **165750**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/15/2010** SeqNo: **3433985**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	34.08	3.7	46.66	2.492	67.7	18.1	144	0	0		
Aldrin	14.69	1.9	18.67	0	78.7	31.8	131	0	0		
Dieldrin	35.19	3.7	46.66	0	75.4	37	135	0	0		
Endrin	36.29	3.7	46.66	0	77.8	32.7	139	0	0		
gamma-BHC	14.39	3.7	18.67	0	77.1	31.1	135	0	0		
Heptachlor	14.06	1.9	18.67	0	75.3	38.2	119	0	0		
Surr: Decachlorobiphenyl	12.21	0	18.67	0	65.4	31.9	146	0	0		
Surr: Tetrachloro-m-xylene	12.52	0	18.67	0	67	26	118	0	0		

Sample ID: **1002463-003CMS** SampType: **MS** Batch ID: **125257** Units: **ug/Kg-dry** Prep Date: **2/17/2010** RunNo: **165891**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/18/2010** SeqNo: **3437225**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	45.82	3.9	49.41	0	92.7	18.1	144	0	0		
Aldrin	18.94	2.0	19.76	0	95.8	31.8	131	0	0		
Dieldrin	51.88	3.9	49.41	0	105	37	135	0	0		
Endrin	55.4	3.9	49.41	0	112	32.7	139	0	0		
gamma-BHC	20.05	3.9	19.76	0	101	31.1	135	0	0		
Heptachlor	19.71	2.0	19.76	0.9841	94.7	38.2	119	0	0		
Surr: Decachlorobiphenyl	17.21	0	19.76	0	87.1	31.9	146	0	0		
Surr: Tetrachloro-m-xylene	17.59	0	19.76	0	89	26	118	0	0		

Sample ID: **1001J80-027CMSD** SampType: **MSD** Batch ID: **124630** Units: **ug/Kg-dry** Prep Date: **2/3/2010** RunNo: **165133**
Client ID: **GP 3 DUP 3'** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/5/2010** SeqNo: **3420448**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	15.58	2.0	19.7	0	79.1	31.8	131	17.17	9.70	30.1	
Dieldrin	44.54	3.9	49.23	0	90.5	37	135	48.41	8.34	26.6	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **1001J80-027CMSD** SampType: **MSD** Batch ID: **124630** Units: **ug/Kg-dry** Prep Date: **2/3/2010** RunNo: **165133**
Client ID: **GP 3 DUP 3'** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/5/2010** SeqNo: **3420448**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endrin	45.34	3.9	49.23	0	92.1	32.7	139	49.42	8.62	28.9	
gamma-BHC	17.27	3.9	19.7	0	87.7	31.1	135	19.34	11.3	31.7	
Heptachlor	16.2	2.0	19.7	0	82.2	38.2	119	18.11	11.1	26.6	
Surr: Decachlorobiphenyl	14.14	0	19.7	0	71.8	31.9	146	15.1	0	0	
Surr: Tetrachloro-m-xylene	14.48	0	19.7	0	73.5	26	118	16.4	0	0	

Sample ID: **1001J80-027CMSD** SampType: **MSD** Batch ID: **124630** Units: **ug/Kg-dry** Prep Date: **2/3/2010** RunNo: **165159**
Client ID: **GP 3 DUP 3'** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/5/2010** SeqNo: **3420836**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	40.6	3.9	49.23	3.45	75.5	18.1	144	45.83	12.1	35.5	

Sample ID: **1002122-007BMSD** SampType: **MSD** Batch ID: **124699** Units: **ug/Kg-dry** Prep Date: **2/4/2010** RunNo: **165349**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/9/2010** SeqNo: **3424745**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	BRL	170	43.52	0	346	18.1	144	135.2	0	35.5	S
Aldrin	BRL	87	17.41	0	0	31.8	131	0	0	30.1	S
Dieldrin	BRL	170	43.52	0	0	37	135	0	0	26.6	S
Endrin	BRL	170	43.52	0	330	32.7	139	67.17	0	28.9	S
gamma-BHC	BRL	170	17.41	88.72	53.3	31.1	135	93.99	0	31.7	
Heptachlor	BRL	87	17.41	0	0	38.2	119	0	0	26.6	S
Surr: Decachlorobiphenyl	23.64	0	17.41	0	136	31.9	146	23.97	0	0	
Surr: Tetrachloro-m-xylene	44.6	0	17.41	0	256	26	118	40.15	0	0	S

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **1002463-001CMSD** SampType: **MSD** Batch ID: **125090** Units: **ug/Kg-dry** Prep Date: **2/12/2010** RunNo: **165750**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/15/2010** SeqNo: **3433988**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	23.55	3.7	46.68	2.492	45.1	18.1	144	34.08	36.6	35.5	R
Aldrin	10.79	1.9	18.67	0	57.8	31.8	131	14.69	30.6	30.1	R
Dieldrin	24.23	3.7	46.68	0	51.9	37	135	35.19	36.9	26.6	R
Endrin	25.06	3.7	46.68	0	53.7	32.7	139	36.29	36.6	28.9	R
gamma-BHC	9.92	3.7	18.67	0	53.1	31.1	135	14.39	36.8	31.7	R
Heptachlor	9.424	1.9	18.67	0	50.5	38.2	119	14.06	39.5	26.6	R
Surr: Decachlorobiphenyl	8.485	0	18.67	0	45.4	31.9	146	12.21	0	0	
Surr: Tetrachloro-m-xylene	14.84	0	18.67	0	79.5	26	118	12.52	0	0	

Sample ID: **1002463-003CMSD** SampType: **MSD** Batch ID: **125257** Units: **ug/Kg-dry** Prep Date: **2/17/2010** RunNo: **165891**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/18/2010** SeqNo: **3437227**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	47.69	4.0	49.46	0	96.4	18.1	144	45.82	4.00	35.5	
Aldrin	18.1	2.0	19.78	0	91.5	31.8	131	18.94	4.49	30.1	
Dieldrin	51.13	4.0	49.46	0	103	37	135	51.88	1.44	26.6	
Endrin	55.65	4.0	49.46	0	113	32.7	139	55.4	0.458	28.9	
gamma-BHC	19.76	4.0	19.78	0	99.9	31.1	135	20.05	1.46	31.7	
Heptachlor	19.74	2.0	19.78	0.9841	94.8	38.2	119	19.71	0.152	26.6	
Surr: Decachlorobiphenyl	21.13	0	19.78	0	107	31.9	146	17.21	0	0	
Surr: Tetrachloro-m-xylene	18.09	0	19.78	0	91.4	26	118	17.59	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **MB-124648** SampType: **MBLK** Batch ID: **124648** Units: **ug/L** Prep Date: **2/3/2010** RunNo: **165000**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/4/2010** SeqNo: **3417969**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	BRL	0.10	0	0	0	0	0	0	0		
4,4´-DDE	BRL	0.10	0	0	0	0	0	0	0		
Aldrin	BRL	0.050	0	0	0	0	0	0	0		
alpha-BHC	BRL	0.050	0	0	0	0	0	0	0		
alpha-Chlordane	BRL	0.050	0	0	0	0	0	0	0		
beta-BHC	BRL	0.050	0	0	0	0	0	0	0		
delta-BHC	BRL	0.050	0	0	0	0	0	0	0		
Dieldrin	BRL	0.10	0	0	0	0	0	0	0		
Endosulfan I	BRL	0.050	0	0	0	0	0	0	0		
Endosulfan II	BRL	0.10	0	0	0	0	0	0	0		
Endosulfan sulfate	BRL	0.10	0	0	0	0	0	0	0		
Endrin	BRL	0.10	0	0	0	0	0	0	0		
Endrin aldehyde	BRL	0.10	0	0	0	0	0	0	0		
gamma-BHC	BRL	0.050	0	0	0	0	0	0	0		
gamma-Chlordane	BRL	0.050	0	0	0	0	0	0	0		
Heptachlor	BRL	0.050	0	0	0	0	0	0	0		
Heptachlor epoxide	BRL	0.050	0	0	0	0	0	0	0		
Surr: Decachlorobiphenyl	0.3667	0	0.5	0	73.3	16.1	124	0	0		
Surr: Tetrachloro-m-xylene	0.3382	0	0.5	0	67.6	16	126	0	0		

Sample ID: **MB-124648** SampType: **MBLK** Batch ID: **124648** Units: **ug/L** Prep Date: **2/3/2010** RunNo: **165490**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/9/2010** SeqNo: **3428328**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	BRL	0.10	0	0	0	0	0	0	0		
4,4´-DDE	BRL	0.10	0	0	0	0	0	0	0		
4,4´-DDT	BRL	0.10	0	0	0	0	0	0	0		
Aldrin	BRL	0.050	0	0	0	0	0	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **MB-124648** SampType: **MBLK** Batch ID: **124648** Units: **ug/L** Prep Date: **2/3/2010** RunNo: **165490**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/9/2010** SeqNo: **3428328**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
alpha-BHC	BRL	0.050	0	0	0	0	0	0	0		
alpha-Chlordane	BRL	0.050	0	0	0	0	0	0	0		
beta-BHC	BRL	0.050	0	0	0	0	0	0	0		
delta-BHC	BRL	0.050	0	0	0	0	0	0	0		
Dieldrin	BRL	0.10	0	0	0	0	0	0	0		
Endosulfan I	BRL	0.050	0	0	0	0	0	0	0		
Endosulfan II	BRL	0.10	0	0	0	0	0	0	0		
Endosulfan sulfate	BRL	0.10	0	0	0	0	0	0	0		
Endrin	BRL	0.10	0	0	0	0	0	0	0		
Endrin aldehyde	BRL	0.10	0	0	0	0	0	0	0		
Endrin ketone	BRL	0.10	0	0	0	0	0	0	0		
gamma-BHC	BRL	0.050	0	0	0	0	0	0	0		
gamma-Chlordane	BRL	0.050	0	0	0	0	0	0	0		
Heptachlor	BRL	0.050	0	0	0	0	0	0	0		
Heptachlor epoxide	BRL	0.050	0	0	0	0	0	0	0		
Methoxychlor	BRL	0.50	0	0	0	0	0	0	0		
Toxaphene	BRL	5.0	0	0	0	0	0	0	0		
Surr: Decachlorobiphenyl	0.3693	0	0.5	0	73.9	16.1	124	0	0		
Surr: Tetrachloro-m-xylene	0.3895	0	0.5	0	77.9	16	126	0	0		

Sample ID: **LCS-124648** SampType: **LCS** Batch ID: **124648** Units: **ug/L** Prep Date: **2/3/2010** RunNo: **165000**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/4/2010** SeqNo: **3417975**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	0.8114	0.050	1	0	81.1	43.2	131	0	0		
Dieldrin	1.034	0.10	1	0	103	60.4	138	0	0		
Endrin	1.032	0.10	1	0	103	59.6	135	0	0		
gamma-BHC	0.948	0.050	1	0	94.8	48.6	138	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **LCS-124648** SampType: **LCS** Batch ID: **124648** Units: **ug/L** Prep Date: **2/3/2010** RunNo: **165000**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/4/2010** SeqNo: **3417975**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Heptachlor	0.8105	0.050	1	0	81	46.6	129	0	0		
Surr: Decachlorobiphenyl	0.2392	0	0.5	0	47.8	16.1	124	0	0		
Surr: Tetrachloro-m-xylene	0.3173	0	0.5	0	63.5	16	126	0	0		

Sample ID: **LCS-124648** SampType: **LCS** Batch ID: **124648** Units: **ug/L** Prep Date: **2/3/2010** RunNo: **165490**
Client ID: TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/9/2010** SeqNo: **3428329**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	0.8029	0.10	1	0	80.3	57.2	133	0	0		
Aldrin	0.9583	0.050	1	0	95.8	43.2	131	0	0		
Dieldrin	1.166	0.10	1	0	117	60.4	138	0	0		
Endrin	1.142	0.10	1	0	114	59.6	135	0	0		
gamma-BHC	1.124	0.050	1	0	112	48.6	138	0	0		
Heptachlor	0.942	0.050	1	0	94.2	46.6	129	0	0		
Surr: Decachlorobiphenyl	0.2533	0	0.5	0	50.7	16.1	124	0	0		
Surr: Tetrachloro-m-xylene	0.3758	0	0.5	0	75.2	16	126	0	0		

Sample ID: **1001J80-040CMS** SampType: **MS** Batch ID: **124648** Units: **ug/L** Prep Date: **2/3/2010** RunNo: **165084**
Client ID: **MW 13** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/4/2010** SeqNo: **3419131**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	3.579	0.50	1	2.424	115	18.4	148	0	0		
Aldrin	2.276	0.25	1	0	228	25.5	135	0	0		S
Dieldrin	4.76	0.50	1	0	476	40.6	148	0	0		S
Endrin	10.08	0.50	1	7.335	275	45.1	145	0	0		S
gamma-BHC	3.554	0.25	1	2.014	154	41.2	147	0	0		S
Heptachlor	1.953	0.25	1	0	195	34.8	135	0	0		S
Surr: Decachlorobiphenyl	0.4815	0	0.5	0	96.3	16.1	124	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: **1001J80-040CMS** SampType: **MS** Batch ID: **124648** Units: **ug/L** Prep Date: **2/3/2010** RunNo: **165084**
Client ID: **MW 13** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/4/2010** SeqNo: **3419131**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Tetrachloro-m-xylene	0.8142	0	0.5	0	163	16	126	0	0		S

Sample ID: **1001J80-040CMSD** SampType: **MSD** Batch ID: **124648** Units: **ug/L** Prep Date: **2/3/2010** RunNo: **165084**
Client ID: **MW 13** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** Analysis Date: **2/5/2010** SeqNo: **3419137**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	3.446	0.50	1	2.424	102	18.4	148	3.579	3.78	24.2	
Aldrin	2.173	0.25	1	0	217	25.5	135	2.276	4.64	28	S
Dieldrin	4.418	0.50	1	0	442	40.6	148	4.76	7.44	20.5	S
Endrin	8.797	0.50	1	7.335	146	45.1	145	10.08	13.6	20.3	S
gamma-BHC	3.408	0.25	1	2.014	139	41.2	147	3.554	4.18	26.5	
Heptachlor	1.934	0.25	1	0	193	34.8	135	1.953	0.978	31.3	S
Surr: Decachlorobiphenyl	0.4238	0	0.5	0	84.8	16.1	124	0.4815	0	0	
Surr: Tetrachloro-m-xylene	0.7444	0	0.5	0	149	16	126	0.8142	0	0	S

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED HERBICIDES SW8151A

Sample ID: **MB-124640** SampType: **MBLK** Batch ID: **124640** Units: **ug/Kg** Prep Date: **2/2/2010** RunNo: **165119**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/4/2010** SeqNo: **3420070**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	BRL	33									
2,4,5-TP (Silvex)	BRL	33									
2,4-D	BRL	33									
2,4-DB	BRL	170									
Dalapon	BRL	330									
Dicamba	BRL	33									
Dichlorprop	BRL	33									
Dinoseb	BRL	85									
MCPA	BRL	3300									
MCPP	BRL	3300									
Surr: DCAA	137	0	166.7	0	82.2	41.2	133	0	0		

Sample ID: **MB-124701** SampType: **MBLK** Batch ID: **124701** Units: **ug/Kg** Prep Date: **2/3/2010** RunNo: **165387**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/10/2010** SeqNo: **3425710**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	BRL	33	0	0	0	0	0	0	0		
2,4,5-TP (Silvex)	BRL	33	0	0	0	0	0	0	0		
2,4-D	BRL	33	0	0	0	0	0	0	0		
2,4-DB	BRL	170	0	0	0	0	0	0	0		
Dalapon	BRL	330	0	0	0	0	0	0	0		
Dicamba	BRL	33	0	0	0	0	0	0	0		
Dichlorprop	BRL	33	0	0	0	0	0	0	0		
Dinoseb	BRL	85	0	0	0	0	0	0	0		
MCPA	BRL	3300	0	0	0	0	0	0	0		
MCPP	BRL	3300	0	0	0	0	0	0	0		
Surr: DCAA	163.3	0	166.7	0	98	41.2	133	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED HERBICIDES SW8151A

Sample ID: **MB-125112** SampType: **MBLK** Batch ID: **125112** Units: **ug/Kg** Prep Date: **2/12/2010** RunNo: **165825**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/16/2010** SeqNo: **3435574**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	BRL	33	0	0	0	0	0	0	0		
2,4,5-TP (Silvex)	BRL	33	0	0	0	0	0	0	0		
2,4-D	BRL	33	0	0	0	0	0	0	0		
2,4-DB	BRL	170	0	0	0	0	0	0	0		
Dalapon	BRL	330	0	0	0	0	0	0	0		
Dicamba	BRL	33	0	0	0	0	0	0	0		
Dichlorprop	BRL	33	0	0	0	0	0	0	0		
Dinoseb	BRL	85	0	0	0	0	0	0	0		
MCPA	BRL	3300	0	0	0	0	0	0	0		
MCPP	BRL	3300	0	0	0	0	0	0	0		
Surr: DCAA	105.9	0	166.7	0	63.5	41.2	133	0	0		

Sample ID: **LCS-124640** SampType: **LCS** Batch ID: **124640** Units: **ug/Kg** Prep Date: **2/2/2010** RunNo: **165119**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/4/2010** SeqNo: **3420073**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	118.8	33	166.7	0	71.3	39.6	115	0	0		
2,4,5-TP (Silvex)	137.8	33	166.7	0	82.7	50.3	115	0	0		
2,4-D	134.2	33	166.7	0	80.5	31.3	115	0	0		
Dicamba	131.6	33	166.7	0	79	60.3	114	0	0		
Dichlorprop	139.7	33	166.7	0	83.8	30.4	118	0	0		
Surr: DCAA	134.6	0	166.7	0	80.7	41.2	133	0	0		

Sample ID: **LCS-124701** SampType: **LCS** Batch ID: **124701** Units: **ug/Kg** Prep Date: **2/3/2010** RunNo: **165387**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/10/2010** SeqNo: **3425862**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	140.5	33	166.7	0	84.3	39.6	115	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED HERBICIDES SW8151A

Sample ID: **LCS-124701** SampType: **LCS** Batch ID: **124701** Units: **ug/Kg** Prep Date: **2/3/2010** RunNo: **165387**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/10/2010** SeqNo: **3425862**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-TP (Silvex)	148.7	33	166.7	0	89.2	50.3	115	0	0		
2,4-D	155.9	33	166.7	0	93.5	31.3	115	0	0		
Dicamba	138.2	33	166.7	0	82.9	60.3	114	0	0		
Dichlorprop	158.5	33	166.7	0	95.1	30.4	118	0	0		
Surr: DCAA	153.9	0	166.7	0	92.3	41.2	133	0	0		

Sample ID: **LCS-125112** SampType: **LCS** Batch ID: **125112** Units: **ug/Kg** Prep Date: **2/12/2010** RunNo: **165825**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/16/2010** SeqNo: **3435575**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	116.6	33	166.7	0	70	39.6	115	0	0		
2,4,5-TP (Silvex)	121.8	33	166.7	0	73	50.3	115	0	0		
2,4-D	89.52	33	166.7	0	53.7	31.3	115	0	0		
Dicamba	132.7	33	166.7	0	79.6	60.3	114	0	0		
Dichlorprop	99.45	33	166.7	0	59.7	30.4	118	0	0		
Surr: DCAA	131.8	0	166.7	0	79	41.2	133	0	0		

Sample ID: **1001J80-013CMS** SampType: **MS** Batch ID: **124640** Units: **ug/Kg-dry** Prep Date: **2/2/2010** RunNo: **165119**
Client ID: **SS 4 3'** TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/4/2010** SeqNo: **3420074**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	71.79	39	195.5	0	36.7	41.2	116	0	0		S
2,4,5-TP (Silvex)	110.7	39	195.5	0	56.6	45	128	0	0		
2,4-D	181.6	39	195.5	0	92.9	34.6	128	0	0		
Dicamba	147.3	39	195.5	0	75.4	49.1	119	0	0		
Dichlorprop	112.7	39	195.5	0	57.7	45.2	115	0	0		
Surr: DCAA	129	0	195.5	0	66	41.2	133	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED HERBICIDES SW8151A

Sample ID: **1002122-008DMS** SampType: **MS** Batch ID: **124701** Units: **ug/Kg-dry** Prep Date: **2/3/2010** RunNo: **165525**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/11/2010** SeqNo: **3429055**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	44.87	34	173.6	0	25.9	41.2	116	0	0		S
2,4,5-TP (Silvex)	99.33	34	173.6	0	57.2	45	128	0	0		
2,4-D	336.8	34	173.6	0	194	34.6	128	0	0		S
Dicamba	64.42	34	173.6	0	37.1	49.1	119	0	0		S
Dichlorprop	59.26	34	173.6	0	34.1	45.2	115	0	0		S
Surr: DCAA	BRL	0	173.6	0	0	41.2	133	0	0		S

Sample ID: **1002832-002AMS** SampType: **MS** Batch ID: **125112** Units: **ug/Kg** Prep Date: **2/12/2010** RunNo: **165825**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/16/2010** SeqNo: **3435577**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	980.7	200	996.2	0	98.4	41.2	116	0	0		
2,4,5-TP (Silvex)	1042	200	996.2	0	105	45	128	0	0		
2,4-D	1181	200	996.2	0	119	34.6	128	0	0		
Dicamba	994.9	200	996.2	0	99.9	49.1	119	0	0		
Dichlorprop	983.2	200	996.2	0	98.7	45.2	115	0	0		
Surr: DCAA	1057	0	996.2	0	106	41.2	133	0	0		

Sample ID: **1001J80-013CMSD** SampType: **MSD** Batch ID: **124640** Units: **ug/Kg-dry** Prep Date: **2/2/2010** RunNo: **165119**
Client ID: **SS 4 3'** TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/4/2010** SeqNo: **3420077**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	58.76	39	195.2	0	30.1	41.2	116	71.79	19.9	38	S
2,4,5-TP (Silvex)	105	39	195.2	0	53.8	45	128	110.7	5.32	33.3	
2,4-D	59.89	39	195.2	0	30.7	34.6	128	181.6	101	28.7	SR
Dicamba	140.3	39	195.2	0	71.9	49.1	119	147.3	4.92	22.6	
Dichlorprop	109.7	39	195.2	0	56.2	45.2	115	112.7	2.75	28.4	
Surr: DCAA	121.8	0	195.2	0	62.4	41.2	133	129	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED HERBICIDES SW8151A

Sample ID: **1002122-008DMSD** SampType: **MSD** Batch ID: **124701** Units: **ug/Kg-dry** Prep Date: **2/3/2010** RunNo: **165525**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/11/2010** SeqNo: **3429057**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	98.21	34	173.4	0	56.6	41.2	116	44.87	74.6	38	R
2,4,5-TP (Silvex)	106.4	34	173.4	0	61.4	45	128	99.33	6.89	33.3	
2,4-D	152.6	34	173.4	0	88	34.6	128	336.8	75.3	28.7	R
Dicamba	118.1	34	173.4	0	68.1	49.1	119	64.42	58.8	22.6	R
Dichlorprop	93.03	34	173.4	0	53.6	45.2	115	59.26	44.3	28.4	R
Surr: DCAA	BRL	0	173.4	0	0	41.2	133	0	0	0	S

Sample ID: **1002832-002AMSD** SampType: **MSD** Batch ID: **125112** Units: **ug/Kg** Prep Date: **2/12/2010** RunNo: **165825**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/16/2010** SeqNo: **3435578**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	1017	200	1000	0	102	41.2	116	980.7	3.62	38	
2,4,5-TP (Silvex)	1093	200	1000	0	109	45	128	1042	4.81	33.3	
2,4-D	1166	200	1000	0	117	34.6	128	1181	1.28	28.7	
Dicamba	1042	200	1000	0	104	49.1	119	994.9	4.66	22.6	
Dichlorprop	1034	200	1000	0	103	45.2	115	983.2	5.07	28.4	
Surr: DCAA	1108	0	1000	0	111	41.2	133	1057	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED HERBICIDES SW8151A

Sample ID: **MB-124556** SampType: **MBLK** Batch ID: **124556** Units: **ug/L** Prep Date: **2/1/2010** RunNo: **164990**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/3/2010** SeqNo: **3417077**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	BRL	2.0	0	0	0	0	0	0	0		
2,4,5-TP (Silvex)	BRL	2.0	0	0	0	0	0	0	0		
2,4-D	BRL	2.0	0	0	0	0	0	0	0		
2,4-DB	BRL	10	0	0	0	0	0	0	0		
Dalapon	BRL	10	0	0	0	0	0	0	0		
Dicamba	BRL	2.0	0	0	0	0	0	0	0		
Dichlorprop	BRL	2.0	0	0	0	0	0	0	0		
Dinoseb	BRL	5.0	0	0	0	0	0	0	0		
MCPA	BRL	500	0	0	0	0	0	0	0		
MCPP	BRL	500	0	0	0	0	0	0	0		
Surr: DCAA	5.683	0	5	0	114	50	143	0	0		

Sample ID: **LCS-124556** SampType: **LCS** Batch ID: **124556** Units: **ug/L** Prep Date: **2/1/2010** RunNo: **164990**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/3/2010** SeqNo: **3417079**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	4.948	2.0	5	0	99	62.7	125	0	0		
2,4,5-TP (Silvex)	4.93	2.0	5	0	98.6	64.2	124	0	0		
2,4-D	5.339	2.0	5	0	107	58.6	131	0	0		
Dicamba	4.624	2.0	5	0	92.5	65	120	0	0		
Dichlorprop	4.906	2.0	5	0	98.1	52	127	0	0		
Surr: DCAA	5.24	0	5	0	105	50	143	0	0		

Sample ID: **1001J48-005AMS** SampType: **MS** Batch ID: **124556** Units: **ug/L** Prep Date: **2/1/2010** RunNo: **164990**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/3/2010** SeqNo: **3417082**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	4.959	2.0	5	0	99.2	49.2	135	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED HERBICIDES SW8151A

Sample ID: **1001J48-005AMS** SampType: **MS** Batch ID: **124556** Units: **ug/L** Prep Date: **2/1/2010** RunNo: **164990**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/3/2010** SeqNo: **3417082**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-TP (Silvex)	4.897	2.0	5	0	97.9	58.8	133	0	0		
2,4-D	5.492	2.0	5	0	110	48.9	141	0	0		
Dicamba	4.65	2.0	5	0	93	49.4	138	0	0		
Dichlorprop	5.023	2.0	5	0	100	36.8	143	0	0		
Surr: DCAA	5.126	0	5	0	103	50	143	0	0		

Sample ID: **1001J48-005AMSD** SampType: **MSD** Batch ID: **124556** Units: **ug/L** Prep Date: **2/1/2010** RunNo: **164990**
Client ID: TestCode: **CHLORINATED HERBICIDES SW8151A** Analysis Date: **2/3/2010** SeqNo: **3417084**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	5.177	2.0	5	0	104	49.2	135	4.959	4.30	25.4	
2,4,5-TP (Silvex)	5.003	2.0	5	0	100	58.8	133	4.897	2.14	26.7	
2,4-D	5.569	2.0	5	0	111	48.9	141	5.492	1.38	37.7	
Dicamba	4.64	2.0	5	0	92.8	49.4	138	4.65	0.218	32.9	
Dichlorprop	4.914	2.0	5	0	98.3	36.8	143	5.023	2.19	33.4	
Surr: DCAA	4.994	0	5	0	99.9	50	143	5.126	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-124709**	SampType: **MBLK**	Batch ID: **124709**	Units: **ug/Kg**	Prep Date: **2/3/2010**	RunNo: **164861**
Client ID:	TestCode: **Volatile Organic Compounds by GC/MS**	**SW8260B**	Analysis Date: **2/3/2010**		SeqNo: **3415527**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	2500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	5000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									
cis-1,2-Dichloroethene	BRL	250									

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-124709** SampType: **MBLK** Batch ID: **124709** Units: **ug/Kg** Prep Date: **2/3/2010** RunNo: **164861**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/3/2010** SeqNo: **3415527**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Xylenes, Total	BRL	250									
Surr: 4-Bromofluorobenzene	2365	0	2500	0	94.6	58.2	140	0	0		
Surr: Dibromofluoromethane	2480	0	2500	0	99.2	71.1	132	0	0		
Surr: Toluene-d8	2456	0	2500	0	98.3	77.6	119	0	0		

Sample ID: **MB-124759** SampType: **MBLK** Batch ID: **124759** Units: **ug/Kg** Prep Date: **2/3/2010** RunNo: **164946**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/4/2010** SeqNo: **3416240**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-124759**	SampType: **MBLK**	Batch ID: **124759**	Units: **ug/Kg**	Prep Date: **2/3/2010**	RunNo: **164946**
Client ID:	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**			Analysis Date: **2/4/2010**	SeqNo: **3416240**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0		
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0		
2-Butanone	BRL	50	0	0	0	0	0	0	0		
2-Hexanone	BRL	10	0	0	0	0	0	0	0		
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0		
Acetone	BRL	100	0	0	0	0	0	0	0		
Benzene	BRL	5.0	0	0	0	0	0	0	0		
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0		
Bromoform	BRL	5.0	0	0	0	0	0	0	0		
Bromomethane	BRL	5.0	0	0	0	0	0	0	0		
Carbon disulfide	BRL	10	0	0	0	0	0	0	0		
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0		
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
Chloroethane	BRL	10	0	0	0	0	0	0	0		
Chloroform	BRL	5.0	0	0	0	0	0	0	0		
Chloromethane	BRL	10	0	0	0	0	0	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-124759**	SampType: **MBLK**	Batch ID: **124759**	Units: **ug/Kg**	Prep Date: **2/3/2010**	RunNo: **164946**
Client ID:	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**			Analysis Date: **2/4/2010**	SeqNo: **3416240**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0		
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0		
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0		
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0		
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0		
Freon-113	BRL	10	0	0	0	0	0	0	0		
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0		
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0		
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0		
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0		
Methylene chloride	BRL	20	0	0	0	0	0	0	0		
Styrene	BRL	5.0	0	0	0	0	0	0	0		
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0		
Toluene	BRL	5.0	0	0	0	0	0	0	0		
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0		
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0		
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0		
Vinyl chloride	BRL	10	0	0	0	0	0	0	0		
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0		
Surr: 4-Bromofluorobenzene	49.44	0	50	0	98.9	58.2	140	0	0		
Surr: Dibromofluoromethane	49.26	0	50	0	98.5	71.1	132	0	0		
Surr: Toluene-d8	47.78	0	50	0	95.6	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-125289**	SampType: **MBLK**	Batch ID: **125289**	Units: **ug/Kg**	Prep Date: **2/17/2010**	RunNo: **165868**
Client ID:	TestCode: **Volatile Organic Compounds by GC/MS**	**SW8260B**	Analysis Date: **2/17/2010**		SeqNo: **3437140**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
1,4-Dioxane	BRL	150									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	100									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-125289**	SampType: **MBLK**	Batch ID: **125289**	Units: **ug/Kg**	Prep Date: **2/17/2010**	RunNo: **165868**
Client ID:	TestCode: **Volatile Organic Compounds by GC/MS**	**SW8260B**	Analysis Date: **2/17/2010**		SeqNo: **3437140**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Xylenes, Total	BRL	5.0									
Surr: 4-Bromofluorobenzene	41.49	0	50	0	83	58.2	140	0	0		
Surr: Dibromofluoromethane	58.92	0	50	0	118	71.1	132	0	0		
Surr: Toluene-d8	51.09	0	50	0	102	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-125412**	SampType: **MBLK**	Batch ID: **125412**	Units: **ug/Kg**	Prep Date: **2/19/2010**	RunNo: **165977**
Client ID:	TestCode: **Volatile Organic Compounds by GC/MS**	**SW8260B**	Analysis Date: **2/19/2010**		SeqNo: **3440739**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	250	0	0	0	0	0	0	0		
1,1,2,2-Tetrachloroethane	BRL	250	0	0	0	0	0	0	0		
1,1,2-Trichloroethane	BRL	250	0	0	0	0	0	0	0		
1,1-Dichloroethane	BRL	250	0	0	0	0	0	0	0		
1,1-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
1,2,4-Trichlorobenzene	BRL	250	0	0	0	0	0	0	0		
1,2-Dibromo-3-chloropropane	BRL	250	0	0	0	0	0	0	0		
1,2-Dibromoethane	BRL	250	0	0	0	0	0	0	0		
1,2-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0		
1,2-Dichloroethane	BRL	250	0	0	0	0	0	0	0		
1,2-Dichloropropane	BRL	250	0	0	0	0	0	0	0		
1,3-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0		
1,4-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0		
1,4-Dioxane	BRL	7500	0	0	0	0	0	0	0		
2-Butanone	BRL	2500	0	0	0	0	0	0	0		
2-Hexanone	BRL	500	0	0	0	0	0	0	0		
4-Methyl-2-pentanone	BRL	500	0	0	0	0	0	0	0		
Acetone	BRL	5000	0	0	0	0	0	0	0		
Benzene	BRL	250	0	0	0	0	0	0	0		
Bromodichloromethane	BRL	250	0	0	0	0	0	0	0		
Bromoform	BRL	250	0	0	0	0	0	0	0		
Bromomethane	BRL	250	0	0	0	0	0	0	0		
Carbon disulfide	BRL	500	0	0	0	0	0	0	0		
Carbon tetrachloride	BRL	250	0	0	0	0	0	0	0		
Chlorobenzene	BRL	250	0	0	0	0	0	0	0		
Chloroethane	BRL	500	0	0	0	0	0	0	0		
Chloroform	BRL	250	0	0	0	0	0	0	0		
Chloromethane	BRL	500	0	0	0	0	0	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-125412**	SampType: **MBLK**	Batch ID: **125412**	Units: **ug/Kg**	Prep Date: **2/19/2010**	RunNo: **165977**
Client ID:	TestCode: **Volatile Organic Compounds by GC/MS**	**SW8260B**		Analysis Date: **2/19/2010**	SeqNo: **3440739**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
cis-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0		
Cyclohexane	BRL	250	0	0	0	0	0	0	0		
Dibromochloromethane	BRL	250	0	0	0	0	0	0	0		
Dichlorodifluoromethane	BRL	500	0	0	0	0	0	0	0		
Ethylbenzene	BRL	250	0	0	0	0	0	0	0		
Freon-113	BRL	500	0	0	0	0	0	0	0		
Isopropylbenzene	BRL	250	0	0	0	0	0	0	0		
Methyl acetate	BRL	250	0	0	0	0	0	0	0		
Methyl tert-butyl ether	BRL	250	0	0	0	0	0	0	0		
Methylcyclohexane	BRL	250	0	0	0	0	0	0	0		
Methylene chloride	BRL	1000	0	0	0	0	0	0	0		
Styrene	BRL	250	0	0	0	0	0	0	0		
Tetrachloroethene	BRL	250	0	0	0	0	0	0	0		
Toluene	BRL	250	0	0	0	0	0	0	0		
trans-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0		
trans-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0		
Trichloroethene	BRL	250	0	0	0	0	0	0	0		
Trichlorofluoromethane	BRL	250	0	0	0	0	0	0	0		
Vinyl chloride	BRL	500	0	0	0	0	0	0	0		
Xylenes, Total	BRL	250	0	0	0	0	0	0	0		
Surr: 4-Bromofluorobenzene	2514	0	2500	0	101	58.2	140	0	0		
Surr: Dibromofluoromethane	2378	0	2500	0	95.1	71.1	132	0	0		
Surr: Toluene-d8	2422	0	2500	0	96.9	77.6	119	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **LCS-124709** SampType: **LCS** Batch ID: **124709** Units: **ug/Kg** Prep Date: **2/3/2010** RunNo: **164861**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/3/2010** SeqNo: **3415528**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2627	250	2500	0	105	66.1	158	0	0		
Benzene	2712	250	2500	0	108	68.7	139	0	0		
Chlorobenzene	2435	250	2500	0	97.4	74.1	136	0	0		
Toluene	2789	250	2500	0	112	68.5	139	0	0		
Trichloroethene	2850	250	2500	0	114	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	2473	0	2500	0	98.9	58.2	140	0	0		
Surr: Dibromofluoromethane	2286	0	2500	0	91.4	71.1	132	0	0		
Surr: Toluene-d8	2438	0	2500	0	97.5	77.6	119	0	0		

Sample ID: **LCS-124759** SampType: **LCS** Batch ID: **124759** Units: **ug/Kg** Prep Date: **2/3/2010** RunNo: **164946**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/4/2010** SeqNo: **3416238**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	45.05	5.0	50	0	90.1	66.1	158	0	0		
Benzene	52.27	5.0	50	0	105	68.7	139	0	0		
Chlorobenzene	51.48	5.0	50	0	103	74.1	136	0	0		
Toluene	52.35	5.0	50	0	105	68.5	139	0	0		
Trichloroethene	53.78	5.0	50	0	108	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	48.79	0	50	0	97.6	58.2	140	0	0		
Surr: Dibromofluoromethane	49.23	0	50	0	98.5	71.1	132	0	0		
Surr: Toluene-d8	48.76	0	50	0	97.5	77.6	119	0	0		

Sample ID: **LCS-125289** SampType: **LCS** Batch ID: **125289** Units: **ug/Kg** Prep Date: **2/17/2010** RunNo: **165868**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/17/2010** SeqNo: **3437139**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	62.94	5.0	50	0	126	66.1	158	0	0		
Benzene	48.54	5.0	50	0	97.1	68.7	139	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **LCS-125289**	SampType: **LCS**	Batch ID: **125289**	Units: **ug/Kg**	Prep Date: **2/17/2010**	RunNo: **165868**
Client ID:	TestCode: **Volatile Organic Compounds by GC/MS**	**SW8260B**	Analysis Date: **2/17/2010**	SeqNo: **3437139**	

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	45.71	5.0	50	0	91.4	74.1	136	0	0		
Toluene	48.17	5.0	50	0	96.3	68.5	139	0	0		
Trichloroethene	45.6	5.0	50	0	91.2	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	41.61	0	50	0	83.2	58.2	140	0	0		
Surr: Dibromofluoromethane	55.5	0	50	0	111	71.1	132	0	0		
Surr: Toluene-d8	48.15	0	50	0	96.3	77.6	119	0	0		

Sample ID: **LCS-125412**	SampType: **LCS**	Batch ID: **125412**	Units: **ug/Kg**	Prep Date: **2/19/2010**	RunNo: **165977**
Client ID:	TestCode: **Volatile Organic Compounds by GC/MS**	**SW8260B**	Analysis Date: **2/19/2010**	SeqNo: **3440738**	

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2386	250	2500	0	95.4	66.1	158	0	0		
Benzene	2728	250	2500	0	109	68.7	139	0	0		
Chlorobenzene	2820	250	2500	0	113	74.1	136	0	0		
Toluene	3016	250	2500	0	121	68.5	139	0	0		
Trichloroethene	3035	250	2500	0	121	74.5	137	0	0		
Surr: 4-Bromofluorobenzene	2472	0	2500	0	98.9	58.2	140	0	0		
Surr: Dibromofluoromethane	2411	0	2500	0	96.4	71.1	132	0	0		
Surr: Toluene-d8	2522	0	2500	0	101	77.6	119	0	0		

Sample ID: **1001I76-001AMS**	SampType: **MS**	Batch ID: **124709**	Units: **ug/Kg-dry**	Prep Date: **2/3/2010**	RunNo: **164861**
Client ID:	TestCode: **Volatile Organic Compounds by GC/MS**	**SW8260B**	Analysis Date: **2/3/2010**	SeqNo: **3415532**	

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	200700	19000	189900	0	106	60.6	160	0	0		
Benzene	254400	19000	189900	45460	110	64	142	0	0		
Chlorobenzene	193600	19000	189900	0	102	70.6	140	0	0		
Toluene	302500	19000	189900	80020	117	61.6	143	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Sample ID: **1001I76-001AMS** SampType: **MS** Batch ID: **124709** Units: **ug/Kg-dry** Prep Date: **2/3/2010** RunNo: **164861**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/3/2010** SeqNo: **3415532**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	217900	19000	189900	0	115	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	193300	0	189900	0	102	58.2	140	0	0		
Surr: Dibromofluoromethane	173400	0	189900	0	91.3	71.1	132	0	0		
Surr: Toluene-d8	188700	0	189900	0	99.4	77.6	119	0	0		

Sample ID: **1001J80-012AMS** SampType: **MS** Batch ID: **124759** Units: **ug/Kg-dry** Prep Date: **2/3/2010** RunNo: **164946**
Client ID: **SS 3 3'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/4/2010** SeqNo: **3416260**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	55.9	5.9	58.51	0	95.5	60.6	160	0	0		
Benzene	62.62	5.9	58.51	0	107	64	142	0	0		
Chlorobenzene	61.55	5.9	58.51	0	105	70.6	140	0	0		
Toluene	59.83	5.9	58.51	0	102	61.6	143	0	0		
Trichloroethene	60.61	5.9	58.51	0	104	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	56.39	0	58.51	0	96.4	58.2	140	0	0		
Surr: Dibromofluoromethane	59.34	0	58.51	0	101	71.1	132	0	0		
Surr: Toluene-d8	55.87	0	58.51	0	95.5	77.6	119	0	0		

Sample ID: **1002839-040AMS** SampType: **MS** Batch ID: **125289** Units: **ug/Kg-dry** Prep Date: **2/17/2010** RunNo: **165868**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/18/2010** SeqNo: **3437142**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	58.39	5.9	58.72	0	99.4	60.6	160	0	0		
Benzene	55.17	5.9	58.72	0	94	64	142	0	0		
Chlorobenzene	52.66	5.9	58.72	0	89.7	70.6	140	0	0		
Toluene	52.48	5.9	58.72	0	89.4	61.6	143	0	0		
Trichloroethene	53.83	5.9	58.72	0	91.7	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	56.7	0	58.72	0	96.6	58.2	140	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1002839-040AMS** SampType: **MS** Batch ID: **125289** Units: **ug/Kg-dry** Prep Date: **2/17/2010** RunNo: **165868**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/18/2010** SeqNo: **3437142**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	54.11	0	58.72	0	92.2	71.1	132	0	0		
Surr: Toluene-d8	54.78	0	58.72	0	93.3	77.6	119	0	0		

Sample ID: **1002838-026AMS** SampType: **MS** Batch ID: **125412** Units: **ug/Kg-dry** Prep Date: **2/19/2010** RunNo: **165977**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/19/2010** SeqNo: **3440741**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2261	190	1939	361.9	97.9	60.6	160	0	0		
Benzene	2214	190	1939	0	114	64	142	0	0		
Chlorobenzene	2312	190	1939	0	119	70.6	140	0	0		
Toluene	2432	190	1939	0	125	61.6	143	0	0		
Trichloroethene	2474	190	1939	0	128	70.3	147	0	0		
Surr: 4-Bromofluorobenzene	1913	0	1939	0	98.6	58.2	140	0	0		
Surr: Dibromofluoromethane	1796	0	1939	0	92.6	71.1	132	0	0		
Surr: Toluene-d8	1958	0	1939	0	101	77.6	119	0	0		

Sample ID: **1001I76-001AMSD** SampType: **MSD** Batch ID: **124709** Units: **ug/Kg-dry** Prep Date: **2/3/2010** RunNo: **164861**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/3/2010** SeqNo: **3415543**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	202200	19000	189900	0	106	60.6	160	200700	0.735	30.9	
Benzene	247900	19000	189900	45460	107	64	142	254400	2.62	22.5	
Chlorobenzene	180700	19000	189900	0	95.2	70.6	140	193600	6.86	21.9	
Toluene	275400	19000	189900	80020	103	61.6	143	302500	9.37	25.8	
Trichloroethene	210600	19000	189900	0	111	70.3	147	217900	3.42	28	
Surr: 4-Bromofluorobenzene	189000	0	189900	0	99.5	58.2	140	193300	0	0	
Surr: Dibromofluoromethane	185500	0	189900	0	97.7	71.1	132	173400	0	0	
Surr: Toluene-d8	182000	0	189900	0	95.9	77.6	119	188700	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001J80-012AMSD** SampType: **MSD** Batch ID: **124759** Units: **ug/Kg-dry** Prep Date: **2/3/2010** RunNo: **164946**
Client ID: **SS 3 3'** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/4/2010** SeqNo: **3416261**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	57.29	5.9	58.51	0	97.9	60.6	160	55.9	2.46	30.9	
Benzene	64.18	5.9	58.51	0	110	64	142	62.62	2.45	22.5	
Chlorobenzene	61.91	5.9	58.51	0	106	70.6	140	61.55	0.588	21.9	
Toluene	62.26	5.9	58.51	0	106	61.6	143	59.83	3.99	25.8	
Trichloroethene	63.74	5.9	58.51	0	109	70.3	147	60.61	5.02	28	
Surr: 4-Bromofluorobenzene	55.54	0	58.51	0	94.9	58.2	140	56.39	0	0	
Surr: Dibromofluoromethane	61.03	0	58.51	0	104	71.1	132	59.34	0	0	
Surr: Toluene-d8	56.97	0	58.51	0	97.4	77.6	119	55.87	0	0	

Sample ID: **1002839-040AMSD** SampType: **MSD** Batch ID: **125289** Units: **ug/Kg-dry** Prep Date: **2/17/2010** RunNo: **165868**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/18/2010** SeqNo: **3437143**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	58.47	5.9	58.72	0	99.6	60.6	160	58.39	0.141	30.9	
Benzene	53.3	5.9	58.72	0	90.8	64	142	55.17	3.44	22.5	
Chlorobenzene	51.73	5.9	58.72	0	88.1	70.6	140	52.66	1.78	21.9	
Toluene	49.89	5.9	58.72	0	85	61.6	143	52.48	5.07	25.8	
Trichloroethene	53.19	5.9	58.72	0	90.6	70.3	147	53.83	1.21	28	
Surr: 4-Bromofluorobenzene	57.17	0	58.72	0	97.4	58.2	140	56.7	0	0	
Surr: Dibromofluoromethane	53.16	0	58.72	0	90.5	71.1	132	54.11	0	0	
Surr: Toluene-d8	55.06	0	58.72	0	93.8	77.6	119	54.78	0	0	

Sample ID: **1002838-026AMSD** SampType: **MSD** Batch ID: **125412** Units: **ug/Kg-dry** Prep Date: **2/19/2010** RunNo: **165977**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/19/2010** SeqNo: **3440742**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2232	190	1939	361.9	96.4	60.6	160	2261	1.28	30.9	
Benzene	2186	190	1939	0	113	64	142	2214	1.29	22.5	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1002838-026AMSD** SampType: **MSD** Batch ID: **125412** Units: **ug/Kg-dry** Prep Date: **2/19/2010** RunNo: **165977**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/19/2010** SeqNo: **3440742**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	2250	190	1939	0	116	70.6	140	2312	2.75	21.9	
Toluene	2341	190	1939	0	121	61.6	143	2432	3.84	25.8	
Trichloroethene	2399	190	1939	0	124	70.3	147	2474	3.09	28	
Surr: 4-Bromofluorobenzene	1917	0	1939	0	98.8	58.2	140	1913	0	0	
Surr: Dibromofluoromethane	1848	0	1939	0	95.3	71.1	132	1796	0	0	
Surr: Toluene-d8	1932	0	1939	0	99.6	77.6	119	1958	0	0	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-124794**	SampType: **MBLK**	Batch ID: **124794**	Units: **ug/L**	Prep Date: **2/4/2010**	RunNo: **165002**
Client ID:	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**			Analysis Date: **2/4/2010**	SeqNo: **3417771**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0		
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0		
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0		
2-Butanone	BRL	50	0	0	0	0	0	0	0		
2-Hexanone	BRL	10	0	0	0	0	0	0	0		
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0		
Acetone	BRL	50	0	0	0	0	0	0	0		
Benzene	BRL	5.0	0	0	0	0	0	0	0		
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0		
Bromoform	BRL	5.0	0	0	0	0	0	0	0		
Bromomethane	BRL	5.0	0	0	0	0	0	0	0		
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0		
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0		
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0		
Chloroethane	BRL	10	0	0	0	0	0	0	0		
Chloroform	BRL	5.0	0	0	0	0	0	0	0		
Chloromethane	BRL	10	0	0	0	0	0	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **MB-124794**	SampType: **MBLK**	Batch ID: **124794**	Units: **ug/L**	Prep Date: **2/4/2010**	RunNo: **165002**
Client ID:	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**			Analysis Date: **2/4/2010**	SeqNo: **3417771**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0		
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0		
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0		
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0		
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0		
Freon-113	BRL	10	0	0	0	0	0	0	0		
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0		
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0		
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0		
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0		
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0		
Styrene	BRL	5.0	0	0	0	0	0	0	0		
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0		
Toluene	BRL	5.0	0	0	0	0	0	0	0		
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0		
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0		
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0		
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0		
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0		
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0		
Surr: 4-Bromofluorobenzene	48.72	0	50	0	97.4	60.1	127	0	0		
Surr: Dibromofluoromethane	50.81	0	50	0	102	79.6	126	0	0		
Surr: Toluene-d8	51.04	0	50	0	102	78	116	0	0		

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **LCS-124794** SampType: **LCS** Batch ID: **124794** Units: **ug/L** Prep Date: **2/4/2010** RunNo: **165002**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/4/2010** SeqNo: **3417772**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	53.39	5.0	50	0	107	61.4	146	0	0		
Benzene	55.08	5.0	50	0	110	72.8	131	0	0		
Chlorobenzene	56.93	5.0	50	0	114	76	123	0	0		
Toluene	58.45	5.0	50	0	117	74.7	128	0	0		
Trichloroethene	61.38	5.0	50	0	123	74.4	130	0	0		
Surr: 4-Bromofluorobenzene	51.28	0	50	0	103	60.1	127	0	0		
Surr: Dibromofluoromethane	51.67	0	50	0	103	79.6	126	0	0		
Surr: Toluene-d8	53.52	0	50	0	107	78	116	0	0		

Sample ID: **1001J81-001AMS** SampType: **MS** Batch ID: **124794** Units: **ug/L** Prep Date: **2/4/2010** RunNo: **165002**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/4/2010** SeqNo: **3417839**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	52.41	5.0	50	0	105	48.8	172	0	0		
Benzene	56.35	5.0	50	0	113	64.5	143	0	0		
Chlorobenzene	57.9	5.0	50	0	116	74.5	129	0	0		
Toluene	60.61	5.0	50	0	121	62	145	0	0		
Trichloroethene	60.48	5.0	50	0	121	70.3	140	0	0		
Surr: 4-Bromofluorobenzene	50.63	0	50	0	101	60.1	127	0	0		
Surr: Dibromofluoromethane	50.99	0	50	0	102	79.6	126	0	0		
Surr: Toluene-d8	52.84	0	50	0	106	78	116	0	0		

Sample ID: **1001J81-001AMSD** SampType: **MSD** Batch ID: **124794** Units: **ug/L** Prep Date: **2/4/2010** RunNo: **165002**
Client ID: TestCode: **Volatile Organic Compounds by GC/MS SW8260B** Analysis Date: **2/5/2010** SeqNo: **3417842**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	51.21	5.0	50	0	102	48.8	172	52.41	2.32	21.6	
Benzene	55.47	5.0	50	0	111	64.5	143	56.35	1.57	18.3	

Qualifiers:

<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Mactec Engineering and Consulting, Inc.
Work Order: 1001J80
Project: Legion Ind

ANALYTICAL QC SUMMARY REPORT

TestCode: Volatile Organic Compounds by GC/MS SW8260B

Sample ID: **1001J81-001AMSD**	SampType: **MSD**	Batch ID: **124794**	Units: **ug/L**	Prep Date: **2/4/2010**	RunNo: **165002**
Client ID:	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**			Analysis Date: **2/5/2010**	SeqNo: **3417842**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	56.93	5.0	50	0	114	74.5	129	57.9	1.69	19.2	
Toluene	59.39	5.0	50	0	119	62	145	60.61	2.03	21.2	
Trichloroethene	59.09	5.0	50	0	118	70.3	140	60.48	2.32	20.3	
Surr: 4-Bromofluorobenzene	51	0	50	0	102	60.1	127	50.63	0	0	
Surr: Dibromofluoromethane	50.42	0	50	0	101	79.6	126	50.99	0	0	
Surr: Toluene-d8	53.11	0	50	0	106	78	116	52.84	0	0	

Qualifiers:							
	<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 10, 2013

Lindsey Maddox
AMEC E&I, Inc.
396 Plasters Ave
Atlanta GA 30324

TEL: (404) 873-4761
FAX: (404) 817-0183

RE: Legion Industries

Dear Lindsey Maddox: Order No: 1301254

Analytical Environmental Services, Inc. received 15 samples on 1/4/2013 3:05:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/12-06/30/13.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Tara Esbeck

Tara Esbeck
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1301254

Date: 1/4/13 Page 2 of 2

COMPANY: AMEC E&I, INC

ADDRESS: 396 PLASTICS AVE ATLANTA, GA 30324

PHONE: 404-817-0152

FAX:

SAMPLED BY: STEPHEN R. FOLEY

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes) S/M+I	PRESERVATION (See codes) I	No # of Containers
1	SS-13 0.5-1'	1/4/13	0835	X		SO	X	X	5
2	SS-13 2-2.5'		0840						5
3	SS-14 0.5-1'		0900						5
4	SS-14 2-2.5'		0906						5
5	SS-15 0.5-1'		0935						5
6	SS-15 2-2.5'		0941						5
7	SS-16 0.5-1'		0948						5
8	SS-16 2-2.5'		0955						5
9	SS-17 0.5-1'		1003						5
10	SS-17 2-2.5'		1009						5
11	TRIP BLANK								2
12									
13									
14									

ANALYSIS REQUESTED: VOCs + 1,4-Dioxane 8260B; Pesticides

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

REMARKS

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	1/4/13 1505	1: Cataya P	1/4/13 3:05pm
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: LEGION INDUSTRIES

PROJECT #: 6121-09-0444

SITE ADDRESS: 370 MILLS RD WAYNESBORO, GA

SEND REPORT TO: STEPHEN FOLEY

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: PO#:

RECEIPT

Total # of Containers: 52

Turnaround Time Request

- Standard 5 Business Days
- 2 Business Day Rush
- Next Business Day Rush
- Same Day Rush (auth req.)
- Other 3-DAY

STATE PROGRAM (if any):

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

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

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

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1301254

Date: 1/4/13 Page 1 of 2

COMPANY: AMEC E+I, INC

ADDRESS: 396 PLASTERS AVE ATLANTA, GA 30324

PHONE: 404-817-0152

FAX:

SAMPLED BY: STEPHEN R. FOLEY

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs + 1,4-DIOXANE 8260 B	PESTICIDES	PRESERVATION (See codes) S/M+I	PRESERVATION (See codes) I	REMARKS	No # of Containers
1	GP-13-2'	1/3/13	1220	X		SO						5
2	GP-13-6'		1230								HOLD	5
3	GP-14-3'		1247								HOLD	5
4	GP-14-6'		1254								HOLD	5
5	GP-9-3'		1311				X	X				5
6	GP-9-5'		1317								HOLD	5
7	GP-10-2-2½'		1334				X	X				5
8	GP-10 4-4½'		1341								HOLD	5
9	GP-12 2-2½'		1400				X	X				5
10	GP-17 2-2½'		1421								HOLD	5
11	GP-11 2-2½'		1455				X	X				5
12	GP-16 2-2½'		1515								HOLD	5
13	GP-18 2-2½'		1535								HOLD	5
14	GP-19 2-2½'		1552								HOLD	5

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	1/4/13 1505	1: Cataya P	1/4/13 3:05pm
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

(CLIENT) FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: LEGION INDUSTRIES

PROJECT #: 6121-09-0444

SITE ADDRESS: 390 MILLS ROAD WAYNESBORO, GA

SEND REPORT TO: STEPHEN FOLEY

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #:_____ PO#:_____

RECEIPT

Total # of Containers: 70

Turnaround Time Request

- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ☒ Other 3-DAY

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.

SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

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

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

White Copy - Original; Yellow Copy - Client

Client: AMEC E&I, Inc.
Project: Legion Industries
Lab ID: 1301254

Case Narrative

Samples -026, -027, and -028 were included but were not listed on the CoC. Samples logged in using information on the containers.

Sample information on the Chain of Custody did not match that on the sample bottle labels for samples -004A (vials 1-3), -005C, -006C, and -009A (vial 1). Samples were logged in using the information on the CoC. They were matched according to the collection date/time. Samples were labeled "GP-14-", "GP-13-3'", "GP-13-5'", and "GP-10-2-2 1/2'" respectively.

Volatile Organic Compound Analysis by Method 8260B:

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on sample 1301254-002A,018A, -019A, 020A, -022A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Percent recovery for the internal standard compound Pentafluorobenzene on sample 1301254-023A
was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Percent recoveries for the internal standard compounds Pentafluorbenzene, Chlorobenzene-d5 & 1,4 Dichlorobenzene-d4 on sample 1301254-009A were outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Analytical Environmental Services, Inc

Date: 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-9-3'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 1:11:00 PM
Lab ID:	1301254-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Dichlorodifluoromethane	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Chloromethane	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Vinyl chloride	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Bromomethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Chloroethane	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Trichlorofluoromethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,1-Dichloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Acetone	BRL	94		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Freon-113	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Carbon disulfide	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Methyl acetate	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Methylene chloride	BRL	19		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Methyl tert-butyl ether	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
trans-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,1-Dichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
cis-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
2-Butanone	BRL	47		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Chloroform	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,1,1-Trichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Cyclohexane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Carbon tetrachloride	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Benzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,2-Dichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Trichloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Methylcyclohexane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,2-Dichloropropane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Bromodichloromethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
cis-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
4-Methyl-2-pentanone	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Toluene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
trans-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,1,2-Trichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
2-Hexanone	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Tetrachloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Dibromochloromethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,2-Dibromoethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Chlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Ethylbenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Styrene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Bromoform	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-9-3'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 1:11:00 PM
Lab ID:	1301254-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Isopropylbenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,3-Dichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,4-Dichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,2-Dichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,2-Dibromo-3-chloropropane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,2,4-Trichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Xylenes, Total	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Surr: 4-Bromofluorobenzene	85.3	63.8-133		%REC	170929	1	01/08/2013 22:08	MD
Surr: Dibromofluoromethane	113	74.3-130		%REC	170929	1	01/08/2013 22:08	MD
Surr: Toluene-d8	90.7	72.8-122		%REC	170929	1	01/08/2013 22:08	MD
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	6.2	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
4,4´-DDE	5.7	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
4,4´-DDT	20	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Aldrin	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
alpha-BHC	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
alpha-Chlordane	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
beta-BHC	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
delta-BHC	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Dieldrin	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Endosulfan I	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Endosulfan II	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Endrin	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Endrin aldehyde	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Endrin ketone	4.2	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
gamma-BHC	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
gamma-Chlordane	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Heptachlor	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Heptachlor epoxide	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Methoxychlor	BRL	18		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Toxaphene	BRL	180		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Surr: Decachlorobiphenyl	77.3	25.1-119		%REC	170911	1	01/08/2013 11:42	KD
Surr: Tetrachloro-m-xylene	65.1	28.4-116		%REC	170911	1	01/08/2013 11:42	KD
PERCENT MOISTURE D2216								
Percent Moisture	9.03	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-10-2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 1:34:00 PM
Lab ID:	1301254-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	150		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Dichlorodifluoromethane	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Chloromethane	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Vinyl chloride	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Bromomethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Chloroethane	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Trichlorofluoromethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Acetone	BRL	97		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Freon-113	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Carbon disulfide	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Methyl acetate	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Methylene chloride	BRL	19		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Methyl tert-butyl ether	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,1-Dichloroethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
2-Butanone	BRL	49		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Chloroform	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,1,1-Trichloroethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Cyclohexane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Carbon tetrachloride	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Benzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,2-Dichloroethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Trichloroethene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Methylcyclohexane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,2-Dichloropropane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Bromodichloromethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
cis-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
4-Methyl-2-pentanone	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Toluene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
trans-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,1,2-Trichloroethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
2-Hexanone	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Tetrachloroethene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Dibromochloromethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,2-Dibromoethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Chlorobenzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Ethylbenzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Styrene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Bromoform	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-10-2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 1:34:00 PM
Lab ID:	1301254-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Isopropylbenzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,3-Dichlorobenzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,4-Dichlorobenzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,2-Dichlorobenzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,2-Dibromo-3-chloropropane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,2,4-Trichlorobenzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Xylenes, Total	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Surr: 4-Bromofluorobenzene	85.1	63.8-133		%REC	170929	1	01/08/2013 22:35	MD
Surr: Dibromofluoromethane	109	74.3-130		%REC	170929	1	01/08/2013 22:35	MD
Surr: Toluene-d8	91.9	72.8-122		%REC	170929	1	01/08/2013 22:35	MD
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
4,4´-DDE	810	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
4,4´-DDT	14000	770		ug/Kg-dry	170911	200	01/08/2013 16:07	KD
Aldrin	820	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
alpha-BHC	BRL	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
alpha-Chlordane	750	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
beta-BHC	110	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
delta-BHC	200	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Dieldrin	5000	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Endosulfan I	BRL	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Endosulfan II	BRL	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Endosulfan sulfate	BRL	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Endrin	BRL	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Endrin aldehyde	BRL	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Endrin ketone	BRL	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
gamma-BHC	BRL	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
gamma-Chlordane	960	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Heptachlor	BRL	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Heptachlor epoxide	BRL	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Methoxychlor	BRL	970		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Toxaphene	70000	39000		ug/Kg-dry	170911	200	01/08/2013 16:07	KD
Surr: Decachlorobiphenyl	0	25.1-119	S	%REC	170911	50	01/08/2013 15:45	KD
Surr: Tetrachloro-m-xylene	0	28.4-116	S	%REC	170911	50	01/08/2013 15:45	KD
PERCENT MOISTURE D2216								
Percent Moisture	14.1	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-12 2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 2:00:00 PM
Lab ID:	1301254-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Dichlorodifluoromethane	BRL	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Chloromethane	BRL	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Vinyl chloride	38	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Bromomethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Chloroethane	BRL	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Trichlorofluoromethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,1-Dichloroethene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Acetone	BRL	86		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Freon-113	BRL	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Carbon disulfide	BRL	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Methyl acetate	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Methylene chloride	BRL	17		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Methyl tert-butyl ether	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
trans-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,1-Dichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
cis-1,2-Dichloroethene	220	190		ug/Kg-dry	170999	50	01/09/2013 16:50	GK
2-Butanone	BRL	43		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Chloroform	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,1,1-Trichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Cyclohexane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Carbon tetrachloride	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Benzene	13	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,2-Dichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Trichloroethene	820	240		ug/Kg-dry	170999	50	01/09/2013 16:50	GK
Methylcyclohexane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,2-Dichloropropane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Bromodichloromethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
cis-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
4-Methyl-2-pentanone	BRL	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Toluene	5.3	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
trans-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,1,2-Trichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
2-Hexanone	BRL	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Tetrachloroethene	17	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Dibromochloromethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,2-Dibromoethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Chlorobenzene	99	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Ethylbenzene	11	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Styrene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Bromoform	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-12 2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 2:00:00 PM
Lab ID:	1301254-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	18	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Isopropylbenzene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,3-Dichlorobenzene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,4-Dichlorobenzene	120	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,2-Dichlorobenzene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,2-Dibromo-3-chloropropane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,2,4-Trichlorobenzene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Xylenes, Total	19	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Surr: 4-Bromofluorobenzene	87.5	63.8-133		%REC	170999	50	01/09/2013 16:50	GK
Surr: 4-Bromofluorobenzene	65	63.8-133		%REC	170929	1	01/08/2013 23:03	MD
Surr: Dibromofluoromethane	86.8	74.3-130		%REC	170999	50	01/09/2013 16:50	GK
Surr: Dibromofluoromethane	114	74.3-130		%REC	170929	1	01/08/2013 23:03	MD
Surr: Toluene-d8	91.4	72.8-122		%REC	170999	50	01/09/2013 16:50	GK
Surr: Toluene-d8	70.4	72.8-122	S	%REC	170929	1	01/08/2013 23:03	MD
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	1400	380		ug/Kg-dry	170911	100	01/08/2013 16:51	KD
4,4´-DDE	77	19		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
4,4´-DDT	2000	380		ug/Kg-dry	170911	100	01/08/2013 16:51	KD
Aldrin	10	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
alpha-BHC	250	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
alpha-Chlordane	110	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
beta-BHC	41	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
delta-BHC	93	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Dieldrin	58	19		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Endosulfan I	BRL	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Endosulfan II	BRL	19		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Endosulfan sulfate	BRL	19		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Endrin	280	19		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Endrin aldehyde	BRL	19		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Endrin ketone	180	19		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
gamma-BHC	550	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
gamma-Chlordane	91	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Heptachlor	20	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Heptachlor epoxide	BRL	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Methoxychlor	BRL	96		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Toxaphene	2700	1900		ug/Kg-dry	170911	10	01/08/2013 16:40	KD
Surr: Decachlorobiphenyl	72.7	25.1-119		%REC	170911	5	01/08/2013 16:29	KD
Surr: Tetrachloro-m-xylene	60.7	28.4-116		%REC	170911	5	01/08/2013 16:29	KD
PERCENT MOISTURE D2216								

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-12 2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 2:00:00 PM
Lab ID:	1301254-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
PERCENT MOISTURE D2216								
Percent Moisture	13.7	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-11 2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 2:55:00 PM
Lab ID:	1301254-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	120		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Dichlorodifluoromethane	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Chloromethane	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Vinyl chloride	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Bromomethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Chloroethane	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Trichlorofluoromethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,1-Dichloroethene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Acetone	BRL	80		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Freon-113	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Carbon disulfide	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Methyl acetate	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Methylene chloride	BRL	16		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Methyl tert-butyl ether	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,1-Dichloroethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
2-Butanone	BRL	40		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Chloroform	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,1,1-Trichloroethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Cyclohexane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Carbon tetrachloride	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Benzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,2-Dichloroethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Trichloroethene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Methylcyclohexane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,2-Dichloropropane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Bromodichloromethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
cis-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
4-Methyl-2-pentanone	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Toluene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
trans-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,1,2-Trichloroethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
2-Hexanone	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Tetrachloroethene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Dibromochloromethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,2-Dibromoethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Chlorobenzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Ethylbenzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Styrene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Bromoform	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-11 2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 2:55:00 PM
Lab ID:	1301254-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Isopropylbenzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,3-Dichlorobenzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,4-Dichlorobenzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,2-Dichlorobenzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,2-Dibromo-3-chloropropane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,2,4-Trichlorobenzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Xylenes, Total	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Surr: 4-Bromofluorobenzene	99.4	63.8-133		%REC	170929	1	01/08/2013 23:30	MD
Surr: Dibromofluoromethane	106	74.3-130		%REC	170929	1	01/08/2013 23:30	MD
Surr: Toluene-d8	89.9	72.8-122		%REC	170929	1	01/08/2013 23:30	MD
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
4,4´-DDE	6.4	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
4,4´-DDT	5.0	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Aldrin	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
alpha-BHC	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
alpha-Chlordane	2.1	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
beta-BHC	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
delta-BHC	3.7	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Dieldrin	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Endosulfan I	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Endosulfan II	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Endrin	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Endrin aldehyde	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Endrin ketone	15	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
gamma-BHC	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
gamma-Chlordane	1.9	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Heptachlor	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Heptachlor epoxide	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Methoxychlor	BRL	18		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Toxaphene	BRL	180		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Surr: Decachlorobiphenyl	74.5	25.1-119		%REC	170911	1	01/08/2013 11:53	KD
Surr: Tetrachloro-m-xylene	59.5	28.4-116		%REC	170911	1	01/08/2013 11:53	KD
PERCENT MOISTURE D2216								
Percent Moisture	9.03	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-13 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 8:35:00 AM
Lab ID:	1301254-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Dichlorodifluoromethane	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Chloromethane	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Vinyl chloride	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Bromomethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Chloroethane	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Trichlorofluoromethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,1-Dichloroethene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Acetone	BRL	86		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Freon-113	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Carbon disulfide	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Methyl acetate	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Methylene chloride	BRL	17		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Methyl tert-butyl ether	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
trans-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,1-Dichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
cis-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
2-Butanone	BRL	43		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Chloroform	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,1,1-Trichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Cyclohexane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Carbon tetrachloride	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Benzene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,2-Dichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Trichloroethene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Methylcyclohexane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,2-Dichloropropane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Bromodichloromethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
cis-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
4-Methyl-2-pentanone	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Toluene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
trans-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,1,2-Trichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
2-Hexanone	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Tetrachloroethene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Dibromochloromethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,2-Dibromoethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Chlorobenzene	7.5	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Ethylbenzene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Styrene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Bromoform	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-13 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 8:35:00 AM
Lab ID:	1301254-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Isopropylbenzene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,3-Dichlorobenzene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,4-Dichlorobenzene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,2-Dichlorobenzene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,2-Dibromo-3-chloropropane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,2,4-Trichlorobenzene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Xylenes, Total	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Surr: 4-Bromofluorobenzene	90.4	63.8-133		%REC	170929	1	01/07/2013 20:36	MD
Surr: Dibromofluoromethane	107	74.3-130		%REC	170929	1	01/07/2013 20:36	MD
Surr: Toluene-d8	94.8	72.8-122		%REC	170929	1	01/07/2013 20:36	MD
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	88	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
4,4´-DDE	49	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
4,4´-DDT	8.2	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Aldrin	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
alpha-Chlordane	6.7	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
beta-BHC	2.1	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
delta-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Dieldrin	20	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Endosulfan II	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Endrin	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Endrin aldehyde	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Endrin ketone	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
gamma-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
gamma-Chlordane	6.0	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Heptachlor	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Methoxychlor	BRL	20		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Toxaphene	BRL	200		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Surr: Decachlorobiphenyl	75.8	25.1-119		%REC	170911	1	01/08/2013 13:33	KD
Surr: Tetrachloro-m-xylene	65.1	28.4-116		%REC	170911	1	01/08/2013 13:33	KD
PERCENT MOISTURE D2216								
Percent Moisture	15.9	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-13 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 8:40:00 AM
Lab ID:	1301254-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	160		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Chloromethane	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Vinyl chloride	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Bromomethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Chloroethane	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Trichlorofluoromethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,1-Dichloroethene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Acetone	BRL	100		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Freon-113	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Carbon disulfide	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Methyl acetate	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Methylene chloride	BRL	21		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Methyl tert-butyl ether	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
trans-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,1-Dichloroethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
cis-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
2-Butanone	BRL	52		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Chloroform	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,1,1-Trichloroethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Cyclohexane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Carbon tetrachloride	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Benzene	5.7	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,2-Dichloroethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Trichloroethene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Methylcyclohexane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,2-Dichloropropane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Bromodichloromethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
cis-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Toluene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
trans-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,1,2-Trichloroethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
2-Hexanone	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Tetrachloroethene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Dibromochloromethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,2-Dibromoethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Chlorobenzene	20	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Ethylbenzene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Styrene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Bromoform	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-13 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 8:40:00 AM
Lab ID:	1301254-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Isopropylbenzene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,3-Dichlorobenzene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,4-Dichlorobenzene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,2-Dichlorobenzene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,2-Dibromo-3-chloropropane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,2,4-Trichlorobenzene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Xylenes, Total	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Surr: 4-Bromofluorobenzene	95	63.8-133		%REC	170929	1	01/07/2013 21:58	MD
Surr: Dibromofluoromethane	106	74.3-130		%REC	170929	1	01/07/2013 21:58	MD
Surr: Toluene-d8	92.1	72.8-122		%REC	170929	1	01/07/2013 21:58	MD
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
4,4´-DDE	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
4,4´-DDT	5.0	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Aldrin	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
alpha-BHC	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
alpha-Chlordane	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
beta-BHC	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
delta-BHC	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Dieldrin	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Endosulfan I	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Endosulfan II	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Endosulfan sulfate	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Endrin	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Endrin aldehyde	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Endrin ketone	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
gamma-BHC	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
gamma-Chlordane	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Heptachlor	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Heptachlor epoxide	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Methoxychlor	BRL	21		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Toxaphene	BRL	210		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Surr: Decachlorobiphenyl	85.5	25.1-119		%REC	170911	1	01/08/2013 13:45	KD
Surr: Tetrachloro-m-xylene	76.1	28.4-116		%REC	170911	1	01/08/2013 13:45	KD
PERCENT MOISTURE D2216								
Percent Moisture	19.0	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-14 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:00:00 AM
Lab ID:	1301254-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	120		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Dichlorodifluoromethane	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Chloromethane	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Vinyl chloride	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Bromomethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Chloroethane	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Trichlorofluoromethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,1-Dichloroethene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Acetone	BRL	78		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Freon-113	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Carbon disulfide	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Methyl acetate	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Methylene chloride	BRL	16		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Methyl tert-butyl ether	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
trans-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,1-Dichloroethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
cis-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
2-Butanone	BRL	39		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Chloroform	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,1,1-Trichloroethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Cyclohexane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Carbon tetrachloride	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Benzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,2-Dichloroethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Trichloroethene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Methylcyclohexane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,2-Dichloropropane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Bromodichloromethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
cis-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
4-Methyl-2-pentanone	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Toluene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
trans-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,1,2-Trichloroethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
2-Hexanone	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Tetrachloroethene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Dibromochloromethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,2-Dibromoethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Chlorobenzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Ethylbenzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Styrene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Bromoform	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-14 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:00:00 AM
Lab ID:	1301254-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Isopropylbenzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,3-Dichlorobenzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,4-Dichlorobenzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,2-Dichlorobenzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,2-Dibromo-3-chloropropane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,2,4-Trichlorobenzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Xylenes, Total	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Surr: 4-Bromofluorobenzene	91.2	63.8-133		%REC	170929	1	01/07/2013 22:26	MD
Surr: Dibromofluoromethane	111	74.3-130		%REC	170929	1	01/07/2013 22:26	MD
Surr: Toluene-d8	91.8	72.8-122		%REC	170929	1	01/07/2013 22:26	MD
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	130	38		ug/Kg-dry	170911	10	01/09/2013 13:02	SN
4,4´-DDE	28	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
4,4´-DDT	62	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Aldrin	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
alpha-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
alpha-Chlordane	9.3	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
beta-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
delta-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Dieldrin	28	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Endosulfan II	BRL	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Endrin	7.5	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Endrin aldehyde	BRL	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Endrin ketone	8.2	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
gamma-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
gamma-Chlordane	12	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Heptachlor	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Methoxychlor	BRL	19		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Toxaphene	BRL	190		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Surr: Decachlorobiphenyl	76.8	25.1-119		%REC	170911	1	01/08/2013 13:56	KD
Surr: Tetrachloro-m-xylene	70.3	28.4-116		%REC	170911	1	01/08/2013 13:56	KD
PERCENT MOISTURE D2216								
Percent Moisture	13.6	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-14 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:06:00 AM
Lab ID:	1301254-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	160		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Dichlorodifluoromethane	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Chloromethane	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Vinyl chloride	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Bromomethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Chloroethane	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Trichlorofluoromethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,1-Dichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Acetone	BRL	110		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Freon-113	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Carbon disulfide	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Methyl acetate	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Methylene chloride	BRL	22		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Methyl tert-butyl ether	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
trans-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,1-Dichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
cis-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
2-Butanone	BRL	54		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Chloroform	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,1,1-Trichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Cyclohexane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Carbon tetrachloride	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Benzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,2-Dichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Trichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Methylcyclohexane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,2-Dichloropropane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Bromodichloromethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
cis-1,3-Dichloropropene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
4-Methyl-2-pentanone	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Toluene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
trans-1,3-Dichloropropene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,1,2-Trichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
2-Hexanone	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Tetrachloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Dibromochloromethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,2-Dibromoethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Chlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Ethylbenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Styrene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Bromoform	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-14 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:06:00 AM
Lab ID:	1301254-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Isopropylbenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,3-Dichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,4-Dichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,2-Dichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,2-Dibromo-3-chloropropane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,2,4-Trichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Xylenes, Total	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Surr: 4-Bromofluorobenzene	84.7	63.8-133		%REC	170929	1	01/07/2013 22:53	MD
Surr: Dibromofluoromethane	108	74.3-130		%REC	170929	1	01/07/2013 22:53	MD
Surr: Toluene-d8	93.5	72.8-122		%REC	170929	1	01/07/2013 22:53	MD
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	93	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
4,4´-DDE	45	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
4,4´-DDT	86	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Aldrin	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
alpha-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
alpha-Chlordane	5.1	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
beta-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
delta-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Dieldrin	9.8	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Endosulfan II	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Endrin	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Endrin aldehyde	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Endrin ketone	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
gamma-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
gamma-Chlordane	4.6	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Heptachlor	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Methoxychlor	BRL	19		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Toxaphene	BRL	190		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Surr: Decachlorobiphenyl	82.2	25.1-119		%REC	170911	1	01/08/2013 14:07	KD
Surr: Tetrachloro-m-xylene	75.7	28.4-116		%REC	170911	1	01/08/2013 14:07	KD
PERCENT MOISTURE D2216								
Percent Moisture	13.7	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-15 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:35:00 AM
Lab ID:	1301254-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	180		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Dichlorodifluoromethane	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Chloromethane	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Vinyl chloride	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Bromomethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Chloroethane	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Trichlorofluoromethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,1-Dichloroethene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Acetone	BRL	120		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Freon-113	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Carbon disulfide	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Methyl acetate	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Methylene chloride	BRL	24		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Methyl tert-butyl ether	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
trans-1,2-Dichloroethene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,1-Dichloroethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
cis-1,2-Dichloroethene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
2-Butanone	BRL	60		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Chloroform	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,1,1-Trichloroethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Cyclohexane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Carbon tetrachloride	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Benzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,2-Dichloroethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Trichloroethene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Methylcyclohexane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,2-Dichloropropane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Bromodichloromethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
cis-1,3-Dichloropropene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
4-Methyl-2-pentanone	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Toluene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
trans-1,3-Dichloropropene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,1,2-Trichloroethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
2-Hexanone	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Tetrachloroethene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Dibromochloromethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,2-Dibromoethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Chlorobenzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Ethylbenzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Styrene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Bromoform	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-15 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:35:00 AM
Lab ID:	1301254-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Isopropylbenzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,3-Dichlorobenzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,4-Dichlorobenzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,2-Dichlorobenzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,2-Dibromo-3-chloropropane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,2,4-Trichlorobenzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Xylenes, Total	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Surr: 4-Bromofluorobenzene	82.7	63.8-133		%REC	170929	1	01/07/2013 23:20	MD
Surr: Dibromofluoromethane	110	74.3-130		%REC	170929	1	01/07/2013 23:20	MD
Surr: Toluene-d8	90.4	72.8-122		%REC	170929	1	01/07/2013 23:20	MD
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	73	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
4,4´-DDE	16	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
4,4´-DDT	39	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Aldrin	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
alpha-Chlordane	15	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
beta-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
delta-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Dieldrin	30	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Endosulfan II	5.7	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Endrin	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Endrin aldehyde	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Endrin ketone	4.6	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
gamma-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
gamma-Chlordane	16	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Heptachlor	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Methoxychlor	BRL	20		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Toxaphene	BRL	200		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Surr: Decachlorobiphenyl	55	25.1-119		%REC	170911	1	01/08/2013 14:18	KD
Surr: Tetrachloro-m-xylene	54.2	28.4-116		%REC	170911	1	01/08/2013 14:18	KD
PERCENT MOISTURE D2216								
Percent Moisture	17.4	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-15 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:41:00 AM
Lab ID:	1301254-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	160		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Dichlorodifluoromethane	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Chloromethane	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Vinyl chloride	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Bromomethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Chloroethane	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Trichlorofluoromethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,1-Dichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Acetone	BRL	110		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Freon-113	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Carbon disulfide	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Methyl acetate	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Methylene chloride	BRL	22		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Methyl tert-butyl ether	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
trans-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,1-Dichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
cis-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
2-Butanone	BRL	54		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Chloroform	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,1,1-Trichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Cyclohexane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Carbon tetrachloride	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Benzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,2-Dichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Trichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Methylcyclohexane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,2-Dichloropropane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Bromodichloromethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
cis-1,3-Dichloropropene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
4-Methyl-2-pentanone	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Toluene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
trans-1,3-Dichloropropene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,1,2-Trichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
2-Hexanone	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Tetrachloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Dibromochloromethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,2-Dibromoethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Chlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Ethylbenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Styrene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Bromoform	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-15 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:41:00 AM
Lab ID:	1301254-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Isopropylbenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,3-Dichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,4-Dichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,2-Dichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,2-Dibromo-3-chloropropane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,2,4-Trichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Xylenes, Total	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Surr: 4-Bromofluorobenzene	90.8	63.8-133		%REC	170929	1	01/07/2013 23:48	MD
Surr: Dibromofluoromethane	115	74.3-130		%REC	170929	1	01/07/2013 23:48	MD
Surr: Toluene-d8	93.2	72.8-122		%REC	170929	1	01/07/2013 23:48	MD
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
4,4´-DDE	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
4,4´-DDT	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Aldrin	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
beta-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
delta-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Dieldrin	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Endosulfan II	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Endrin	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Endrin aldehyde	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Endrin ketone	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
gamma-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Heptachlor	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Methoxychlor	BRL	20		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Toxaphene	BRL	200		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Surr: Decachlorobiphenyl	71.1	25.1-119		%REC	170911	1	01/08/2013 14:29	KD
Surr: Tetrachloro-m-xylene	67.5	28.4-116		%REC	170911	1	01/08/2013 14:29	KD
PERCENT MOISTURE D2216								
Percent Moisture	17.8	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-16 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:48:00 AM
Lab ID:	1301254-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	150		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Dichlorodifluoromethane	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Chloromethane	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Vinyl chloride	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Bromomethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Chloroethane	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Trichlorofluoromethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,1-Dichloroethene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Acetone	BRL	100		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Freon-113	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Carbon disulfide	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Methyl acetate	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Methylene chloride	BRL	20		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Methyl tert-butyl ether	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
trans-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,1-Dichloroethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
cis-1,2-Dichloroethene	48	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
2-Butanone	BRL	50		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Chloroform	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,1,1-Trichloroethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Cyclohexane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Carbon tetrachloride	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Benzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,2-Dichloroethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Trichloroethene	100	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Methylcyclohexane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,2-Dichloropropane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Bromodichloromethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
cis-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
4-Methyl-2-pentanone	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Toluene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
trans-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,1,2-Trichloroethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
2-Hexanone	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Tetrachloroethene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Dibromochloromethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,2-Dibromoethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Chlorobenzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Ethylbenzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Styrene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Bromoform	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-16 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:48:00 AM
Lab ID:	1301254-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Isopropylbenzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,3-Dichlorobenzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,4-Dichlorobenzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,2-Dichlorobenzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,2,4-Trichlorobenzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Xylenes, Total	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Surr: 4-Bromofluorobenzene	92.9	63.8-133		%REC	170929	1	01/08/2013 00:16	MD
Surr: Dibromofluoromethane	114	74.3-130		%REC	170929	1	01/08/2013 00:16	MD
Surr: Toluene-d8	97.5	72.8-122		%REC	170929	1	01/08/2013 00:16	MD
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
4,4´-DDE	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
4,4´-DDT	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Aldrin	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
alpha-BHC	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
alpha-Chlordane	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
beta-BHC	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
delta-BHC	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Dieldrin	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Endosulfan I	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Endosulfan II	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Endosulfan sulfate	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Endrin	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Endrin aldehyde	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Endrin ketone	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
gamma-BHC	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
gamma-Chlordane	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Heptachlor	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Heptachlor epoxide	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Methoxychlor	BRL	98		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Toxaphene	BRL	980		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Surr: Decachlorobiphenyl	86.5	25.1-119		%REC	170911	5	01/08/2013 17:02	KD
Surr: Tetrachloro-m-xylene	71.7	28.4-116		%REC	170911	5	01/08/2013 17:02	KD
PERCENT MOISTURE D2216								
Percent Moisture	15.1	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-16 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:55:00 AM
Lab ID:	1301254-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Dichlorodifluoromethane	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Chloromethane	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Vinyl chloride	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Bromomethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Chloroethane	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Trichlorofluoromethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,1-Dichloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Acetone	BRL	93		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Freon-113	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Carbon disulfide	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Methyl acetate	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Methylene chloride	BRL	19		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Methyl tert-butyl ether	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
trans-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,1-Dichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
cis-1,2-Dichloroethene	140	120		ug/Kg-dry	170999	50	01/08/2013 15:39	GK
2-Butanone	BRL	47		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Chloroform	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,1,1-Trichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Cyclohexane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Carbon tetrachloride	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Benzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,2-Dichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Trichloroethene	160	120		ug/Kg-dry	170999	50	01/08/2013 15:39	GK
Methylcyclohexane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,2-Dichloropropane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Bromodichloromethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
cis-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
4-Methyl-2-pentanone	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Toluene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
trans-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,1,2-Trichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
2-Hexanone	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Tetrachloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Dibromochloromethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,2-Dibromoethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Chlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Ethylbenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Styrene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Bromoform	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-16 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:55:00 AM
Lab ID:	1301254-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Isopropylbenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,3-Dichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,4-Dichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,2-Dichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,2-Dibromo-3-chloropropane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,2,4-Trichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Xylenes, Total	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Surr: 4-Bromofluorobenzene	85.4	63.8-133		%REC	170999	50	01/08/2013 15:39	GK
Surr: 4-Bromofluorobenzene	95.9	63.8-133		%REC	170929	1	01/08/2013 00:43	MD
Surr: Dibromofluoromethane	81.5	74.3-130		%REC	170999	50	01/08/2013 15:39	GK
Surr: Dibromofluoromethane	117	74.3-130		%REC	170929	1	01/08/2013 00:43	MD
Surr: Toluene-d8	90.8	72.8-122		%REC	170999	50	01/08/2013 15:39	GK
Surr: Toluene-d8	94.8	72.8-122		%REC	170929	1	01/08/2013 00:43	MD
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
4,4´-DDE	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
4,4´-DDT	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Aldrin	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
beta-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
delta-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Dieldrin	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Endosulfan II	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Endrin	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Endrin aldehyde	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Endrin ketone	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
gamma-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Heptachlor	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Methoxychlor	BRL	20		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Toxaphene	BRL	200		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Surr: Decachlorobiphenyl	66.2	25.1-119		%REC	170911	1	01/08/2013 14:40	KD
Surr: Tetrachloro-m-xylene	65.6	28.4-116		%REC	170911	1	01/08/2013 14:40	KD
PERCENT MOISTURE D2216								

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-16 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:55:00 AM
Lab ID:	1301254-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
PERCENT MOISTURE D2216								
Percent Moisture	17.2	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-17 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 10:03:00 AM
Lab ID:	1301254-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Dichlorodifluoromethane	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Chloromethane	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Vinyl chloride	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Bromomethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Chloroethane	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Trichlorofluoromethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,1-Dichloroethene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Acetone	BRL	96		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Freon-113	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Carbon disulfide	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Methyl acetate	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Methylene chloride	BRL	19		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Methyl tert-butyl ether	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
trans-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,1-Dichloroethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
cis-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
2-Butanone	BRL	48		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Chloroform	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,1,1-Trichloroethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Cyclohexane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Carbon tetrachloride	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Benzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,2-Dichloroethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Trichloroethene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Methylcyclohexane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,2-Dichloropropane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Bromodichloromethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
cis-1,3-Dichloropropene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
4-Methyl-2-pentanone	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Toluene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
trans-1,3-Dichloropropene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,1,2-Trichloroethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
2-Hexanone	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Tetrachloroethene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Dibromochloromethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,2-Dibromoethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Chlorobenzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Ethylbenzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Styrene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Bromoform	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-17 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 10:03:00 AM
Lab ID:	1301254-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Isopropylbenzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,3-Dichlorobenzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,4-Dichlorobenzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,2-Dichlorobenzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,2-Dibromo-3-chloropropane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,2,4-Trichlorobenzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Xylenes, Total	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Surr: 4-Bromofluorobenzene	97.2	63.8-133		%REC	170929	1	01/08/2013 01:10	MD
Surr: Dibromofluoromethane	113	74.3-130		%REC	170929	1	01/08/2013 01:10	MD
Surr: Toluene-d8	95.1	72.8-122		%REC	170929	1	01/08/2013 01:10	MD
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
4,4´-DDE	270	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
4,4´-DDT	360	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Aldrin	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
alpha-BHC	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
alpha-Chlordane	170	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
beta-BHC	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
delta-BHC	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Dieldrin	310	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Endosulfan I	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Endosulfan II	BRL	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Endosulfan sulfate	BRL	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Endrin	BRL	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Endrin aldehyde	BRL	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Endrin ketone	BRL	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
gamma-BHC	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
gamma-Chlordane	210	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Heptachlor	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Heptachlor epoxide	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Methoxychlor	BRL	93		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Toxaphene	3700	1900		ug/Kg-dry	170911	10	01/08/2013 17:24	KD
Surr: Decachlorobiphenyl	89.5	25.1-119		%REC	170911	5	01/08/2013 17:13	KD
Surr: Tetrachloro-m-xylene	74.1	28.4-116		%REC	170911	5	01/08/2013 17:13	KD
PERCENT MOISTURE D2216								
Percent Moisture	10.5	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-17 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 10:09:00 AM
Lab ID:	1301254-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	170		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Dichlorodifluoromethane	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Chloromethane	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Vinyl chloride	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Bromomethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Chloroethane	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Trichlorofluoromethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,1-Dichloroethene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Acetone	BRL	110		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Freon-113	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Carbon disulfide	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Methyl acetate	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Methylene chloride	BRL	23		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Methyl tert-butyl ether	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
trans-1,2-Dichloroethene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,1-Dichloroethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
cis-1,2-Dichloroethene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
2-Butanone	BRL	57		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Chloroform	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,1,1-Trichloroethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Cyclohexane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Carbon tetrachloride	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Benzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,2-Dichloroethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Trichloroethene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Methylcyclohexane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,2-Dichloropropane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Bromodichloromethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
cis-1,3-Dichloropropene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
4-Methyl-2-pentanone	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Toluene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
trans-1,3-Dichloropropene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,1,2-Trichloroethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
2-Hexanone	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Tetrachloroethene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Dibromochloromethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,2-Dibromoethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Chlorobenzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Ethylbenzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Styrene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Bromoform	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-17 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 10:09:00 AM
Lab ID:	1301254-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,1,2,2-Tetrachloroethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Isopropylbenzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,3-Dichlorobenzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,4-Dichlorobenzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,2-Dichlorobenzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,2-Dibromo-3-chloropropane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,2,4-Trichlorobenzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Xylenes, Total	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Surr: 4-Bromofluorobenzene	85.2	63.8-133		%REC	170929	1	01/08/2013 23:58	MD
Surr: Dibromofluoromethane	99.5	74.3-130		%REC	170929	1	01/08/2013 23:58	MD
Surr: Toluene-d8	88	72.8-122		%REC	170929	1	01/08/2013 23:58	MD
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
4,4´-DDE	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
4,4´-DDT	5.0	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Aldrin	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
beta-BHC	2.6	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
delta-BHC	7.6	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Dieldrin	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Endosulfan II	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Endrin	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Endrin aldehyde	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Endrin ketone	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
gamma-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Heptachlor	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Methoxychlor	BRL	20		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Toxaphene	BRL	200		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Surr: Decachlorobiphenyl	73.1	25.1-119		%REC	170911	1	01/08/2013 14:51	KD
Surr: Tetrachloro-m-xylene	69.1	28.4-116		%REC	170911	1	01/08/2013 14:51	KD
PERCENT MOISTURE D2216								
Percent Moisture	17.3	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Legion Industries	**Collection Date:**	1/3/2013
Lab ID:	1301254-025	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,1-Dichloroethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,1-Dichloroethene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,2-Dibromoethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,2-Dichloroethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,2-Dichloropropane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,4-Dioxane	BRL	150		ug/L	170927	1	01/07/2013 14:32	NP
2-Butanone	BRL	50		ug/L	170927	1	01/07/2013 14:32	NP
2-Hexanone	BRL	10		ug/L	170927	1	01/07/2013 14:32	NP
4-Methyl-2-pentanone	BRL	10		ug/L	170927	1	01/07/2013 14:32	NP
Acetone	BRL	50		ug/L	170927	1	01/07/2013 14:32	NP
Benzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Bromodichloromethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Bromoform	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Bromomethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Carbon disulfide	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Carbon tetrachloride	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Chlorobenzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Chloroethane	BRL	10		ug/L	170927	1	01/07/2013 14:32	NP
Chloroform	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Chloromethane	BRL	10		ug/L	170927	1	01/07/2013 14:32	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Cyclohexane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Dibromochloromethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Dichlorodifluoromethane	BRL	10		ug/L	170927	1	01/07/2013 14:32	NP
Ethylbenzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Freon-113	BRL	10		ug/L	170927	1	01/07/2013 14:32	NP
Isopropylbenzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Methyl acetate	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Methylcyclohexane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Methylene chloride	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Styrene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Legion Industries	**Collection Date:**	1/3/2013
Lab ID:	1301254-025	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5030B)								
Tetrachloroethene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Toluene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Trichloroethene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Trichlorofluoromethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Vinyl chloride	BRL	2.0		ug/L	170927	1	01/07/2013 14:32	NP
Xylenes, Total	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Surr: 4-Bromofluorobenzene	85.8	64.6-123		%REC	170927	1	01/07/2013 14:32	NP
Surr: Dibromofluoromethane	118	76.6-133		%REC	170927	1	01/07/2013 14:32	NP
Surr: Toluene-d8	97.5	77.8-120		%REC	170927	1	01/07/2013 14:32	NP

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client AMEC Work Order Number 1301254

Checklist completed by _____ 01/04/2013
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.5 Cooler #2 3.4 Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes __ No ✓

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170911

Sample ID: **MB-170911** Client ID: Units: **ug/Kg** Prep Date: **01/07/2013** Run No: **236153**
SampleType: **MBLK** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **170911** Analysis Date: **01/07/2013** Seq No: **4944720**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDD	BRL	3.3	0	0	0	0	0	0	0	0	
4,4´-DDE	BRL	3.3	0	0	0	0	0	0	0	0	
4,4´-DDT	BRL	3.3	0	0	0	0	0	0	0	0	
Aldrin	BRL	1.7	0	0	0	0	0	0	0	0	
alpha-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
alpha-Chlordane	BRL	1.7	0	0	0	0	0	0	0	0	
beta-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
delta-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
Dieldrin	BRL	3.3	0	0	0	0	0	0	0	0	
Endosulfan I	BRL	1.7	0	0	0	0	0	0	0	0	
Endosulfan II	BRL	3.3	0	0	0	0	0	0	0	0	
Endosulfan sulfate	BRL	3.3	0	0	0	0	0	0	0	0	
Endrin	BRL	3.3	0	0	0	0	0	0	0	0	
Endrin aldehyde	BRL	3.3	0	0	0	0	0	0	0	0	
Endrin ketone	BRL	3.3	0	0	0	0	0	0	0	0	
gamma-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
gamma-Chlordane	BRL	1.7	0	0	0	0	0	0	0	0	
Heptachlor	BRL	1.7	0	0	0	0	0	0	0	0	
Heptachlor epoxide	BRL	1.7	0	0	0	0	0	0	0	0	
Methoxychlor	BRL	17	0	0	0	0	0	0	0	0	
Toxaphene	BRL	170	0	0	0	0	0	0	0	0	
Surr: Decachlorobiphenyl	11.10	0	16.67	0	66.6	25.1	119	0	0	0	
Surr: Tetrachloro-m-xylene	11.45	0	16.67	0	68.7	28.4	116	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170911

Sample ID: **LCS-170911**	Client ID:		Units: **ug/Kg**	Prep Date: **01/07/2013**	Run No: **236153**
SampleType: **LCS**	TestCode: **CHLORINATED PESTICIDES, TCL** **SW8081B**		BatchID: **170911**	Analysis Date: **01/07/2013**	Seq No: **4944721**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDT	28.15	3.3	33.33	0	84.5	41.7	134	0	0	0	
Aldrin	19.69	1.7	33.33	0	59.1	40.6	115	0	0	0	
Dieldrin	25.23	3.3	33.33	0	75.7	44.2	122	0	0	0	
Endrin	27.52	3.3	33.33	0	82.6	42.9	126	0	0	0	
gamma-BHC	23.61	1.7	33.33	0	70.8	40.4	120	0	0	0	
Heptachlor	25.49	1.7	33.33	0	76.5	41.1	117	0	0	0	
Surr: Decachlorobiphenyl	12.55	0	16.67	0	75.3	25.1	119	0	0	0	
Surr: Tetrachloro-m-xylene	11.19	0	16.67	0	67.1	28.4	116	0	0	0	

Sample ID: **1301254-011CMS**	Client ID: **GP-11 2-2 1/2'**		Units: **ug/Kg-dry**	Prep Date: **01/07/2013**	Run No: **236181**
SampleType: **MS**	TestCode: **CHLORINATED PESTICIDES, TCL** **SW8081B**		BatchID: **170911**	Analysis Date: **01/08/2013**	Seq No: **4946440**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDT	30.37	3.7	36.58	5.000	69.4	28.4	130	0	0	0	
Aldrin	23.50	1.8	36.58	0	64.2	31.8	117	0	0	0	
Dieldrin	31.50	3.7	36.58	3.489	76.6	30.7	131	0	0	0	
Endrin	30.99	3.7	36.58	0	84.7	38.3	129	0	0	0	
gamma-BHC	27.18	1.8	36.58	0.5745	72.7	32.4	127	0	0	0	
Heptachlor	27.71	1.8	36.58	0	75.8	32	122	0	0	0	
Surr: Decachlorobiphenyl	15.14	0	18.29	0	82.8	25.1	119	0	0	0	
Surr: Tetrachloro-m-xylene	12.55	0	18.29	0	68.6	28.4	116	0	0	0	

Sample ID: **1301254-011CMSD**	Client ID: **GP-11 2-2 1/2'**		Units: **ug/Kg-dry**	Prep Date: **01/07/2013**	Run No: **236181**
SampleType: **MSD**	TestCode: **CHLORINATED PESTICIDES, TCL** **SW8081B**		BatchID: **170911**	Analysis Date: **01/08/2013**	Seq No: **4946441**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDT	30.08	3.7	36.58	5.000	68.6	28.4	130	30.37	0.967	28.6	
Aldrin	22.67	1.8	36.58	0	62	31.8	117	23.50	3.59	26	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170911

Sample ID: **1301254-011CMSD** Client ID: **GP-11 2-2 1/2'** Units: **ug/Kg-dry** Prep Date: **01/07/2013** Run No: **236181**
SampleType: **MSD** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **170911** Analysis Date: **01/08/2013** Seq No: **4946441**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Dieldrin	31.00	3.7	36.58	3.489	75.2	30.7	131	31.50	1.6	21.4	
Endrin	30.32	3.7	36.58	0	82.9	38.3	129	30.99	2.17	21.4	
gamma-BHC	26.18	1.8	36.58	0.5745	70	32.4	127	27.18	3.72	26.1	
Heptachlor	26.92	1.8	36.58	0	73.6	32	122	27.71	2.91	28.9	
Surr: Decachlorobiphenyl	14.42	0	18.29	0	78.8	25.1	119	15.14	0	0	
Surr: Tetrachloro-m-xylene	11.98	0	18.29	0	65.5	28.4	116	12.55	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170927

Sample ID: **MB-170927** Client ID: Units: **ug/L** Prep Date: **01/07/2013** Run No: **236097**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170927** Analysis Date: **01/07/2013** Seq No: **4943890**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170927

Sample ID: **MB-170927** Client ID: Units: **ug/L** Prep Date: **01/07/2013** Run No: **236097**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170927** Analysis Date: **01/07/2013** Seq No: **4943890**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	39.79	0	50	0	79.6	64.6	123	0	0	0	
Surr: Dibromofluoromethane	58.71	0	50	0	117	76.6	133	0	0	0	
Surr: Toluene-d8	49.93	0	50	0	99.9	77.8	120	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170927

Sample ID: **LCS-170927** Client ID: Units: **ug/L** Prep Date: **01/07/2013** Run No: **236097**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170927** Analysis Date: **01/07/2013** Seq No: **4943889**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	53.09	5.0	50	0	106	61.1	142	0	0	0	
Benzene	54.43	5.0	50	0	109	73.5	130	0	0	0	
Chlorobenzene	53.58	5.0	50	0	107	72.4	123	0	0	0	
Toluene	55.58	5.0	50	0	111	73.6	130	0	0	0	
Trichloroethene	53.51	5.0	50	0	107	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	54.00	0	50	0	108	64.6	123	0	0	0	
Surr: Dibromofluoromethane	58.44	0	50	0	117	76.6	133	0	0	0	
Surr: Toluene-d8	53.86	0	50	0	108	77.8	120	0	0	0	

Sample ID: **1301270-001AMS** Client ID: Units: **ug/L** Prep Date: **01/07/2013** Run No: **236097**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170927** Analysis Date: **01/07/2013** Seq No: **4943892**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	581900	50000	500000	0	116	60	168	0	0	0	
Benzene	578100	50000	500000	0	116	66.6	148	0	0	0	
Chlorobenzene	580000	50000	500000	0	116	71.9	135	0	0	0	
Toluene	1406000	50000	500000	792400	123	68	149	0	0	0	
Trichloroethene	566200	50000	500000	0	113	71.1	154	0	0	0	
Surr: 4-Bromofluorobenzene	521400	0	500000	0	104	64.6	123	0	0	0	
Surr: Dibromofluoromethane	602000	0	500000	0	120	76.6	133	0	0	0	
Surr: Toluene-d8	534400	0	500000	0	107	77.8	120	0	0	0	

Sample ID: **1301270-001AMSD** Client ID: Units: **ug/L** Prep Date: **01/07/2013** Run No: **236097**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170927** Analysis Date: **01/07/2013** Seq No: **4943893**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	546600	50000	500000	0	109	60	168	581900	6.26	18.6	
Benzene	569500	50000	500000	0	114	66.6	148	578100	1.5	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170927

Sample ID: **1301270-001AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/L** Prep Date: **01/07/2013** Run No: **236097**
BatchID: **170927** Analysis Date: **01/07/2013** Seq No: **4943893**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	564400	50000	500000	0	113	71.9	135	580000	2.73	20	
Toluene	1325000	50000	500000	792400	106	68	149	1406000	5.95	20	
Trichloroethene	572700	50000	500000	0	115	71.1	154	566200	1.14	20	
Surr: 4-Bromofluorobenzene	515900	0	500000	0	103	64.6	123	521400	0	0	
Surr: Dibromofluoromethane	601400	0	500000	0	120	76.6	133	602000	0	0	
Surr: Toluene-d8	522100	0	500000	0	104	77.8	120	534400	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170929

Sample ID: **MB-170929** Client ID: Units: **ug/Kg** Prep Date: **01/07/2013** Run No: **236088**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170929** Analysis Date: **01/07/2013** Seq No: **4943659**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	100	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170929

Sample ID: **MB-170929**	Client ID:		Units: **ug/Kg**	Prep Date: **01/07/2013**	Run No: **236088**
SampleType: **MBLK**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **170929**	Analysis Date: **01/07/2013**	Seq No: **4943659**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	20	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	44.58	0	50	0	89.2	63.8	133	0	0	0	
Surr: Dibromofluoromethane	54.35	0	50	0	109	74.3	130	0	0	0	
Surr: Toluene-d8	46.54	0	50	0	93.1	72.8	122	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170929

Sample ID: **LCS-170929**	Client ID:		Units: **ug/Kg**	Prep Date: **01/07/2013**	Run No: **236088**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **170929**	Analysis Date: **01/07/2013**	Seq No: **4944286**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	57.52	5.0	50	0	115	63.1	140	0	0	0	
Benzene	57.67	5.0	50	0	115	70.2	130	0	0	0	
Chlorobenzene	59.96	5.0	50	0	120	70	126	0	0	0	
Toluene	61.48	5.0	50	0	123	70.5	130	0	0	0	
Trichloroethene	66.67	5.0	50	0	133	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	54.31	0	50	0	109	63.8	133	0	0	0	
Surr: Dibromofluoromethane	53.39	0	50	0	107	74.3	130	0	0	0	
Surr: Toluene-d8	51.02	0	50	0	102	72.8	122	0	0	0	

Sample ID: **1301254-017AMS**	Client ID: **SS-14 0.5-1'**		Units: **ug/Kg-dry**	Prep Date: **01/07/2013**	Run No: **236144**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **170929**	Analysis Date: **01/07/2013**	Seq No: **4944742**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	54.21	5.8	57.88	0	93.7	58.8	157	0	0	0	
Benzene	58.56	5.8	57.88	0	101	66.3	139	0	0	0	
Chlorobenzene	58.66	5.8	57.88	0	101	67.8	131	0	0	0	
Toluene	59.00	5.8	57.88	0	102	66	138	0	0	0	
Trichloroethene	57.26	5.8	57.88	0	98.9	72.5	141	0	0	0	
Surr: 4-Bromofluorobenzene	69.03	0	57.88	0	119	63.8	133	0	0	0	
Surr: Dibromofluoromethane	60.98	0	57.88	0	105	74.3	130	0	0	0	
Surr: Toluene-d8	58.12	0	57.88	0	100	72.8	122	0	0	0	

Sample ID: **1301254-017AMSD**	Client ID: **SS-14 0.5-1'**		Units: **ug/Kg-dry**	Prep Date: **01/07/2013**	Run No: **236144**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **170929**	Analysis Date: **01/07/2013**	Seq No: **4944744**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	53.36	5.8	57.88	0	92.2	58.8	157	54.21	1.59	21.9	
Benzene	56.45	5.8	57.88	0	97.5	66.3	139	58.56	3.66	22.3	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170929

Sample ID: **1301254-017AMSD** Client ID: **SS-14 0.5-1'** Units: **ug/Kg-dry** Prep Date: **01/07/2013** Run No: **236144**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170929** Analysis Date: **01/07/2013** Seq No: **4944744**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	57.16	5.8	57.88	0	98.7	67.8	131	58.66	2.6	17.3	
Toluene	55.87	5.8	57.88	0	96.5	66	138	59.00	5.44	18.1	
Trichloroethene	54.42	5.8	57.88	0	94	72.5	141	57.26	5.08	18.7	
Surr: 4-Bromofluorobenzene	66.47	0	57.88	0	115	63.8	133	69.03	0	0	
Surr: Dibromofluoromethane	59.77	0	57.88	0	103	74.3	130	60.98	0	0	
Surr: Toluene-d8	57.04	0	57.88	0	98.5	72.8	122	58.12	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170999

Sample ID: **MB-170999** Client ID: Units: **ug/Kg** Prep Date: **01/08/2013** Run No: **236168**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170999** Analysis Date: **01/08/2013** Seq No: **4945366**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	250	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
2-Butanone	BRL	2500	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	500	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	500	0	0	0	0	0	0	0	0	
Acetone	BRL	5000	0	0	0	0	0	0	0	0	
Benzene	BRL	250	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	250	0	0	0	0	0	0	0	0	
Bromoform	BRL	250	0	0	0	0	0	0	0	0	
Bromomethane	BRL	250	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	500	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	250	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
Chloroethane	BRL	500	0	0	0	0	0	0	0	0	
Chloroform	BRL	250	0	0	0	0	0	0	0	0	
Chloromethane	BRL	500	0	0	0	0	0	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170999

Sample ID: **MB-170999** Client ID: Units: **ug/Kg** Prep Date: **01/08/2013** Run No: **236168**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170999** Analysis Date: **01/08/2013** Seq No: **4945366**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	250	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	250	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	500	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	250	0	0	0	0	0	0	0	0	
Freon-113	BRL	500	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	250	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	250	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	250	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	250	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	1000	0	0	0	0	0	0	0	0	
Styrene	BRL	250	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	250	0	0	0	0	0	0	0	0	
Toluene	BRL	250	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	250	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	250	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	500	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	250	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	2170	0	2500	0	86.8	63.8	133	0	0	0	
Surr: Dibromofluoromethane	2374	0	2500	0	95	74.3	130	0	0	0	
Surr: Toluene-d8	2282	0	2500	0	91.3	72.8	122	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170999

Sample ID: **LCS-170999** Client ID: Units: **ug/Kg** Prep Date: **01/08/2013** Run No: **236168**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170999** Analysis Date: **01/08/2013** Seq No: **4945364**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2388	250	2500	0	95.5	63.1	140	0	0	0	
Benzene	2612	250	2500	0	104	70.2	130	0	0	0	
Chlorobenzene	2774	250	2500	0	111	70	126	0	0	0	
Toluene	2578	250	2500	0	103	70.5	130	0	0	0	
Trichloroethene	2706	250	2500	0	108	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	2352	0	2500	0	94.1	63.8	133	0	0	0	
Surr: Dibromofluoromethane	2491	0	2500	0	99.6	74.3	130	0	0	0	
Surr: Toluene-d8	2390	0	2500	0	95.6	72.8	122	0	0	0	

Sample ID: **1301327-001AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **01/08/2013** Run No: **236168**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170999** Analysis Date: **01/08/2013** Seq No: **4945369**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	4101	480	4843	0	84.7	58.8	157	0	0	0	
Benzene	5182	480	4843	509.5	96.5	66.3	139	0	0	0	
Chlorobenzene	4924	480	4843	0	102	67.8	131	0	0	0	
Toluene	26990	480	4843	22470	93.3	66	138	0	0	0	E
Trichloroethene	4814	480	4843	0	99.4	72.5	141	0	0	0	
Surr: 4-Bromofluorobenzene	4514	0	4843	0	93.2	63.8	133	0	0	0	
Surr: Dibromofluoromethane	4473	0	4843	0	92.4	74.3	130	0	0	0	
Surr: Toluene-d8	4522	0	4843	0	93.4	72.8	122	0	0	0	

Sample ID: **1301327-001AMSD** Client ID: Units: **ug/Kg-dry** Prep Date: **01/08/2013** Run No: **236168**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170999** Analysis Date: **01/08/2013** Seq No: **4945371**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	3873	480	4843	0	80	58.8	157	4101	5.71	21.9	
Benzene	5103	480	4843	509.5	94.9	66.3	139	5182	1.53	22.3	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170999

Sample ID: **1301327-001AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **01/08/2013** Run No: **236168**
BatchID: **170999** Analysis Date: **01/08/2013** Seq No: **4945371**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	4892	480	4843	0	101	67.8	131	4924	0.651	17.3	
Toluene	26530	480	4843	22470	83.7	66	138	26990	1.74	18.1	E
Trichloroethene	4773	480	4843	0	98.6	72.5	141	4814	0.849	18.7	
Surr: 4-Bromofluorobenzene	4372	0	4843	0	90.3	63.8	133	4514	0	0	
Surr: Dibromofluoromethane	4347	0	4843	0	89.8	74.3	130	4473	0	0	
Surr: Toluene-d8	4530	0	4843	0	93.5	72.8	122	4522	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 16, 2013

Lindsey Maddox
AMEC E&I, Inc.
396 Plasters Ave
Atlanta GA 30324

TEL: (404) 873-4761
FAX: (404) 817-0183

RE: Legion Industries

Dear Lindsey Maddox: Order No: 1301702

Analytical Environmental Services, Inc. received 2 samples on 1/4/2013 3:05:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/12-06/30/13.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Tara Esbeck

Tara Esbeck
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1301702 (1301654-LE 1/14/13)

Date: 1/4/13 Page 1 of 2

COMPANY:	ADDRESS:
AMEC E+I, INC	396 PLASTERS AVE ATLANTA, GA 30324
PHONE: 404-817-0152	FAX:
SAMPLED BY: STEPHEN R. FOLEY	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs + SIOxane 8260B	Pesticides 8081A	PRESERVATION (See codes) S/M+I	PRESERVATION (See codes) I	REMARKS	No # of Containers
1	GP-13-2'	1/3/12	1220	X		SO						5
2	GP-13-6'		1230								HOLD	5
3	GP-14-3'		1247								HOLD	5
4	GP-14-6'		1254								HOLD	5
5	GP-9-3'		1311				X	X				5
6	GP-9-5'		1317								HOLD	5
7	GP-10-2-2½'		1334				X	X				5
8	GP-10 4-4½		1341								HOLD	5
9	GP-12 2-2½		1400				X	X				5
10	GP-17 2-2½		1421								HOLD	5
11	GP-11 2-2½		1455				X	X				5
12	GP-16 2-2½		1515								HOLD	5
13	GP-18 2-2½		1535								HOLD	5
14	GP-19 2-2½		1552								HOLD	5

ANALYSIS REQUESTED

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	1/4/13 1505	1: Cataya P	1/4/13 3:05pm
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: LEGION INDUSTRIES

PROJECT #: 6121-09-0444

SITE ADDRESS: 390 MILLS ROAD WAYNESBORO, GA

SEND REPORT TO: STEPHEN FOLEY

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: PO#:

RECEIPT

Total # of Containers: 70

Turnaround Time Request

- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ☒ Other 3-DAY

STATE PROGRAM (if any):

E-mail? Y / N: Fax? Y / N

DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

(CLIENT) FedEx UPS MAIL COURIER GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

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

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

White Copy - Original; Yellow Copy - Client

1301702

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: ~~1301254~~ LE 1/4/13

Date: 1/4/13 Page 2 of 2

COMPANY:	ADDRESS:
AMEC E&I, INC	396 PLASTICS AVE ATLANTA, GA 30324
PHONE: 404-817-0152	FAX:
SAMPLED BY: STEPHEN R. FOLEY	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes) S/M+I	PRESERVATION (See codes) I	No # of Containers
1	SS-13 0.5-1'	1/4/13	0835	X		SO	X	X	5
2	SS-13 2-2.5'		0840						5
3	SS-14 0.5-1'		0900						5
4	SS-14 2-2.5'		0906						5
5	SS-15 0.5-1'		0935						5
6	SS-15 2-2.5'		0941						5
7	SS-16 0.5-1'		0948						5
8	SS-16 2-2.5'		0955						5
9	SS-17 0.5-1'		1003						5
10	SS-17 2-2.5'		1009						5
11	TRIP BLANK					W			2
12									
13									
14									

ANALYSIS REQUESTED: VOCs + 1,4-Dioxane 8260B; PESTICIDES

REMARKS

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	1/4/13 1505	1: Cataya P	1/4/13 3:05pm
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: LEGION INDUSTRIES

PROJECT #: 6121-09-0444

SITE ADDRESS: 370 MILLS RD WAYNESBORO, GA

SEND REPORT TO: STEPHEN FOLEY

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #: PO#:

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

(CLIENT) FedEx UPS MAIL COURIER

GREYHOUND OTHER

RECEIPT

Total # of Containers: 52

Turnaround Time Request

- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ☒ Other 3-DAY

STATE PROGRAM (if any):

E-mail? Y / N: Fax? Y / N

DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

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

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

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 16-Jan-13

Client: AMEC E&I, Inc.
Project: Legion Industries
Lab ID: 1301702

Case Narrative

Per Steve Foley email, analyze "GP 15 2-2.5" for pesticides and "GP 17 2-2.5" for VOC at 3-day turn 1/10/13

Analytical Environmental Services, Inc **Date:** 16-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-15-2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 4:04:00 PM
Lab ID:	1301702-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4´-DDD	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
4,4´-DDE	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
4,4´-DDT	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Aldrin	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
alpha-BHC	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
alpha-Chlordane	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
beta-BHC	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
delta-BHC	4.0	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Dieldrin	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Endosulfan I	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Endosulfan II	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Endrin	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Endrin aldehyde	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Endrin ketone	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
gamma-BHC	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
gamma-Chlordane	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Heptachlor	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Heptachlor epoxide	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Methoxychlor	BRL	18		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Toxaphene	BRL	180		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Surr: Decachlorobiphenyl	92.4	25.1-119		%REC	169632	1	01/15/2013 10:41	KD
Surr: Tetrachloro-m-xylene	86.6	28.4-116		%REC	169632	1	01/15/2013 10:41	KD
PERCENT MOISTURE D2216								
Percent Moisture	9.20	0		wt%	R236590	1	01/15/2013 12:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 16-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-17 2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 2:21:00 PM
Lab ID:	1301702-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Dichlorodifluoromethane	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Chloromethane	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Vinyl chloride	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Bromomethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Chloroethane	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Trichlorofluoromethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Acetone	BRL	90		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Freon-113	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Carbon disulfide	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Methyl acetate	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Methylene chloride	BRL	18		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Methyl tert-butyl ether	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,1-Dichloroethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
2-Butanone	BRL	45		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Chloroform	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,1,1-Trichloroethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Cyclohexane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Carbon tetrachloride	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Benzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,2-Dichloroethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Trichloroethene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Methylcyclohexane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,2-Dichloropropane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Bromodichloromethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
cis-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
4-Methyl-2-pentanone	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Toluene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
trans-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,1,2-Trichloroethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
2-Hexanone	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Tetrachloroethene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Dibromochloromethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,2-Dibromoethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Chlorobenzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Ethylbenzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Styrene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Bromoform	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 16-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-17 2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 2:21:00 PM
Lab ID:	1301702-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B (SW5035)								
1,1,2,2-Tetrachloroethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Isopropylbenzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,3-Dichlorobenzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,4-Dichlorobenzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,2-Dichlorobenzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,2-Dibromo-3-chloropropane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,2,4-Trichlorobenzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Xylenes, Total	21	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Surr: 4-Bromofluorobenzene	92.3	63.8-133		%REC	171115	1	01/10/2013 18:18	MD
Surr: Dibromofluoromethane	103	74.3-130		%REC	171115	1	01/10/2013 18:18	MD
Surr: Toluene-d8	88.1	72.8-122		%REC	171115	1	01/10/2013 18:18	MD
PERCENT MOISTURE D2216								
Percent Moisture	16.4	0		wt%	R236590	1	01/15/2013 12:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client AMEC Work Order Number 1301702 ~~1301254~~ LE 1/14/13

Checklist completed by _____ 01/04/2013
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition?	Yes ✓	No __	Not Present __
Custody seals intact on shipping container/cooler?	Yes __	No __	Not Present ✓
Custody seals intact on sample bottles?	Yes __	No __	Not Present ✓
Container/Temp Blank temperature in compliance? (4°C±2)*	Yes ✓	No __	

Cooler #1 3.5 Cooler #2 3.4 Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present?	Yes ✓	No __
Chain of custody signed when relinquished and received?	Yes ✓	No __
Chain of custody agrees with sample labels?	Yes __	No ✓
Samples in proper container/bottle?	Yes ✓	No __
Sample containers intact?	Yes ✓	No __
Sufficient sample volume for indicated test?	Yes ✓	No __
All samples received within holding time?	Yes ✓	No __
Was TAT marked on the COC?	Yes ✓	No __
Proceed with Standard TAT as per project history?	Yes __	No __ Not Applicable ✓
Water - VOA vials have zero headspace?	No VOA vials submitted ✓	Yes __ No __
Water - pH acceptable upon receipt?	Yes __	No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301702

ANALYTICAL QC SUMMARY REPORT

BatchID: 169632

Sample ID: **MB-169632** Client ID: Units: **ug/Kg** Prep Date: **01/14/2013** Run No: **236536**
SampleType: **MBLK** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **169632** Analysis Date: **01/15/2013** Seq No: **4953043**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDD	BRL	3.3	0	0	0	0	0	0	0	0	
4,4´-DDE	BRL	3.3	0	0	0	0	0	0	0	0	
4,4´-DDT	BRL	3.3	0	0	0	0	0	0	0	0	
Aldrin	BRL	1.7	0	0	0	0	0	0	0	0	
alpha-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
alpha-Chlordane	BRL	1.7	0	0	0	0	0	0	0	0	
beta-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
delta-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
Dieldrin	BRL	3.3	0	0	0	0	0	0	0	0	
Endosulfan I	BRL	1.7	0	0	0	0	0	0	0	0	
Endosulfan II	BRL	3.3	0	0	0	0	0	0	0	0	
Endosulfan sulfate	BRL	3.3	0	0	0	0	0	0	0	0	
Endrin	BRL	3.3	0	0	0	0	0	0	0	0	
Endrin aldehyde	BRL	3.3	0	0	0	0	0	0	0	0	
Endrin ketone	BRL	3.3	0	0	0	0	0	0	0	0	
gamma-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
gamma-Chlordane	BRL	1.7	0	0	0	0	0	0	0	0	
Heptachlor	BRL	1.7	0	0	0	0	0	0	0	0	
Heptachlor epoxide	BRL	1.7	0	0	0	0	0	0	0	0	
Methoxychlor	BRL	17	0	0	0	0	0	0	0	0	
Toxaphene	BRL	170	0	0	0	0	0	0	0	0	
Surr: Decachlorobiphenyl	16.73	0	16.67	0	100	25.1	119	0	0	0	
Surr: Tetrachloro-m-xylene	14.42	0	16.67	0	86.5	28.4	116	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301702

ANALYTICAL QC SUMMARY REPORT

BatchID: 169632

Sample ID: **LCS-169632** Client ID: Units: **ug/Kg** Prep Date: **01/14/2013** Run No: **236536**
SampleType: **LCS** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **169632** Analysis Date: **01/15/2013** Seq No: **4953044**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDT	36.59	3.3	33.33	0	110	41.7	134	0	0	0	
Aldrin	30.40	1.7	33.33	0	91.2	40.6	115	0	0	0	
Dieldrin	34.42	3.3	33.33	0	103	44.2	122	0	0	0	
Endrin	38.04	3.3	33.33	0	114	42.9	126	0	0	0	
gamma-BHC	34.35	1.7	33.33	0	103	40.4	120	0	0	0	
Heptachlor	34.88	1.7	33.33	0	105	41.1	117	0	0	0	
Surr: Decachlorobiphenyl	17.73	0	16.67	0	106	25.1	119	0	0	0	
Surr: Tetrachloro-m-xylene	14.60	0	16.67	0	87.6	28.4	116	0	0	0	

Sample ID: **1301702-001BMS** Client ID: **GP-15-2-2 1/2'** Units: **ug/Kg-dry** Prep Date: **01/14/2013** Run No: **236536**
SampleType: **MS** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **169632** Analysis Date: **01/15/2013** Seq No: **4953050**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDT	35.30	3.7	36.6	0	96.5	28.4	130	0	0	0	
Aldrin	29.59	1.8	36.6	0	80.9	31.8	117	0	0	0	
Dieldrin	33.54	3.7	36.6	1.298	88.1	30.7	131	0	0	0	
Endrin	36.95	3.7	36.6	0	101	38.3	129	0	0	0	
gamma-BHC	34.53	1.8	36.6	0	94.3	32.4	127	0	0	0	
Heptachlor	35.48	1.8	36.6	0	97	32	122	0	0	0	
Surr: Decachlorobiphenyl	16.00	0	18.3	0	87.4	25.1	119	0	0	0	
Surr: Tetrachloro-m-xylene	16.06	0	18.3	0	87.7	28.4	116	0	0	0	

Sample ID: **1301702-001BMSD** Client ID: **GP-15-2-2 1/2'** Units: **ug/Kg-dry** Prep Date: **01/14/2013** Run No: **236536**
SampleType: **MSD** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **169632** Analysis Date: **01/15/2013** Seq No: **4953051**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDT	36.70	3.7	36.64	0	100	28.4	130	35.30	3.9	28.6	
Aldrin	30.22	1.8	36.64	0	82.5	31.8	117	29.59	2.11	26	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301702

ANALYTICAL QC SUMMARY REPORT

BatchID: 169632

Sample ID: **1301702-001BMSD** Client ID: **GP-15-2-2 1/2'** Units: **ug/Kg-dry** Prep Date: **01/14/2013** Run No: **236536**
SampleType: **MSD** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **169632** Analysis Date: **01/15/2013** Seq No: **4953051**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Dieldrin	34.56	3.7	36.64	1.298	90.8	30.7	131	33.54	2.98	21.4	
Endrin	38.23	3.7	36.64	0	104	38.3	129	36.95	3.41	21.4	
gamma-BHC	35.89	1.8	36.64	0	98	32.4	127	34.53	3.86	26.1	
Heptachlor	36.06	1.8	36.64	0	98.4	32	122	35.48	1.62	28.9	
Surr: Decachlorobiphenyl	16.02	0	18.32	0	87.5	25.1	119	16.00	0	0	
Surr: Tetrachloro-m-xylene	16.28	0	18.32	0	88.9	28.4	116	16.06	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301702

ANALYTICAL QC SUMMARY REPORT

BatchID: 171115

Sample ID: **MB-171115** Client ID: Units: **ug/Kg** Prep Date: **01/10/2013** Run No: **236348**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **171115** Analysis Date: **01/10/2013** Seq No: **4949828**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	100	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301702

ANALYTICAL QC SUMMARY REPORT

BatchID: 171115

Sample ID: **MB-171115** Client ID: Units: **ug/Kg** Prep Date: **01/10/2013** Run No: **236348**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **171115** Analysis Date: **01/10/2013** Seq No: **4949828**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	20	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	41.77	0	50	0	83.5	63.8	133	0	0	0	
Surr: Dibromofluoromethane	53.31	0	50	0	107	74.3	130	0	0	0	
Surr: Toluene-d8	44.77	0	50	0	89.5	72.8	122	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301702

ANALYTICAL QC SUMMARY REPORT

BatchID: 171115

Sample ID: **LCS-171115** Client ID: Units: **ug/Kg** Prep Date: **01/10/2013** Run No: **236348**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **171115** Analysis Date: **01/10/2013** Seq No: **4949838**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	55.31	5.0	50	0	111	63.1	140	0	0	0	
Benzene	51.33	5.0	50	0	103	70.2	130	0	0	0	
Chlorobenzene	55.78	5.0	50	0	112	70	126	0	0	0	
Toluene	51.72	5.0	50	0	103	70.5	130	0	0	0	
Trichloroethene	48.77	5.0	50	0	97.5	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	55.56	0	50	0	111	63.8	133	0	0	0	
Surr: Dibromofluoromethane	51.65	0	50	0	103	74.3	130	0	0	0	
Surr: Toluene-d8	47.15	0	50	0	94.3	72.8	122	0	0	0	

Sample ID: **1301702-002AMS** Client ID: **GP-17 2-2 1/2'** Units: **ug/Kg-dry** Prep Date: **01/10/2013** Run No: **236348**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **171115** Analysis Date: **01/10/2013** Seq No: **4949847**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	54.01	6.0	59.77	0	90.4	58.8	157	0	0	0	
Benzene	54.55	6.0	59.77	0	91.3	66.3	139	0	0	0	
Chlorobenzene	62.81	6.0	59.77	0	105	67.8	131	0	0	0	
Toluene	55.97	6.0	59.77	0	93.6	66	138	0	0	0	
Trichloroethene	55.27	6.0	59.77	0	92.5	72.5	141	0	0	0	
Surr: 4-Bromofluorobenzene	63.19	0	59.77	0	106	63.8	133	0	0	0	
Surr: Dibromofluoromethane	58.90	0	59.77	0	98.5	74.3	130	0	0	0	
Surr: Toluene-d8	54.53	0	59.77	0	91.2	72.8	122	0	0	0	

Sample ID: **1301702-002AMSD** Client ID: **GP-17 2-2 1/2'** Units: **ug/Kg-dry** Prep Date: **01/10/2013** Run No: **236348**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **171115** Analysis Date: **01/10/2013** Seq No: **4949850**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	54.92	6.0	59.77	0	91.9	58.8	157	54.01	1.67	21.9	
Benzene	56.02	6.0	59.77	0	93.7	66.3	139	54.55	2.66	22.3	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301702

ANALYTICAL QC SUMMARY REPORT

BatchID: 171115

Sample ID: **1301702-002AMSD** Client ID: **GP-17 2-2 1/2'** Units: **ug/Kg-dry** Prep Date: **01/10/2013** Run No: **236348**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **171115** Analysis Date: **01/10/2013** Seq No: **4949850**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	61.89	6.0	59.77	0	104	67.8	131	62.81	1.48	17.3	
Toluene	56.83	6.0	59.77	0	95.1	66	138	55.97	1.53	18.1	
Trichloroethene	55.83	6.0	59.77	0	93.4	72.5	141	55.27	1.01	18.7	
Surr: 4-Bromofluorobenzene	62.85	0	59.77	0	105	63.8	133	63.19	0	0	
Surr: Dibromofluoromethane	57.41	0	59.77	0	96	74.3	130	58.90	0	0	
Surr: Toluene-d8	54.57	0	59.77	0	91.3	72.8	122	54.53	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

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January 09, 2014

Steve Foley
AMEC Environment & Infrastruct
396 Plasters Avenue
Atlanta, GA 30324

RE: Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Dear Steve Foley:
Enclosed are the analytical results for sample(s) received by the laboratory on January 03, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

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

Sincerely,

Kevin Godwin

kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Chuck Ferry, AMEC Environment & Infrastruct

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CERTIFICATIONS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92185244001	**MW-12**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	71	PASI-C
92185244002	**MW-2**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	71	PASI-C
92185244003	**MW-3**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	71	PASI-C
92185244004	**MW-9**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	71	PASI-C
92185244005	**MW-13**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	71	PASI-C
92185244006	**PZ-2**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	71	PASI-C
92185244007	**MW-1**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	71	PASI-C
92185244008	**MW-6**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	71	PASI-C
92185244009	**MW-5**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	71	PASI-C
92185244010	**MW-7**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	71	PASI-C
92185244011	**DUP-1**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	71	PASI-C
92185244012	**TRIP BLANK**	EPA 8260	MCK	71	PASI-C

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SUMMARY OF DETECTION

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92185244001	**MW-12**					
EPA 8081	alpha-BHC	0.11	ug/L	0.050	01/08/14 11:19	
EPA 8081	delta-BHC	0.076	ug/L	0.050	01/08/14 11:19	
EPA 8081	gamma-BHC (Lindane)	0.29	ug/L	0.050	01/08/14 11:19	
EPA 8260	Trichloroethene	8.3	ug/L	5.0	01/08/14 00:34	
92185244002	**MW-2**					
EPA 8081	alpha-BHC	6.4	ug/L	1.0	01/09/14 11:31	
EPA 8081	beta-BHC	1.5	ug/L	1.0	01/09/14 11:31	
EPA 8081	delta-BHC	8.0	ug/L	1.0	01/09/14 11:31	
EPA 8081	gamma-BHC (Lindane)	2.3	ug/L	1.0	01/09/14 11:31	
EPA 8081	Endosulfan I	9.0	ug/L	1.0	01/09/14 11:31	
EPA 8260	Chlorobenzene	8.6	ug/L	5.0	01/08/14 00:50	
EPA 8260	1,2-Dichloroethene (Total)	101	ug/L	5.0	01/08/14 00:50	
EPA 8260	cis-1,2-Dichloroethene	101	ug/L	5.0	01/08/14 00:50	
EPA 8260	Vinyl chloride	107	ug/L	5.0	01/08/14 00:50	
92185244004	**MW-9**					
EPA 8081	4,4'-DDD	0.42	ug/L	0.050	01/08/14 12:11	
EPA 8081	Dieldrin	0.23	ug/L	0.050	01/08/14 12:11	
92185244005	**MW-13**					
EPA 8081	beta-BHC	4.3	ug/L	1.0	01/09/14 11:48	
EPA 8081	delta-BHC	2.5	ug/L	1.0	01/09/14 11:48	
EPA 8081	gamma-BHC (Lindane)	1.8	ug/L	1.0	01/09/14 11:48	
EPA 8081	4,4'-DDD	4.2	ug/L	1.0	01/09/14 11:48	
EPA 8081	4,4'-DDT	8.4	ug/L	1.0	01/09/14 11:48	
EPA 8081	Endrin	8.0	ug/L	1.0	01/09/14 11:48	
EPA 8081	Endrin ketone	4.9	ug/L	1.0	01/09/14 11:48	
EPA 8260	Benzene	14.6	ug/L	5.0	01/08/14 01:39	
EPA 8260	sec-Butylbenzene	7.1	ug/L	5.0	01/08/14 01:39	
EPA 8260	Chlorobenzene	44.7	ug/L	5.0	01/08/14 01:39	
EPA 8260	1,2-Dichlorobenzene	7.8	ug/L	5.0	01/08/14 01:39	
EPA 8260	1,4-Dichlorobenzene	42.4	ug/L	5.0	01/08/14 01:39	
EPA 8260	1,1-Dichloroethane	7.6	ug/L	5.0	01/08/14 01:39	
EPA 8260	1,2-Dichloroethene (Total)	1290	ug/L	500	01/08/14 10:33	
EPA 8260	1,1-Dichloroethene	5.3	ug/L	5.0	01/08/14 01:39	
EPA 8260	cis-1,2-Dichloroethene	1260	ug/L	500	01/08/14 10:33	
EPA 8260	trans-1,2-Dichloroethene	32.4	ug/L	5.0	01/08/14 01:39	
EPA 8260	Isopropylbenzene (Cumene)	5.2	ug/L	5.0	01/08/14 01:39	
EPA 8260	Tetrachloroethene	11.4	ug/L	5.0	01/08/14 01:39	
EPA 8260	1,2,4-Trichlorobenzene	22.0	ug/L	5.0	01/08/14 01:39	
EPA 8260	Trichloroethene	4320	ug/L	500	01/08/14 10:33	
EPA 8260	Vinyl chloride	933	ug/L	500	01/08/14 10:33	
92185244006	**PZ-2**					
EPA 8081	alpha-BHC	0.20	ug/L	0.050	01/08/14 12:54	
EPA 8081	beta-BHC	0.50	ug/L	0.050	01/08/14 12:54	
EPA 8081	delta-BHC	0.61	ug/L	0.050	01/08/14 12:54	
EPA 8081	gamma-BHC (Lindane)	0.24	ug/L	0.050	01/08/14 12:54	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92185244006	**PZ-2**					
EPA 8081	4,4'-DDD	0.18	ug/L	0.050	01/08/14 12:54	
EPA 8081	4,4'-DDE	0.13	ug/L	0.050	01/08/14 12:54	
EPA 8081	Endrin ketone	0.10	ug/L	0.050	01/08/14 12:54	
EPA 8260	1,2-Dichloroethene (Total)	3740	ug/L	1000	01/08/14 10:49	
EPA 8260	1,1-Dichloroethene	9.7	ug/L	5.0	01/08/14 01:55	
EPA 8260	cis-1,2-Dichloroethene	3660	ug/L	1000	01/08/14 10:49	
EPA 8260	trans-1,2-Dichloroethene	80.3	ug/L	5.0	01/08/14 01:55	
EPA 8260	Tetrachloroethene	27.8	ug/L	5.0	01/08/14 01:55	
EPA 8260	1,1,2-Trichloroethane	9.9	ug/L	5.0	01/08/14 01:55	
EPA 8260	Trichloroethene	18700	ug/L	1000	01/08/14 10:49	
92185244007	**MW-1**					
EPA 8081	beta-BHC	0.057	ug/L	0.050	01/08/14 13:15	
EPA 8081	Dieldrin	0.076	ug/L	0.050	01/08/14 13:15	
EPA 8081	Endrin ketone	0.10	ug/L	0.050	01/08/14 13:15	
EPA 8260	1,2-Dichloroethene (Total)	145	ug/L	5.0	01/08/14 02:11	
EPA 8260	cis-1,2-Dichloroethene	145	ug/L	5.0	01/08/14 02:11	
EPA 8260	Trichloroethene	193	ug/L	5.0	01/08/14 02:11	
92185244008	**MW-6**					
EPA 8081	Toxaphene	0.26	ug/L	0.20	01/08/14 14:08	
92185244010	**MW-7**					
EPA 8260	1,2-Dichloroethene (Total)	5.5	ug/L	5.0	01/08/14 02:59	
EPA 8260	cis-1,2-Dichloroethene	5.5	ug/L	5.0	01/08/14 02:59	
EPA 8260	Trichloroethene	7.1	ug/L	5.0	01/08/14 02:59	
92185244011	**DUP-1**					
EPA 8260	1,2-Dichloroethene (Total)	7.6	ug/L	5.0	01/08/14 03:16	
EPA 8260	cis-1,2-Dichloroethene	7.6	ug/L	5.0	01/08/14 03:16	
EPA 8260	Trichloroethene	8.7	ug/L	5.0	01/08/14 03:16	

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PROJECT NARRATIVE

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Method: **EPA 8081**
Description: 8081 Organochlorine Pesticides
Client: AMEC Environment & Infrastructure
Date: January 09, 2014

General Information:
11 samples were analyzed for EPA 8081. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/25418

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- MW-13 (Lab ID: 92185244005)
  - Tetrachloro-m-xylene (S)
- MW-2 (Lab ID: 92185244002)
  - Tetrachloro-m-xylene (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: OEXT/25418

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- MW-13 (Lab ID: 92185244005)
  - Tetrachloro-m-xylene (S)
- MW-2 (Lab ID: 92185244002)
  - Tetrachloro-m-xylene (S)

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PROJECT NARRATIVE

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Method: **EPA 8260**
Description: 8260 MSV
Client: AMEC Environment & Infrastructure
Date: January 09, 2014

General Information:
12 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: MSV/25446

S2: Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

- PZ-2 (Lab ID: 92185244006)
  - Toluene-d8 (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/25446

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 1116941)
  - Chloroethane
  - Trichlorofluoromethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/25446

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92185244003

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 1117402)
  - 1,1-Dichloroethene
- MSD (Lab ID: 1117403)

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PROJECT NARRATIVE

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Method: **EPA 8260**
Description: 8260 MSV
Client: AMEC Environment & Infrastructure
Date: January 09, 2014

QC Batch: MSV/25446

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92185244003

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- 1,1-Dichloroethene

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-12 **Lab ID: 92185244001** Collected: 12/31/13 09:45 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	309-00-2	
alpha-BHC	**0.11**	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	319-84-6	
beta-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	319-85-7	
delta-BHC	**0.076**	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	319-86-8	
gamma-BHC (Lindane)	**0.29**	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 11:19	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	50-29-3	
Dieldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	1031-07-8	
Endrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:19	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 11:19	72-43-5	
Mirex	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 11:19	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 11:19	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	67	%	20-130	1	01/06/14 12:50	01/08/14 11:19	877-09-8	
Decachlorobiphenyl (S)	85	%	20-130	1	01/06/14 12:50	01/08/14 11:19	2051-24-3	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		01/08/14 00:34	67-64-1	
Benzene	ND	ug/L	5.0	1		01/08/14 00:34	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/08/14 00:34	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/08/14 00:34	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/08/14 00:34	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/08/14 00:34	75-25-2	
Bromomethane	ND	ug/L	10.0	1		01/08/14 00:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		01/08/14 00:34	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		01/08/14 00:34	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		01/08/14 00:34	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		01/08/14 00:34	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/08/14 00:34	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		01/08/14 00:34	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/08/14 00:34	108-90-7	
Chloroethane	ND	ug/L	10.0	1		01/08/14 00:34	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/08/14 00:34	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/08/14 00:34	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 00:34	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 00:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		01/08/14 00:34	96-12-8	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-12 **Lab ID: 92185244001** Collected: 12/31/13 09:45 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/L	5.0	1		01/08/14 00:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/08/14 00:34	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/08/14 00:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/08/14 00:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/08/14 00:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/08/14 00:34	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		01/08/14 00:34	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/08/14 00:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 00:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 00:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 00:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/08/14 00:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 00:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/08/14 00:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 00:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 00:34	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		01/08/14 00:34	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		01/08/14 00:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/08/14 00:34	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		01/08/14 00:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/08/14 00:34	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/08/14 00:34	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/08/14 00:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		01/08/14 00:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		01/08/14 00:34	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		01/08/14 00:34	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		01/08/14 00:34	103-65-1	
Styrene	ND	ug/L	5.0	1		01/08/14 00:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 00:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 00:34	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/08/14 00:34	127-18-4	
Toluene	ND	ug/L	5.0	1		01/08/14 00:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/08/14 00:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/08/14 00:34	79-00-5	
Trichloroethene	**8.3**	ug/L	5.0	1		01/08/14 00:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		01/08/14 00:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/08/14 00:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 00:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 00:34	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		01/08/14 00:34	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		01/08/14 00:34	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		01/08/14 00:34	179601-23-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-12 **Lab ID: 92185244001** Collected: 12/31/13 09:45 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	5.0	1		01/08/14 00:34	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		01/08/14 00:34	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		01/08/14 00:34	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		01/08/14 00:34	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-2 **Lab ID: 92185244002** Collected: 12/30/13 10:50 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	309-00-2	
alpha-BHC	**6.4**	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	319-84-6	
beta-BHC	**1.5**	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	319-85-7	
delta-BHC	**8.0**	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	319-86-8	
gamma-BHC (Lindane)	**2.3**	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	58-89-9	
Chlordane (Technical)	ND	ug/L	4.0	20	01/06/14 12:50	01/09/14 11:31	57-74-9	
4,4'-DDD	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	72-54-8	
4,4'-DDE	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	72-55-9	
4,4'-DDT	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	50-29-3	
Dieldrin	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	60-57-1	
Endosulfan I	**9.0**	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	959-98-8	
Endosulfan II	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	33213-65-9	
Endosulfan sulfate	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	1031-07-8	
Endrin	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	72-20-8	
Endrin aldehyde	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	7421-93-4	
Endrin ketone	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	53494-70-5	
Heptachlor	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	76-44-8	
Heptachlor epoxide	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	1024-57-3	
Hexachlorobenzene	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:31	118-74-1	
Methoxychlor	ND	ug/L	3.0	20	01/06/14 12:50	01/09/14 11:31	72-43-5	
Mirex	ND	ug/L	3.0	20	01/06/14 12:50	01/09/14 11:31	2385-85-5	
Toxaphene	ND	ug/L	4.0	20	01/06/14 12:50	01/09/14 11:31	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	20	01/06/14 12:50	01/09/14 11:31	877-09-8	D3,S4
Decachlorobiphenyl (S)	0	%	20-130	20	01/06/14 12:50	01/09/14 11:31	2051-24-3	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		01/08/14 00:50	67-64-1	
Benzene	ND	ug/L	5.0	1		01/08/14 00:50	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/08/14 00:50	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/08/14 00:50	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/08/14 00:50	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/08/14 00:50	75-25-2	
Bromomethane	ND	ug/L	10.0	1		01/08/14 00:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		01/08/14 00:50	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		01/08/14 00:50	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		01/08/14 00:50	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		01/08/14 00:50	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/08/14 00:50	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		01/08/14 00:50	56-23-5	
Chlorobenzene	**8.6**	ug/L	5.0	1		01/08/14 00:50	108-90-7	
Chloroethane	ND	ug/L	10.0	1		01/08/14 00:50	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/08/14 00:50	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/08/14 00:50	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 00:50	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 00:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		01/08/14 00:50	96-12-8	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-2 **Lab ID: 92185244002** Collected: 12/30/13 10:50 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/L	5.0	1		01/08/14 00:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/08/14 00:50	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/08/14 00:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/08/14 00:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/08/14 00:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/08/14 00:50	107-06-2	
1,2-Dichloroethene (Total)	**101**	ug/L	5.0	1		01/08/14 00:50	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/08/14 00:50	75-35-4	
cis-1,2-Dichloroethene	**101**	ug/L	5.0	1		01/08/14 00:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 00:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 00:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/08/14 00:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 00:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/08/14 00:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 00:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 00:50	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		01/08/14 00:50	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		01/08/14 00:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/08/14 00:50	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		01/08/14 00:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/08/14 00:50	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/08/14 00:50	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/08/14 00:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		01/08/14 00:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		01/08/14 00:50	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		01/08/14 00:50	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		01/08/14 00:50	103-65-1	
Styrene	ND	ug/L	5.0	1		01/08/14 00:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 00:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 00:50	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/08/14 00:50	127-18-4	
Toluene	ND	ug/L	5.0	1		01/08/14 00:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/08/14 00:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/08/14 00:50	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/08/14 00:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		01/08/14 00:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/08/14 00:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 00:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 00:50	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		01/08/14 00:50	108-05-4	
Vinyl chloride	**107**	ug/L	5.0	1		01/08/14 00:50	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		01/08/14 00:50	179601-23-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-2 **Lab ID: 92185244002** Collected: 12/30/13 10:50 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	5.0	1		01/08/14 00:50	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		01/08/14 00:50	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		01/08/14 00:50	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		01/08/14 00:50	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-3 **Lab ID: 92185244003** Collected: 12/30/13 13:30 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	319-84-6	
beta-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	319-85-7	
delta-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 11:54	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	50-29-3	
Dieldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	1031-07-8	
Endrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 11:54	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 11:54	72-43-5	
Mirex	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 11:54	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 11:54	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	54	%	20-130	1	01/06/14 12:50	01/08/14 11:54	877-09-8	
Decachlorobiphenyl (S)	78	%	20-130	1	01/06/14 12:50	01/08/14 11:54	2051-24-3	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		01/08/14 01:06	67-64-1	
Benzene	ND	ug/L	5.0	1		01/08/14 01:06	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/08/14 01:06	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/08/14 01:06	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/08/14 01:06	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/08/14 01:06	75-25-2	
Bromomethane	ND	ug/L	10.0	1		01/08/14 01:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		01/08/14 01:06	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		01/08/14 01:06	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		01/08/14 01:06	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		01/08/14 01:06	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/08/14 01:06	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		01/08/14 01:06	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/08/14 01:06	108-90-7	
Chloroethane	ND	ug/L	10.0	1		01/08/14 01:06	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/08/14 01:06	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/08/14 01:06	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 01:06	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 01:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		01/08/14 01:06	96-12-8	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-3 **Lab ID: 92185244003** Collected: 12/30/13 13:30 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/L	5.0	1		01/08/14 01:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/08/14 01:06	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/08/14 01:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/08/14 01:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/08/14 01:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/08/14 01:06	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		01/08/14 01:06	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/08/14 01:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 01:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 01:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 01:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/08/14 01:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 01:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/08/14 01:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 01:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 01:06	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		01/08/14 01:06	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		01/08/14 01:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/08/14 01:06	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		01/08/14 01:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/08/14 01:06	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/08/14 01:06	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/08/14 01:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		01/08/14 01:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		01/08/14 01:06	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		01/08/14 01:06	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		01/08/14 01:06	103-65-1	
Styrene	ND	ug/L	5.0	1		01/08/14 01:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 01:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 01:06	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/08/14 01:06	127-18-4	
Toluene	ND	ug/L	5.0	1		01/08/14 01:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/08/14 01:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/08/14 01:06	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/08/14 01:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		01/08/14 01:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/08/14 01:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 01:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 01:06	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		01/08/14 01:06	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		01/08/14 01:06	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		01/08/14 01:06	179601-23-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-3 **Lab ID: 92185244003** Collected: 12/30/13 13:30 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	5.0	1		01/08/14 01:06	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		01/08/14 01:06	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		01/08/14 01:06	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		01/08/14 01:06	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-9 **Lab ID: 92185244004** Collected: 12/30/13 14:45 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	319-84-6	
beta-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	319-85-7	
delta-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 12:11	57-74-9	
4,4'-DDD	**0.42**	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	50-29-3	
Dieldrin	**0.23**	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	1031-07-8	
Endrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:11	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 12:11	72-43-5	
Mirex	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 12:11	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 12:11	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	65	%	20-130	1	01/06/14 12:50	01/08/14 12:11	877-09-8	
Decachlorobiphenyl (S)	79	%	20-130	1	01/06/14 12:50	01/08/14 12:11	2051-24-3	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		01/08/14 01:22	67-64-1	
Benzene	ND	ug/L	5.0	1		01/08/14 01:22	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/08/14 01:22	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/08/14 01:22	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/08/14 01:22	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/08/14 01:22	75-25-2	
Bromomethane	ND	ug/L	10.0	1		01/08/14 01:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		01/08/14 01:22	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		01/08/14 01:22	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		01/08/14 01:22	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		01/08/14 01:22	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/08/14 01:22	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		01/08/14 01:22	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/08/14 01:22	108-90-7	
Chloroethane	ND	ug/L	10.0	1		01/08/14 01:22	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/08/14 01:22	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/08/14 01:22	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 01:22	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 01:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		01/08/14 01:22	96-12-8	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-9 **Lab ID: 92185244004** Collected: 12/30/13 14:45 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/L	5.0	1		01/08/14 01:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/08/14 01:22	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/08/14 01:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/08/14 01:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/08/14 01:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/08/14 01:22	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		01/08/14 01:22	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/08/14 01:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 01:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 01:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 01:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/08/14 01:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 01:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/08/14 01:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 01:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 01:22	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		01/08/14 01:22	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		01/08/14 01:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/08/14 01:22	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		01/08/14 01:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/08/14 01:22	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/08/14 01:22	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/08/14 01:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		01/08/14 01:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		01/08/14 01:22	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		01/08/14 01:22	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		01/08/14 01:22	103-65-1	
Styrene	ND	ug/L	5.0	1		01/08/14 01:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 01:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 01:22	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/08/14 01:22	127-18-4	
Toluene	ND	ug/L	5.0	1		01/08/14 01:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/08/14 01:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/08/14 01:22	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/08/14 01:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		01/08/14 01:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/08/14 01:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 01:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 01:22	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		01/08/14 01:22	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		01/08/14 01:22	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		01/08/14 01:22	179601-23-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-9 **Lab ID: 92185244004** Collected: 12/30/13 14:45 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	5.0	1		01/08/14 01:22	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		01/08/14 01:22	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		01/08/14 01:22	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		01/08/14 01:22	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-13 **Lab ID: 92185244005** Collected: 12/30/13 17:00 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	309-00-2	
alpha-BHC	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	319-84-6	
beta-BHC	**4.3**	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	319-85-7	
delta-BHC	**2.5**	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	319-86-8	
gamma-BHC (Lindane)	**1.8**	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	58-89-9	
Chlordane (Technical)	ND	ug/L	4.0	20	01/06/14 12:50	01/09/14 11:48	57-74-9	
4,4'-DDD	**4.2**	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	72-54-8	
4,4'-DDE	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	72-55-9	
4,4'-DDT	**8.4**	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	50-29-3	
Dieldrin	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	60-57-1	
Endosulfan I	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	959-98-8	
Endosulfan II	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	33213-65-9	
Endosulfan sulfate	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	1031-07-8	
Endrin	**8.0**	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	72-20-8	
Endrin aldehyde	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	7421-93-4	
Endrin ketone	**4.9**	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	53494-70-5	
Heptachlor	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	76-44-8	
Heptachlor epoxide	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	1024-57-3	
Hexachlorobenzene	ND	ug/L	1.0	20	01/06/14 12:50	01/09/14 11:48	118-74-1	
Methoxychlor	ND	ug/L	3.0	20	01/06/14 12:50	01/09/14 11:48	72-43-5	
Mirex	ND	ug/L	3.0	20	01/06/14 12:50	01/09/14 11:48	2385-85-5	
Toxaphene	ND	ug/L	4.0	20	01/06/14 12:50	01/09/14 11:48	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	20	01/06/14 12:50	01/09/14 11:48	877-09-8	D3,S4
Decachlorobiphenyl (S)	0	%	20-130	20	01/06/14 12:50	01/09/14 11:48	2051-24-3	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		01/08/14 01:39	67-64-1	
Benzene	**14.6**	ug/L	5.0	1		01/08/14 01:39	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/08/14 01:39	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/08/14 01:39	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/08/14 01:39	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/08/14 01:39	75-25-2	
Bromomethane	ND	ug/L	10.0	1		01/08/14 01:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		01/08/14 01:39	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		01/08/14 01:39	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		01/08/14 01:39	104-51-8	
sec-Butylbenzene	**7.1**	ug/L	5.0	1		01/08/14 01:39	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/08/14 01:39	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		01/08/14 01:39	56-23-5	
Chlorobenzene	**44.7**	ug/L	5.0	1		01/08/14 01:39	108-90-7	
Chloroethane	ND	ug/L	10.0	1		01/08/14 01:39	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/08/14 01:39	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/08/14 01:39	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 01:39	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 01:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		01/08/14 01:39	96-12-8	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-13 **Lab ID: 92185244005** Collected: 12/30/13 17:00 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/L	5.0	1		01/08/14 01:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/08/14 01:39	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/08/14 01:39	74-95-3	
1,2-Dichlorobenzene	**7.8**	ug/L	5.0	1		01/08/14 01:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:39	541-73-1	
1,4-Dichlorobenzene	**42.4**	ug/L	5.0	1		01/08/14 01:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/08/14 01:39	75-71-8	
1,1-Dichloroethane	**7.6**	ug/L	5.0	1		01/08/14 01:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/08/14 01:39	107-06-2	
1,2-Dichloroethene (Total)	**1290**	ug/L	500	100		01/08/14 10:33	540-59-0	
1,1-Dichloroethene	**5.3**	ug/L	5.0	1		01/08/14 01:39	75-35-4	
cis-1,2-Dichloroethene	**1260**	ug/L	500	100		01/08/14 10:33	156-59-2	
trans-1,2-Dichloroethene	**32.4**	ug/L	5.0	1		01/08/14 01:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 01:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/08/14 01:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 01:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/08/14 01:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 01:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 01:39	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		01/08/14 01:39	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		01/08/14 01:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/08/14 01:39	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		01/08/14 01:39	591-78-6	
Isopropylbenzene (Cumene)	**5.2**	ug/L	5.0	1		01/08/14 01:39	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/08/14 01:39	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/08/14 01:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		01/08/14 01:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		01/08/14 01:39	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		01/08/14 01:39	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		01/08/14 01:39	103-65-1	
Styrene	ND	ug/L	5.0	1		01/08/14 01:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 01:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 01:39	79-34-5	
Tetrachloroethene	**11.4**	ug/L	5.0	1		01/08/14 01:39	127-18-4	
Toluene	ND	ug/L	5.0	1		01/08/14 01:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:39	87-61-6	
1,2,4-Trichlorobenzene	**22.0**	ug/L	5.0	1		01/08/14 01:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/08/14 01:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/08/14 01:39	79-00-5	
Trichloroethene	**4320**	ug/L	500	100		01/08/14 10:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		01/08/14 01:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/08/14 01:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 01:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 01:39	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		01/08/14 01:39	108-05-4	
Vinyl chloride	**933**	ug/L	500	100		01/08/14 10:33	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		01/08/14 01:39	179601-23-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-13 **Lab ID: 92185244005** Collected: 12/30/13 17:00 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	5.0	1		01/08/14 01:39	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		01/08/14 01:39	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		01/08/14 01:39	17060-07-0	
Toluene-d8 (S)	123	%	70-130	1		01/08/14 01:39	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: PZ-2 **Lab ID: 92185244006** Collected: 12/30/13 17:30 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	309-00-2	
alpha-BHC	**0.20**	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	319-84-6	
beta-BHC	**0.50**	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	319-85-7	
delta-BHC	**0.61**	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	319-86-8	
gamma-BHC (Lindane)	**0.24**	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 12:54	57-74-9	
4,4'-DDD	**0.18**	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	72-54-8	
4,4'-DDE	**0.13**	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	50-29-3	
Dieldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	1031-07-8	
Endrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	7421-93-4	
Endrin ketone	**0.10**	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 12:54	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 12:54	72-43-5	
Mirex	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 12:54	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 12:54	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	43	%	20-130	1	01/06/14 12:50	01/08/14 12:54	877-09-8	
Decachlorobiphenyl (S)	54	%	20-130	1	01/06/14 12:50	01/08/14 12:54	2051-24-3	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		01/08/14 01:55	67-64-1	
Benzene	ND	ug/L	5.0	1		01/08/14 01:55	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/08/14 01:55	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/08/14 01:55	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/08/14 01:55	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/08/14 01:55	75-25-2	
Bromomethane	ND	ug/L	10.0	1		01/08/14 01:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		01/08/14 01:55	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		01/08/14 01:55	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		01/08/14 01:55	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		01/08/14 01:55	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/08/14 01:55	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		01/08/14 01:55	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/08/14 01:55	108-90-7	
Chloroethane	ND	ug/L	10.0	1		01/08/14 01:55	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/08/14 01:55	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/08/14 01:55	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 01:55	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 01:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		01/08/14 01:55	96-12-8	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: PZ-2 **Lab ID: 92185244006** Collected: 12/30/13 17:30 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/L	5.0	1		01/08/14 01:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/08/14 01:55	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/08/14 01:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/08/14 01:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/08/14 01:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/08/14 01:55	107-06-2	
1,2-Dichloroethene (Total)	**3740**	ug/L	1000	200		01/08/14 10:49	540-59-0	
1,1-Dichloroethene	**9.7**	ug/L	5.0	1		01/08/14 01:55	75-35-4	
cis-1,2-Dichloroethene	**3660**	ug/L	1000	200		01/08/14 10:49	156-59-2	
trans-1,2-Dichloroethene	**80.3**	ug/L	5.0	1		01/08/14 01:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 01:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/08/14 01:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 01:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/08/14 01:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 01:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 01:55	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		01/08/14 01:55	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		01/08/14 01:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/08/14 01:55	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		01/08/14 01:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/08/14 01:55	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/08/14 01:55	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/08/14 01:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		01/08/14 01:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		01/08/14 01:55	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		01/08/14 01:55	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		01/08/14 01:55	103-65-1	
Styrene	ND	ug/L	5.0	1		01/08/14 01:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 01:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 01:55	79-34-5	
Tetrachloroethene	**27.8**	ug/L	5.0	1		01/08/14 01:55	127-18-4	
Toluene	ND	ug/L	5.0	1		01/08/14 01:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 01:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/08/14 01:55	71-55-6	
1,1,2-Trichloroethane	**9.9**	ug/L	5.0	1		01/08/14 01:55	79-00-5	
Trichloroethene	**18700**	ug/L	1000	200		01/08/14 10:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		01/08/14 01:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/08/14 01:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 01:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 01:55	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		01/08/14 01:55	108-05-4	
Vinyl chloride	ND	ug/L	1000	200		01/08/14 10:49	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		01/08/14 01:55	179601-23-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: PZ-2 **Lab ID: 92185244006** Collected: 12/30/13 17:30 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	5.0	1		01/08/14 01:55	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		01/08/14 01:55	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		01/08/14 01:55	17060-07-0	
Toluene-d8 (S)	193	%	70-130	1		01/08/14 01:55	2037-26-5	S2

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-1 **Lab ID: 92185244007** Collected: 12/31/13 08:00 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	319-84-6	
beta-BHC	**0.057**	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	319-85-7	
delta-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 13:15	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	50-29-3	
Dieldrin	**0.076**	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	1031-07-8	
Endrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	7421-93-4	
Endrin ketone	**0.10**	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 13:15	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 13:15	72-43-5	
Mirex	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 13:15	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 13:15	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	47	%	20-130	1	01/06/14 12:50	01/08/14 13:15	877-09-8	
Decachlorobiphenyl (S)	76	%	20-130	1	01/06/14 12:50	01/08/14 13:15	2051-24-3	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		01/08/14 02:11	67-64-1	
Benzene	ND	ug/L	5.0	1		01/08/14 02:11	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/08/14 02:11	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/08/14 02:11	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/08/14 02:11	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/08/14 02:11	75-25-2	
Bromomethane	ND	ug/L	10.0	1		01/08/14 02:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		01/08/14 02:11	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		01/08/14 02:11	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		01/08/14 02:11	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		01/08/14 02:11	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/08/14 02:11	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		01/08/14 02:11	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/08/14 02:11	108-90-7	
Chloroethane	ND	ug/L	10.0	1		01/08/14 02:11	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/08/14 02:11	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/08/14 02:11	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 02:11	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 02:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		01/08/14 02:11	96-12-8	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-1 **Lab ID: 92185244007** Collected: 12/31/13 08:00 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/L	5.0	1		01/08/14 02:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/08/14 02:11	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/08/14 02:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/08/14 02:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/08/14 02:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/08/14 02:11	107-06-2	
1,2-Dichloroethene (Total)	**145**	ug/L	5.0	1		01/08/14 02:11	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/08/14 02:11	75-35-4	
cis-1,2-Dichloroethene	**145**	ug/L	5.0	1		01/08/14 02:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 02:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 02:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/08/14 02:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 02:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/08/14 02:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 02:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 02:11	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		01/08/14 02:11	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		01/08/14 02:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/08/14 02:11	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		01/08/14 02:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/08/14 02:11	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/08/14 02:11	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/08/14 02:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		01/08/14 02:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		01/08/14 02:11	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		01/08/14 02:11	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		01/08/14 02:11	103-65-1	
Styrene	ND	ug/L	5.0	1		01/08/14 02:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 02:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 02:11	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/08/14 02:11	127-18-4	
Toluene	ND	ug/L	5.0	1		01/08/14 02:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/08/14 02:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/08/14 02:11	79-00-5	
Trichloroethene	**193**	ug/L	5.0	1		01/08/14 02:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		01/08/14 02:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/08/14 02:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 02:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 02:11	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		01/08/14 02:11	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		01/08/14 02:11	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		01/08/14 02:11	179601-23-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-1 **Lab ID: 92185244007** Collected: 12/31/13 08:00 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	5.0	1		01/08/14 02:11	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		01/08/14 02:11	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		01/08/14 02:11	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		01/08/14 02:11	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-6 **Lab ID: 92185244008** Collected: 12/31/13 09:00 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	319-84-6	
beta-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	319-85-7	
delta-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 14:08	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	50-29-3	
Dieldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	1031-07-8	
Endrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:08	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 14:08	72-43-5	
Mirex	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 14:08	2385-85-5	
Toxaphene	**0.26**	ug/L	0.20	1	01/06/14 12:50	01/08/14 14:08	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	48	%	20-130	1	01/06/14 12:50	01/08/14 14:08	877-09-8	
Decachlorobiphenyl (S)	61	%	20-130	1	01/06/14 12:50	01/08/14 14:08	2051-24-3	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		01/08/14 10:17	67-64-1	
Benzene	ND	ug/L	5.0	1		01/08/14 10:17	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/08/14 10:17	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/08/14 10:17	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/08/14 10:17	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/08/14 10:17	75-25-2	
Bromomethane	ND	ug/L	10.0	1		01/08/14 10:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		01/08/14 10:17	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		01/08/14 10:17	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		01/08/14 10:17	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		01/08/14 10:17	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/08/14 10:17	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		01/08/14 10:17	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/08/14 10:17	108-90-7	
Chloroethane	ND	ug/L	10.0	1		01/08/14 10:17	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/08/14 10:17	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/08/14 10:17	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 10:17	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 10:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		01/08/14 10:17	96-12-8	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-6 **Lab ID: 92185244008** Collected: 12/31/13 09:00 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/L	5.0	1		01/08/14 10:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/08/14 10:17	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/08/14 10:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 10:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 10:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 10:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/08/14 10:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/08/14 10:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/08/14 10:17	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		01/08/14 10:17	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/08/14 10:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 10:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 10:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 10:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/08/14 10:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 10:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/08/14 10:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 10:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 10:17	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		01/08/14 10:17	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		01/08/14 10:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/08/14 10:17	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		01/08/14 10:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/08/14 10:17	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/08/14 10:17	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/08/14 10:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		01/08/14 10:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		01/08/14 10:17	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		01/08/14 10:17	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		01/08/14 10:17	103-65-1	
Styrene	ND	ug/L	5.0	1		01/08/14 10:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 10:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 10:17	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/08/14 10:17	127-18-4	
Toluene	ND	ug/L	5.0	1		01/08/14 10:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 10:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 10:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/08/14 10:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/08/14 10:17	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/08/14 10:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		01/08/14 10:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/08/14 10:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 10:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 10:17	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		01/08/14 10:17	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		01/08/14 10:17	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		01/08/14 10:17	179601-23-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-6 **Lab ID: 92185244008** Collected: 12/31/13 09:00 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	5.0	1		01/08/14 10:17	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		01/08/14 10:17	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		01/08/14 10:17	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		01/08/14 10:17	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-5 **Lab ID: 92185244009** Collected: 12/31/13 09:50 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	319-84-6	
beta-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	319-85-7	
delta-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 14:25	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	50-29-3	
Dieldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	1031-07-8	
Endrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:25	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 14:25	72-43-5	
Mirex	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 14:25	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 14:25	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	56	%	20-130	1	01/06/14 12:50	01/08/14 14:25	877-09-8	
Decachlorobiphenyl (S)	89	%	20-130	1	01/06/14 12:50	01/08/14 14:25	2051-24-3	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		01/08/14 02:43	67-64-1	
Benzene	ND	ug/L	5.0	1		01/08/14 02:43	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/08/14 02:43	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/08/14 02:43	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/08/14 02:43	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/08/14 02:43	75-25-2	
Bromomethane	ND	ug/L	10.0	1		01/08/14 02:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		01/08/14 02:43	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		01/08/14 02:43	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		01/08/14 02:43	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		01/08/14 02:43	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/08/14 02:43	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		01/08/14 02:43	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/08/14 02:43	108-90-7	
Chloroethane	ND	ug/L	10.0	1		01/08/14 02:43	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/08/14 02:43	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/08/14 02:43	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 02:43	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 02:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		01/08/14 02:43	96-12-8	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-5 **Lab ID: 92185244009** Collected: 12/31/13 09:50 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/L	5.0	1		01/08/14 02:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/08/14 02:43	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/08/14 02:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/08/14 02:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/08/14 02:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/08/14 02:43	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		01/08/14 02:43	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/08/14 02:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 02:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 02:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 02:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/08/14 02:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 02:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/08/14 02:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 02:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 02:43	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		01/08/14 02:43	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		01/08/14 02:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/08/14 02:43	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		01/08/14 02:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/08/14 02:43	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/08/14 02:43	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/08/14 02:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		01/08/14 02:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		01/08/14 02:43	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		01/08/14 02:43	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		01/08/14 02:43	103-65-1	
Styrene	ND	ug/L	5.0	1		01/08/14 02:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 02:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 02:43	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/08/14 02:43	127-18-4	
Toluene	ND	ug/L	5.0	1		01/08/14 02:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/08/14 02:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/08/14 02:43	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/08/14 02:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		01/08/14 02:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/08/14 02:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 02:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 02:43	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		01/08/14 02:43	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		01/08/14 02:43	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		01/08/14 02:43	179601-23-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-5 **Lab ID: 92185244009** Collected: 12/31/13 09:50 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	5.0	1		01/08/14 02:43	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		01/08/14 02:43	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		01/08/14 02:43	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		01/08/14 02:43	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-7 **Lab ID: 92185244010** Collected: 12/31/13 12:50 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	319-84-6	
beta-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	319-85-7	
delta-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 14:43	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	50-29-3	
Dieldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	1031-07-8	
Endrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 14:43	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 14:43	72-43-5	
Mirex	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 14:43	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 14:43	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	56	%	20-130	1	01/06/14 12:50	01/08/14 14:43	877-09-8	
Decachlorobiphenyl (S)	96	%	20-130	1	01/06/14 12:50	01/08/14 14:43	2051-24-3	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		01/08/14 02:59	67-64-1	
Benzene	ND	ug/L	5.0	1		01/08/14 02:59	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/08/14 02:59	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/08/14 02:59	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/08/14 02:59	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/08/14 02:59	75-25-2	
Bromomethane	ND	ug/L	10.0	1		01/08/14 02:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		01/08/14 02:59	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		01/08/14 02:59	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		01/08/14 02:59	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		01/08/14 02:59	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/08/14 02:59	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		01/08/14 02:59	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/08/14 02:59	108-90-7	
Chloroethane	ND	ug/L	10.0	1		01/08/14 02:59	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/08/14 02:59	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/08/14 02:59	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 02:59	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 02:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		01/08/14 02:59	96-12-8	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-7 **Lab ID: 92185244010** Collected: 12/31/13 12:50 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/L	5.0	1		01/08/14 02:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/08/14 02:59	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/08/14 02:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/08/14 02:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/08/14 02:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/08/14 02:59	107-06-2	
1,2-Dichloroethene (Total)	**5.5**	ug/L	5.0	1		01/08/14 02:59	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/08/14 02:59	75-35-4	
cis-1,2-Dichloroethene	**5.5**	ug/L	5.0	1		01/08/14 02:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 02:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 02:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/08/14 02:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 02:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/08/14 02:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 02:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 02:59	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		01/08/14 02:59	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		01/08/14 02:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/08/14 02:59	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		01/08/14 02:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/08/14 02:59	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/08/14 02:59	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/08/14 02:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		01/08/14 02:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		01/08/14 02:59	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		01/08/14 02:59	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		01/08/14 02:59	103-65-1	
Styrene	ND	ug/L	5.0	1		01/08/14 02:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 02:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 02:59	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/08/14 02:59	127-18-4	
Toluene	ND	ug/L	5.0	1		01/08/14 02:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 02:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/08/14 02:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/08/14 02:59	79-00-5	
Trichloroethene	**7.1**	ug/L	5.0	1		01/08/14 02:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		01/08/14 02:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/08/14 02:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 02:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 02:59	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		01/08/14 02:59	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		01/08/14 02:59	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		01/08/14 02:59	179601-23-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: MW-7 **Lab ID: 92185244010** Collected: 12/31/13 12:50 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	5.0	1		01/08/14 02:59	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	109	%	70-130	1		01/08/14 02:59	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		01/08/14 02:59	17060-07-0	
Toluene-d8 (S)	94	%	70-130	1		01/08/14 02:59	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: DUP-1 **Lab ID: 92185244011** Collected: 12/31/13 12:50 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	319-84-6	
beta-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	319-85-7	
delta-BHC	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 15:00	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	50-29-3	
Dieldrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	1031-07-8	
Endrin	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	01/06/14 12:50	01/08/14 15:00	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 15:00	72-43-5	
Mirex	ND	ug/L	0.15	1	01/06/14 12:50	01/08/14 15:00	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	01/06/14 12:50	01/08/14 15:00	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	51	%	20-130	1	01/06/14 12:50	01/08/14 15:00	877-09-8	
Decachlorobiphenyl (S)	83	%	20-130	1	01/06/14 12:50	01/08/14 15:00	2051-24-3	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		01/08/14 03:16	67-64-1	
Benzene	ND	ug/L	5.0	1		01/08/14 03:16	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/08/14 03:16	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/08/14 03:16	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/08/14 03:16	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/08/14 03:16	75-25-2	
Bromomethane	ND	ug/L	10.0	1		01/08/14 03:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		01/08/14 03:16	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		01/08/14 03:16	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		01/08/14 03:16	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		01/08/14 03:16	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/08/14 03:16	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		01/08/14 03:16	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/08/14 03:16	108-90-7	
Chloroethane	ND	ug/L	10.0	1		01/08/14 03:16	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/08/14 03:16	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/08/14 03:16	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 03:16	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 03:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		01/08/14 03:16	96-12-8	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: DUP-1 **Lab ID: 92185244011** Collected: 12/31/13 12:50 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Dibromochloromethane	ND	ug/L	5.0	1		01/08/14 03:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/08/14 03:16	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/08/14 03:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 03:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 03:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 03:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/08/14 03:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/08/14 03:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/08/14 03:16	107-06-2	
1,2-Dichloroethene (Total)	**7.6**	ug/L	5.0	1		01/08/14 03:16	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/08/14 03:16	75-35-4	
cis-1,2-Dichloroethene	**7.6**	ug/L	5.0	1		01/08/14 03:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 03:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 03:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/08/14 03:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 03:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/08/14 03:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 03:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 03:16	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		01/08/14 03:16	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		01/08/14 03:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/08/14 03:16	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		01/08/14 03:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/08/14 03:16	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/08/14 03:16	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/08/14 03:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		01/08/14 03:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		01/08/14 03:16	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		01/08/14 03:16	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		01/08/14 03:16	103-65-1	
Styrene	ND	ug/L	5.0	1		01/08/14 03:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 03:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 03:16	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/08/14 03:16	127-18-4	
Toluene	ND	ug/L	5.0	1		01/08/14 03:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 03:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 03:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/08/14 03:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/08/14 03:16	79-00-5	
Trichloroethene	**8.7**	ug/L	5.0	1		01/08/14 03:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		01/08/14 03:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/08/14 03:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 03:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 03:16	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		01/08/14 03:16	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		01/08/14 03:16	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		01/08/14 03:16	179601-23-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: DUP-1 **Lab ID: 92185244011** Collected: 12/31/13 12:50 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	5.0	1		01/08/14 03:16	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		01/08/14 03:16	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130	1		01/08/14 03:16	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		01/08/14 03:16	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: TRIP BLANK **Lab ID: 92185244012** Collected: 12/31/13 00:00 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		01/08/14 00:18	67-64-1	
Benzene	ND	ug/L	5.0	1		01/08/14 00:18	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		01/08/14 00:18	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		01/08/14 00:18	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		01/08/14 00:18	75-27-4	
Bromoform	ND	ug/L	5.0	1		01/08/14 00:18	75-25-2	
Bromomethane	ND	ug/L	10.0	1		01/08/14 00:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		01/08/14 00:18	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		01/08/14 00:18	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		01/08/14 00:18	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		01/08/14 00:18	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		01/08/14 00:18	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		01/08/14 00:18	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		01/08/14 00:18	108-90-7	
Chloroethane	ND	ug/L	10.0	1		01/08/14 00:18	75-00-3	
Chloroform	ND	ug/L	5.0	1		01/08/14 00:18	67-66-3	
Chloromethane	ND	ug/L	5.0	1		01/08/14 00:18	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 00:18	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		01/08/14 00:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		01/08/14 00:18	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		01/08/14 00:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		01/08/14 00:18	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		01/08/14 00:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		01/08/14 00:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		01/08/14 00:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		01/08/14 00:18	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		01/08/14 00:18	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		01/08/14 00:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 00:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		01/08/14 00:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 00:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		01/08/14 00:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		01/08/14 00:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		01/08/14 00:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 00:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		01/08/14 00:18	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		01/08/14 00:18	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		01/08/14 00:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		01/08/14 00:18	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		01/08/14 00:18	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		01/08/14 00:18	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		01/08/14 00:18	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		01/08/14 00:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		01/08/14 00:18	108-10-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Sample: TRIP BLANK **Lab ID: 92185244012** Collected: 12/31/13 00:00 Received: 01/03/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/L	5.0	1		01/08/14 00:18	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		01/08/14 00:18	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		01/08/14 00:18	103-65-1	
Styrene	ND	ug/L	5.0	1		01/08/14 00:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 00:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		01/08/14 00:18	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		01/08/14 00:18	127-18-4	
Toluene	ND	ug/L	5.0	1		01/08/14 00:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		01/08/14 00:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		01/08/14 00:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		01/08/14 00:18	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		01/08/14 00:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		01/08/14 00:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		01/08/14 00:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 00:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		01/08/14 00:18	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		01/08/14 00:18	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		01/08/14 00:18	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		01/08/14 00:18	179601-23-1	
o-Xylene	ND	ug/L	5.0	1		01/08/14 00:18	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		01/08/14 00:18	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		01/08/14 00:18	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		01/08/14 00:18	2037-26-5	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

QC Batch: MSV/25446 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 92185244001, 92185244002, 92185244003, 92185244004, 92185244005, 92185244006, 92185244007, 92185244008, 92185244009, 92185244010, 92185244011, 92185244012

METHOD BLANK: 1116940 Matrix: Water
Associated Lab Samples: 92185244001, 92185244002, 92185244003, 92185244004, 92185244005, 92185244006, 92185244007, 92185244008, 92185244009, 92185244010, 92185244011, 92185244012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	01/07/14 23:46	
1,1,1-Trichloroethane	ug/L	ND	5.0	01/07/14 23:46	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	01/07/14 23:46	
1,1,2-Trichloroethane	ug/L	ND	5.0	01/07/14 23:46	
1,1-Dichloroethane	ug/L	ND	5.0	01/07/14 23:46	
1,1-Dichloroethene	ug/L	ND	5.0	01/07/14 23:46	
1,1-Dichloropropene	ug/L	ND	5.0	01/07/14 23:46	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	01/07/14 23:46	
1,2,3-Trichloropropane	ug/L	ND	5.0	01/07/14 23:46	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	01/07/14 23:46	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	01/07/14 23:46	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	01/07/14 23:46	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	01/07/14 23:46	
1,2-Dichlorobenzene	ug/L	ND	5.0	01/07/14 23:46	
1,2-Dichloroethane	ug/L	ND	5.0	01/07/14 23:46	
1,2-Dichloroethene (Total)	ug/L	ND	5.0	01/07/14 23:46	
1,2-Dichloropropane	ug/L	ND	5.0	01/07/14 23:46	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	01/07/14 23:46	
1,3-Dichlorobenzene	ug/L	ND	5.0	01/07/14 23:46	
1,3-Dichloropropane	ug/L	ND	5.0	01/07/14 23:46	
1,4-Dichlorobenzene	ug/L	ND	5.0	01/07/14 23:46	
2,2-Dichloropropane	ug/L	ND	5.0	01/07/14 23:46	
2-Butanone (MEK)	ug/L	ND	10.0	01/07/14 23:46	
2-Chlorotoluene	ug/L	ND	5.0	01/07/14 23:46	
2-Hexanone	ug/L	ND	10.0	01/07/14 23:46	
4-Chlorotoluene	ug/L	ND	5.0	01/07/14 23:46	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10.0	01/07/14 23:46	
Acetone	ug/L	ND	25.0	01/07/14 23:46	
Benzene	ug/L	ND	5.0	01/07/14 23:46	
Bromobenzene	ug/L	ND	5.0	01/07/14 23:46	
Bromochloromethane	ug/L	ND	5.0	01/07/14 23:46	
Bromodichloromethane	ug/L	ND	5.0	01/07/14 23:46	
Bromoform	ug/L	ND	5.0	01/07/14 23:46	
Bromomethane	ug/L	ND	10.0	01/07/14 23:46	
Carbon tetrachloride	ug/L	ND	5.0	01/07/14 23:46	
Chlorobenzene	ug/L	ND	5.0	01/07/14 23:46	
Chloroethane	ug/L	ND	10.0	01/07/14 23:46	
Chloroform	ug/L	ND	5.0	01/07/14 23:46	
Chloromethane	ug/L	ND	5.0	01/07/14 23:46	
cis-1,2-Dichloroethene	ug/L	ND	5.0	01/07/14 23:46	
cis-1,3-Dichloropropene	ug/L	ND	5.0	01/07/14 23:46	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

METHOD BLANK: 1116940 Matrix: Water

Associated Lab Samples: 92185244001, 92185244002, 92185244003, 92185244004, 92185244005, 92185244006, 92185244007, 92185244008, 92185244009, 92185244010, 92185244011, 92185244012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	5.0	01/07/14 23:46	
Dibromomethane	ug/L	ND	5.0	01/07/14 23:46	
Dichlorodifluoromethane	ug/L	ND	5.0	01/07/14 23:46	
Diisopropyl ether	ug/L	ND	5.0	01/07/14 23:46	
Ethylbenzene	ug/L	ND	5.0	01/07/14 23:46	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	01/07/14 23:46	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	01/07/14 23:46	
m&p-Xylene	ug/L	ND	10.0	01/07/14 23:46	
Methyl-tert-butyl ether	ug/L	ND	5.0	01/07/14 23:46	
Methylene Chloride	ug/L	ND	5.0	01/07/14 23:46	
n-Butylbenzene	ug/L	ND	5.0	01/07/14 23:46	
n-Propylbenzene	ug/L	ND	5.0	01/07/14 23:46	
Naphthalene	ug/L	ND	5.0	01/07/14 23:46	
o-Xylene	ug/L	ND	5.0	01/07/14 23:46	
p-Isopropyltoluene	ug/L	ND	5.0	01/07/14 23:46	
sec-Butylbenzene	ug/L	ND	5.0	01/07/14 23:46	
Styrene	ug/L	ND	5.0	01/07/14 23:46	
tert-Butyl Alcohol	ug/L	ND	100	01/07/14 23:46	
tert-Butylbenzene	ug/L	ND	5.0	01/07/14 23:46	
Tetrachloroethene	ug/L	ND	5.0	01/07/14 23:46	
Toluene	ug/L	ND	5.0	01/07/14 23:46	
trans-1,2-Dichloroethene	ug/L	ND	5.0	01/07/14 23:46	
trans-1,3-Dichloropropene	ug/L	ND	5.0	01/07/14 23:46	
Trichloroethene	ug/L	ND	5.0	01/07/14 23:46	
Trichlorofluoromethane	ug/L	ND	10.0	01/07/14 23:46	
Vinyl acetate	ug/L	ND	10.0	01/07/14 23:46	
Vinyl chloride	ug/L	ND	5.0	01/07/14 23:46	
1,2-Dichloroethane-d4 (S)	%	92	70-130	01/07/14 23:46	
4-Bromofluorobenzene (S)	%	103	70-130	01/07/14 23:46	
Toluene-d8 (S)	%	96	70-130	01/07/14 23:46	

LABORATORY CONTROL SAMPLE: 1116941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.6	95	70-130	
1,1,1-Trichloroethane	ug/L	50	44.9	90	70-137	
1,1,2,2-Tetrachloroethane	ug/L	50	46.4	93	70-130	
1,1,2-Trichloroethane	ug/L	50	47.8	96	70-130	
1,1-Dichloroethane	ug/L	50	43.2	86	70-137	
1,1-Dichloroethene	ug/L	50	46.3	93	70-138	
1,1-Dichloropropene	ug/L	50	45.7	91	70-130	
1,2,3-Trichlorobenzene	ug/L	50	48.5	97	70-143	
1,2,3-Trichloropropane	ug/L	50	47.3	95	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.6	99	70-138	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

LABORATORY CONTROL SAMPLE: 1116941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	46.2	92	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	45.8	92	68-134	
1,2-Dibromoethane (EDB)	ug/L	50	48.4	97	70-130	
1,2-Dichlorobenzene	ug/L	50	47.0	94	70-130	
1,2-Dichloroethane	ug/L	50	42.4	85	70-133	
1,2-Dichloroethene (Total)	ug/L	100	84.4	84	70-130	
1,2-Dichloropropane	ug/L	50	45.9	92	70-130	
1,3,5-Trimethylbenzene	ug/L	50	45.6	91	70-130	
1,3-Dichlorobenzene	ug/L	50	44.9	90	70-130	
1,3-Dichloropropane	ug/L	50	47.6	95	70-130	
1,4-Dichlorobenzene	ug/L	50	45.2	90	70-130	
2,2-Dichloropropane	ug/L	50	37.3	75	61-142	
2-Butanone (MEK)	ug/L	100	97.3	97	63-150	
2-Chlorotoluene	ug/L	50	40.9	82	70-130	
2-Hexanone	ug/L	100	90.3	90	70-137	
4-Chlorotoluene	ug/L	50	43.9	88	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	85.7	86	70-134	
Acetone	ug/L	100	84.2	84	68-160	
Benzene	ug/L	50	48.7	97	70-130	
Bromobenzene	ug/L	50	42.7	85	70-130	
Bromochloromethane	ug/L	50	44.1	88	70-135	
Bromodichloromethane	ug/L	50	45.1	90	70-130	
Bromoform	ug/L	50	46.9	94	70-130	
Bromomethane	ug/L	50	32.9	66	63-130	
Carbon tetrachloride	ug/L	50	43.3	87	70-146	
Chlorobenzene	ug/L	50	46.4	93	70-130	
Chloroethane	ug/L	50	14.2	28	60-151	L0
Chloroform	ug/L	50	45.1	90	70-130	
Chloromethane	ug/L	50	49.8	100	65-133	
cis-1,2-Dichloroethene	ug/L	50	42.9	86	70-134	
cis-1,3-Dichloropropene	ug/L	50	45.1	90	70-130	
Dibromochloromethane	ug/L	50	46.3	93	70-130	
Dibromomethane	ug/L	50	48.0	96	70-130	
Dichlorodifluoromethane	ug/L	50	57.1	114	66-130	
Diisopropyl ether	ug/L	50	41.0	82	70-133	
Ethylbenzene	ug/L	50	44.0	88	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.6	99	58-151	
Isopropylbenzene (Cumene)	ug/L	50	45.8	92	70-130	
m&p-Xylene	ug/L	100	89.9	90	70-130	
Methyl-tert-butyl ether	ug/L	50	47.1	94	70-136	
Methylene Chloride	ug/L	50	41.7	83	70-130	
n-Butylbenzene	ug/L	50	48.3	97	70-130	
n-Propylbenzene	ug/L	50	43.9	88	70-130	
Naphthalene	ug/L	50	46.8	94	70-139	
o-Xylene	ug/L	50	45.9	92	70-130	
p-Isopropyltoluene	ug/L	50	46.6	93	70-130	
sec-Butylbenzene	ug/L	50	45.2	90	70-130	
Styrene	ug/L	50	46.5	93	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

LABORATORY CONTROL SAMPLE: 1116941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butyl Alcohol	ug/L	500	749	150	69-151	
tert-Butylbenzene	ug/L	50	45.2	90	70-130	
Tetrachloroethene	ug/L	50	50.0	100	70-130	
Toluene	ug/L	50	46.2	92	70-130	
trans-1,2-Dichloroethene	ug/L	50	41.5	83	70-130	
trans-1,3-Dichloropropene	ug/L	50	45.4	91	70-130	
Trichloroethene	ug/L	50	47.4	95	70-130	
Trichlorofluoromethane	ug/L	50	23.6	47	70-130	L0
Vinyl acetate	ug/L	100	89.6	90	67-148	
Vinyl chloride	ug/L	50	54.3	109	67-133	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1117402 1117403

Parameter	Units	92185244003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	32.2	31.8	64	64	65-160	1	M0
Benzene	ug/L	ND	50	50	55.0	52.3	110	105	58-162	5	
Chlorobenzene	ug/L	ND	50	50	52.6	52.7	105	105	70-138	0	
Toluene	ug/L	ND	50	50	60.7	50.6	121	101	65-152	18	
Trichloroethene	ug/L	ND	50	50	61.2	54.5	122	109	70-142	12	
1,2-Dichloroethane-d4 (S)	%						92	93	70-130		
4-Bromofluorobenzene (S)	%						111	105	70-130		
Toluene-d8 (S)	%						119	100	70-130		

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

QC Batch: OEXT/25418 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92185244001, 92185244002, 92185244003, 92185244004, 92185244005, 92185244006, 92185244007, 92185244008, 92185244009, 92185244010, 92185244011

METHOD BLANK: 1116433 Matrix: Water
Associated Lab Samples: 92185244001, 92185244002, 92185244003, 92185244004, 92185244005, 92185244006, 92185244007, 92185244008, 92185244009, 92185244010, 92185244011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	01/08/14 10:44	
4,4'-DDE	ug/L	ND	0.050	01/08/14 10:44	
4,4'-DDT	ug/L	ND	0.050	01/08/14 10:44	
Aldrin	ug/L	ND	0.050	01/08/14 10:44	
alpha-BHC	ug/L	ND	0.050	01/08/14 10:44	
beta-BHC	ug/L	ND	0.050	01/08/14 10:44	
Chlordane (Technical)	ug/L	ND	0.20	01/08/14 10:44	
delta-BHC	ug/L	ND	0.050	01/08/14 10:44	
Dieldrin	ug/L	ND	0.050	01/08/14 10:44	
Endosulfan I	ug/L	ND	0.050	01/08/14 10:44	
Endosulfan II	ug/L	ND	0.050	01/08/14 10:44	
Endosulfan sulfate	ug/L	ND	0.050	01/08/14 10:44	
Endrin	ug/L	ND	0.050	01/08/14 10:44	
Endrin aldehyde	ug/L	ND	0.050	01/08/14 10:44	
Endrin ketone	ug/L	ND	0.050	01/08/14 10:44	
gamma-BHC (Lindane)	ug/L	ND	0.050	01/08/14 10:44	
Heptachlor	ug/L	ND	0.050	01/08/14 10:44	
Heptachlor epoxide	ug/L	ND	0.050	01/08/14 10:44	
Hexachlorobenzene	ug/L	ND	0.050	01/08/14 10:44	
Methoxychlor	ug/L	ND	0.15	01/08/14 10:44	
Mirex	ug/L	ND	0.15	01/08/14 10:44	
Toxaphene	ug/L	ND	0.20	01/08/14 10:44	
Decachlorobiphenyl (S)	%	93	20-130	01/08/14 10:44	
Tetrachloro-m-xylene (S)	%	86	20-130	01/08/14 10:44	

LABORATORY CONTROL SAMPLE: 1116434

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.26	105	20-150	
4,4'-DDE	ug/L	.25	0.24	98	20-150	
4,4'-DDT	ug/L	.25	0.25	102	20-150	
Aldrin	ug/L	.25	0.19	76	20-150	
alpha-BHC	ug/L	.25	0.22	89	20-150	
beta-BHC	ug/L	.25	0.22	91	20-150	
delta-BHC	ug/L	.25	0.24	96	20-150	
Dieldrin	ug/L	.25	0.22	90	20-150	
Endosulfan I	ug/L	.25	0.23	94	20-150	
Endosulfan II	ug/L	.25	0.23	94	20-150	
Endosulfan sulfate	ug/L	.25	0.24	99	20-150	
Endrin	ug/L	.25	0.25	101	20-150	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

LABORATORY CONTROL SAMPLE: 1116434

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin aldehyde	ug/L	.25	0.23	92	20-150	
Endrin ketone	ug/L	.25	0.24	96	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.22	89	20-150	
Heptachlor	ug/L	.25	0.20	82	20-150	
Heptachlor epoxide	ug/L	.25	0.23	91	20-150	
Hexachlorobenzene	ug/L	.25	0.18	72	20-150	
Methoxychlor	ug/L	.74	0.73	98	20-150	
Mirex	ug/L	.74	0.68	91	20-150	
Decachlorobiphenyl (S)	%			92	20-130	
Tetrachloro-m-xylene (S)	%			86	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1116435 1116436

Parameter	Units	92185244007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4,4'-DDD	ug/L	ND	.5	.5	0.54	0.59	110	120	20-150	9	
4,4'-DDE	ug/L	ND	.5	.5	0.54	0.53	109	107	20-150	2	
4,4'-DDT	ug/L	ND	.5	.5	0.55	0.57	111	115	20-150	3	
Aldrin	ug/L	ND	.5	.5	0.31	0.31	63	63	20-150	0	
alpha-BHC	ug/L	ND	.5	.5	0.32	0.32	64	66	20-150	3	
beta-BHC	ug/L	0.057	.5	.5	0.47	0.47	83	83	20-150	0	
delta-BHC	ug/L	ND	.5	.5	0.43	0.44	86	89	20-150	4	
Dieldrin	ug/L	0.076	.5	.5	0.52	0.50	89	86	20-150	2	
Endosulfan I	ug/L	ND	.5	.5	0.44	0.44	89	89	20-150	1	
Endosulfan II	ug/L	ND	.5	.5	0.56	0.55	113	110	20-150	2	
Endosulfan sulfate	ug/L	ND	.5	.5	0.54	0.57	108	114	20-150	5	
Endrin	ug/L	ND	.5	.5	0.54	0.54	110	109	20-150	1	
Endrin aldehyde	ug/L	ND	.5	.5	0.52	0.49	104	100	20-150	4	
Endrin ketone	ug/L	0.10	.5	.5	0.60	0.57	101	96	20-150	4	
gamma-BHC (Lindane)	ug/L	ND	.5	.5	0.34	0.35	69	71	20-150	2	
Heptachlor	ug/L	ND	.5	.5	0.33	0.34	66	68	20-150	2	
Heptachlor epoxide	ug/L	ND	.5	.5	0.44	0.43	89	88	20-150	2	
Hexachlorobenzene	ug/L	ND	.5	.5	0.27	0.29	56	59	20-150	6	
Methoxychlor	ug/L	ND	1.5	1.5	1.6	1.6	110	108	20-150	2	
Mirex	ug/L	ND	1.5	1.5	1.3	1.3	89	89	20-150	0	
Decachlorobiphenyl (S)	%						108	98	20-130		
Tetrachloro-m-xylene (S)	%						61	65	20-130		

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QUALIFIERS

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

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TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: LEGION INDUSTRIES
Pace Project No.: 92185244

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92185244001	**MW-12**	EPA 3510	OEXT/25418	EPA 8081	GCSV/16384
92185244002	**MW-2**	EPA 3510	OEXT/25418	EPA 8081	GCSV/16384
92185244003	**MW-3**	EPA 3510	OEXT/25418	EPA 8081	GCSV/16384
92185244004	**MW-9**	EPA 3510	OEXT/25418	EPA 8081	GCSV/16384
92185244005	**MW-13**	EPA 3510	OEXT/25418	EPA 8081	GCSV/16384
92185244006	**PZ-2**	EPA 3510	OEXT/25418	EPA 8081	GCSV/16384
92185244007	**MW-1**	EPA 3510	OEXT/25418	EPA 8081	GCSV/16384
92185244008	**MW-6**	EPA 3510	OEXT/25418	EPA 8081	GCSV/16384
92185244009	**MW-5**	EPA 3510	OEXT/25418	EPA 8081	GCSV/16384
92185244010	**MW-7**	EPA 3510	OEXT/25418	EPA 8081	GCSV/16384
92185244011	**DUP-1**	EPA 3510	OEXT/25418	EPA 8081	GCSV/16384
92185244001	**MW-12**	EPA 8260	MSV/25446		
92185244002	**MW-2**	EPA 8260	MSV/25446		
92185244003	**MW-3**	EPA 8260	MSV/25446		
92185244004	**MW-9**	EPA 8260	MSV/25446		
92185244005	**MW-13**	EPA 8260	MSV/25446		
92185244006	**PZ-2**	EPA 8260	MSV/25446		
92185244007	**MW-1**	EPA 8260	MSV/25446		
92185244008	**MW-6**	EPA 8260	MSV/25446		
92185244009	**MW-5**	EPA 8260	MSV/25446		
92185244010	**MW-7**	EPA 8260	MSV/25446		
92185244011	**DUP-1**	EPA 8260	MSV/25446		
92185244012	**TRIP BLANK**	EPA 8260	MSV/25446		

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Pace Analytical	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: December 10, 2013 Page 1 of 2
	Document Number: **F-CHR-CS-03-rev.13**	Issuing Authority: Pace Huntersville Quality Office

Client Name: Amec

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

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

Thermometer Used: IR Gun T1102 T1301 **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor **T1102**: No Correction **T1301**: No Correction

Corrected Cooler Temp.: 0.1 °C **Biological Tissue is Frozen:** Yes No (N/A)

Temp should be above freezing to 6°C

Comments:

Optional
Proj. Due Date:
Proj. Name:

Date and Initials of person examining contents: JW 1-3-14

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr): JW 1-3-14	☑Yes ☐No ☐N/A	6.
Rush Turn Around Time Requested:	☑Yes ☐No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact: JW 1-3-14	☑Yes ☐No ☐N/A	10. 1 1.7oz(CAG1U) for Sample MW-5 Broken
Filtered volume received for Dissolved tests	☐Yes ☐No ☐N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix:_____		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	
Samples checked for dechlorination:	☑Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16. Recieved TB not on COC. no Date/time on TB
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Steve Foley Date/Time: 01/03/14

Comments/ Resolution: Run TB w/ project for 8260,

SCURF Review: JDB **Date:** 01/03/14

SRF Review: JDB **Date:** 01/03/14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Place label here

WO# : 92185244

92185244

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of 1691509

Section A Required Client Information:
Company: AMEC
Address: 396 PLASTICS AVE
ATLANTA, GA 30324
Email To: STEVE.FOLEY@AMEC.COM
Phone: (404) 817-0052 Fax:
Requested Due Date/TAT: 3-DAY

Section B Required Project Information:
Report To: STEVE FOLEY
Copy To:
Purchase Order No.:
Project Name: LEGION INDUSTRIES
Project Number: 6121-09-0444

Section C Invoice Information:
Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: GA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N): Analysis Test VOCs (8260 SIM)	Petroleum	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-12	WT	G			12/31/13	0945		5	2			3					N	N		92185244 001
2	MW-2	WT	G			12/30/13	1050		5	2			3					X	X		002
3	MW-3	WT	G			12/30/13	1310		5	2			3					X	X		003
4	MW-9	WT	G			12/30/13	1445		5	2			3					X	X		004
5	MW-13	WT	G			12/30/13	1700		5	2			3					X	X		005
6	PZ-2	WT	G			12/30/13	1850		5	2			3					X	X		006
7	MW-1	WT	G			12/31/13	0800		5	2			3					X	X		007
8	MW-6	WT	G			12/31/13	0900		5	2			3					X	X		008
9	MW-5	WT	G			12/31/13	0950		5	2			3					X	X		009
10	MW-7	WT	G			12/31/13	1230		5	2			3					X	X		010
11	DUP-1	WT	G			12/31/13	1250		5	2			3					X	X		011
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		1/2/14	1345	Brent Pelt	1/2/14	13:50				
				Jeganwich Pace	1-3-14	10:00	0.1	Y	N	N

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: STEPHEN R FOLEY
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 01/2/14

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

01/03/2014 11:34 4048926832 UPS STORE PAGE 01/01

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 26, 2014

Steve Foley
AMEC Environment & Infrastruct
396 Plasters Avenue
Atlanta, GA 30324

RE: Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Dear Steve Foley:
Enclosed are the analytical results for sample(s) received by the laboratory on June 18, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

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

Sincerely,

Kevin Godwin
kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Chuck Ferry, AMEC Environment & Infrastruct

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CERTIFICATIONS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92205929001	**MW-9**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92205929002	**MW-3**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92205929003	**MW-5**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92205929004	**MW-13**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92205929005	**PZ-2**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92205929006	**MW-4**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92205929007	**MW-12**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92205929008	**DUP-1**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92205929009	**MW-2**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92205929010	**MW-1**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92205929011	**MW-7**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92205929012	**TRIP BLANK**	EPA 8260	MCK	63	PASI-C
92205929013	**MW-14-2-3'**	ASTM D2974-87	AES	1	PASI-C
		EPA 9060 Modified	TJJ	4	PASI-G
92205929014	**MW-16-1-2'**	ASTM D2974-87	AES	1	PASI-C
		EPA 9060 Modified	TJJ	4	PASI-G
92205929015	**MW-17-6-7'**	ASTM D2974-87	AES	1	PASI-C
		EPA 9060 Modified	TJJ	4	PASI-G

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SUMMARY OF DETECTION

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92205929001	**MW-9**					
EPA 8081	4,4'-DDD	0.13	ug/L	0.050	06/23/14 15:06	
EPA 8081	Dieldrin	0.16	ug/L	0.050	06/23/14 15:06	
92205929002	**MW-3**					
EPA 8260	Trichloroethene	1.2	ug/L	1.0	06/21/14 07:10	
92205929004	**MW-13**					
EPA 8081	beta-BHC	4.2	ug/L	1.0	06/25/14 12:00	
EPA 8081	delta-BHC	1.9	ug/L	1.0	06/25/14 12:00	
EPA 8081	gamma-BHC (Lindane)	1.5	ug/L	1.0	06/25/14 12:00	
EPA 8081	4,4'-DDD	3.8	ug/L	1.0	06/25/14 12:00	
EPA 8081	4,4'-DDE	2.3	ug/L	1.0	06/25/14 12:00	
EPA 8081	4,4'-DDT	7.6	ug/L	1.0	06/25/14 12:00	
EPA 8081	Endrin	6.0	ug/L	1.0	06/25/14 12:00	
EPA 8081	Endrin ketone	4.0	ug/L	1.0	06/25/14 12:00	
EPA 8260	Chlorobenzene	48.1	ug/L	20.0	06/23/14 22:43	
EPA 8260	1,4-Dichlorobenzene	47.0	ug/L	20.0	06/23/14 22:43	
EPA 8260	cis-1,2-Dichloroethene	1120	ug/L	20.0	06/23/14 22:43	
EPA 8260	1,2,4-Trichlorobenzene	32.0	ug/L	20.0	06/23/14 22:43	
EPA 8260	Trichloroethene	2710	ug/L	20.0	06/23/14 22:43	
EPA 8260	Vinyl chloride	657	ug/L	20.0	06/23/14 22:43	
92205929005	**PZ-2**					
EPA 8081	alpha-BHC	0.33	ug/L	0.20	06/25/14 12:18	
EPA 8081	beta-BHC	0.41	ug/L	0.20	06/25/14 12:18	
EPA 8081	delta-BHC	0.75	ug/L	0.20	06/25/14 12:18	
EPA 8081	gamma-BHC (Lindane)	0.44	ug/L	0.20	06/25/14 12:18	
EPA 8081	4,4'-DDD	1.7	ug/L	0.20	06/25/14 12:18	
EPA 8081	4,4'-DDT	0.50	ug/L	0.20	06/25/14 12:18	
EPA 8081	Dieldrin	0.52	ug/L	0.20	06/25/14 12:18	
EPA 8081	Endrin	0.28	ug/L	0.20	06/25/14 12:18	
EPA 8081	Endrin ketone	0.54	ug/L	0.20	06/25/14 12:18	
EPA 8260	cis-1,2-Dichloroethene	3340	ug/L	100	06/21/14 07:58	
EPA 8260	Trichloroethene	10300	ug/L	100	06/21/14 07:58	
EPA 8260	Vinyl chloride	305	ug/L	100	06/21/14 07:58	
92205929006	**MW-4**					
EPA 8260	cis-1,2-Dichloroethene	5.1	ug/L	1.0	06/23/14 22:59	
EPA 8260	Trichloroethene	7.8	ug/L	1.0	06/23/14 22:59	
92205929007	**MW-12**					
EPA 8081	delta-BHC	0.055	ug/L	0.050	06/23/14 17:01	
EPA 8081	gamma-BHC (Lindane)	0.13	ug/L	0.050	06/23/14 17:01	
EPA 8260	cis-1,2-Dichloroethene	2.1	ug/L	1.0	06/21/14 08:13	
EPA 8260	Trichloroethene	12.4	ug/L	1.0	06/21/14 08:13	
92205929008	**DUP-1**					
EPA 8081	delta-BHC	0.072	ug/L	0.050	06/23/14 17:19	
EPA 8081	gamma-BHC (Lindane)	0.16	ug/L	0.050	06/23/14 17:19	
EPA 8260	cis-1,2-Dichloroethene	2.4	ug/L	1.0	06/23/14 23:16	

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SUMMARY OF DETECTION

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92205929008	**DUP-1**					
EPA 8260	Trichloroethene	13.2	ug/L	1.0	06/23/14 23:16	
92205929009	**MW-2**					
EPA 8081	alpha-BHC	5.3	ug/L	1.0	06/25/14 12:35	
EPA 8081	delta-BHC	8.1	ug/L	1.0	06/25/14 12:35	
EPA 8081	gamma-BHC (Lindane)	1.9	ug/L	1.0	06/25/14 12:35	
EPA 8081	Dieldrin	1.8	ug/L	1.0	06/25/14 12:35	
EPA 8260	Benzene	3.9	ug/L	1.0	06/21/14 08:29	
EPA 8260	Chlorobenzene	11.8	ug/L	1.0	06/21/14 08:29	
EPA 8260	1,4-Dichlorobenzene	3.0	ug/L	1.0	06/21/14 08:29	
EPA 8260	cis-1,2-Dichloroethene	160	ug/L	1.0	06/21/14 08:29	
EPA 8260	trans-1,2-Dichloroethene	1.1	ug/L	1.0	06/21/14 08:29	
EPA 8260	Ethylbenzene	2.5	ug/L	1.0	06/21/14 08:29	
EPA 8260	Naphthalene	10.5	ug/L	1.0	06/21/14 08:29	
EPA 8260	Trichloroethene	2.1	ug/L	1.0	06/21/14 08:29	
EPA 8260	Vinyl chloride	159	ug/L	1.0	06/21/14 08:29	
EPA 8260	Xylene (Total)	6.1	ug/L	2.0	06/21/14 08:29	
EPA 8260	o-Xylene	6.1	ug/L	1.0	06/21/14 08:29	
92205929010	**MW-1**					
EPA 8081	beta-BHC	0.11	ug/L	0.050	06/23/14 17:56	
EPA 8081	Dieldrin	0.12	ug/L	0.050	06/23/14 17:56	
EPA 8081	Endrin ketone	0.24	ug/L	0.050	06/23/14 17:56	
EPA 8260	Chlorobenzene	1.4	ug/L	1.0	06/21/14 08:45	
EPA 8260	1,4-Dichlorobenzene	1.2	ug/L	1.0	06/21/14 08:45	
EPA 8260	1,1-Dichloroethene	2.2	ug/L	1.0	06/21/14 08:45	
EPA 8260	cis-1,2-Dichloroethene	902	ug/L	20.0	06/23/14 19:57	
EPA 8260	trans-1,2-Dichloroethene	2.9	ug/L	1.0	06/21/14 08:45	
EPA 8260	Tetrachloroethene	1.2	ug/L	1.0	06/21/14 08:45	
EPA 8260	Trichloroethene	788	ug/L	20.0	06/23/14 19:57	
EPA 8260	Vinyl chloride	160	ug/L	1.0	06/21/14 08:45	
92205929011	**MW-7**					
EPA 8260	cis-1,2-Dichloroethene	17.4	ug/L	1.0	06/21/14 09:00	
EPA 8260	Trichloroethene	16.9	ug/L	1.0	06/21/14 09:00	
92205929013	**MW-14-2-3'**					
ASTM D2974-87	Percent Moisture	15.6	%	0.10	06/20/14 17:58	
EPA 9060 Modified	RPD%	5.0	%	0.10	06/25/14 08:00	
EPA 9060 Modified	Total Organic Carbon	1500	mg/kg	711	06/25/14 08:00	
EPA 9060 Modified	Total Organic Carbon	1580	mg/kg	711	06/25/14 08:06	
EPA 9060 Modified	Mean Total Organic Carbon	1540	mg/kg	711	06/25/14 08:00	
92205929014	**MW-16-1-2'**					
ASTM D2974-87	Percent Moisture	8.9	%	0.10	06/20/14 17:58	
EPA 9060 Modified	RPD%	4.5	%	0.10	06/25/14 08:34	
EPA 9060 Modified	Total Organic Carbon	2150	mg/kg	817	06/25/14 08:34	
EPA 9060 Modified	Total Organic Carbon	2050	mg/kg	812	06/25/14 08:40	
EPA 9060 Modified	Mean Total Organic Carbon	2100	mg/kg	814	06/25/14 08:34	

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SUMMARY OF DETECTION

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92205929015	**MW-17-6-7'**					
ASTM D2974-87	Percent Moisture	16.0	%	0.10	06/20/14 17:59	
EPA 9060 Modified	RPD%	12.2	%	0.10	06/25/14 08:46	
EPA 9060 Modified	Total Organic Carbon	764	mg/kg	714	06/25/14 08:46	
EPA 9060 Modified	Mean Total Organic Carbon	720	mg/kg	714	06/25/14 08:46	

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PROJECT NARRATIVE

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Method: **EPA 8081**
Description: 8081 Organochlorine Pesticides
Client: AMEC Environment & Infrastructure
Date: June 26, 2014

General Information:
11 samples were analyzed for EPA 8081. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/28407

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- MW-13 (Lab ID: 92205929004)
  - Tetrachloro-m-xylene (S)
- MW-2 (Lab ID: 92205929009)
  - Tetrachloro-m-xylene (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: AMEC Environment & Infrastructure
Date: June 26, 2014

General Information:
12 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/27287

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- LCS (Lab ID: 1225941)
  - Dichlorodifluoromethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Method: **EPA 9060 Modified**
Description: Total Organic Carbon
Client: AMEC Environment & Infrastructure
Date: June 26, 2014

General Information:
3 samples were analyzed for EPA 9060 Modified. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-9 **Lab ID: 92205929001** Collected: 06/16/14 12:30 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	319-84-6	
beta-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	319-85-7	
delta-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 15:06	57-74-9	
4,4'-DDD	**0.13**	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	50-29-3	
Dieldrin	**0.16**	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:06	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 15:06	72-43-5	
Mirex	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 15:06	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 15:06	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	30	%	20-130	1	06/20/14 14:20	06/23/14 15:06	877-09-8	
Decachlorobiphenyl (S)	76	%	20-130	1	06/20/14 14:20	06/23/14 15:06	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/21/14 06:55	67-64-1	
Benzene	ND	ug/L	1.0	1		06/21/14 06:55	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/21/14 06:55	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/21/14 06:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/21/14 06:55	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/21/14 06:55	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/21/14 06:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/21/14 06:55	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/21/14 06:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/21/14 06:55	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/21/14 06:55	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/21/14 06:55	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/21/14 06:55	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 06:55	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 06:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/21/14 06:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/21/14 06:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/21/14 06:55	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/21/14 06:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 06:55	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-9 **Lab ID: 92205929001** Collected: 06/16/14 12:30 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 06:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 06:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/21/14 06:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/21/14 06:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/21/14 06:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/21/14 06:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/21/14 06:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/21/14 06:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 06:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/21/14 06:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 06:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/21/14 06:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 06:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 06:55	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/21/14 06:55	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/21/14 06:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/21/14 06:55	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/21/14 06:55	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/21/14 06:55	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/21/14 06:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/21/14 06:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/21/14 06:55	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/21/14 06:55	91-20-3	
Styrene	ND	ug/L	1.0	1		06/21/14 06:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 06:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 06:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/21/14 06:55	127-18-4	
Toluene	ND	ug/L	1.0	1		06/21/14 06:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 06:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 06:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/21/14 06:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/21/14 06:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/21/14 06:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/21/14 06:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/21/14 06:55	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/21/14 06:55	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/21/14 06:55	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/21/14 06:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/21/14 06:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/21/14 06:55	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		06/21/14 06:55	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		06/21/14 06:55	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		06/21/14 06:55	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-3 **Lab ID: 92205929002** Collected: 06/16/14 14:20 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	319-84-6	
beta-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	319-85-7	
delta-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 15:24	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	50-29-3	
Dieldrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:24	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 15:24	72-43-5	
Mirex	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 15:24	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 15:24	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	24	%	20-130	1	06/20/14 14:20	06/23/14 15:24	877-09-8	
Decachlorobiphenyl (S)	49	%	20-130	1	06/20/14 14:20	06/23/14 15:24	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/21/14 07:10	67-64-1	
Benzene	ND	ug/L	1.0	1		06/21/14 07:10	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/21/14 07:10	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/21/14 07:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/21/14 07:10	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/21/14 07:10	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/21/14 07:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/21/14 07:10	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/21/14 07:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/21/14 07:10	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/21/14 07:10	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/21/14 07:10	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/21/14 07:10	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 07:10	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 07:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/21/14 07:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/21/14 07:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/21/14 07:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/21/14 07:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 07:10	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-3 **Lab ID: 92205929002** Collected: 06/16/14 14:20 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 07:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 07:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/21/14 07:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/21/14 07:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/21/14 07:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/21/14 07:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/21/14 07:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/21/14 07:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 07:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/21/14 07:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 07:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/21/14 07:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 07:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 07:10	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/21/14 07:10	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/21/14 07:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/21/14 07:10	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/21/14 07:10	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/21/14 07:10	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/21/14 07:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/21/14 07:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/21/14 07:10	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/21/14 07:10	91-20-3	
Styrene	ND	ug/L	1.0	1		06/21/14 07:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 07:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 07:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/21/14 07:10	127-18-4	
Toluene	ND	ug/L	1.0	1		06/21/14 07:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 07:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 07:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/21/14 07:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/21/14 07:10	79-00-5	
Trichloroethene	**1.2**	ug/L	1.0	1		06/21/14 07:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/21/14 07:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/21/14 07:10	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/21/14 07:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/21/14 07:10	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/21/14 07:10	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/21/14 07:10	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/21/14 07:10	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		06/21/14 07:10	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		06/21/14 07:10	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		06/21/14 07:10	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-5 **Lab ID: 92205929003** Collected: 06/17/14 07:30 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	319-84-6	
beta-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	319-85-7	
delta-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 15:42	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	50-29-3	
Dieldrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 15:42	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 15:42	72-43-5	
Mirex	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 15:42	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 15:42	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	34	%	20-130	1	06/20/14 14:20	06/23/14 15:42	877-09-8	
Decachlorobiphenyl (S)	53	%	20-130	1	06/20/14 14:20	06/23/14 15:42	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/21/14 07:26	67-64-1	
Benzene	ND	ug/L	1.0	1		06/21/14 07:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/21/14 07:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/21/14 07:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/21/14 07:26	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/21/14 07:26	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/21/14 07:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/21/14 07:26	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/21/14 07:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/21/14 07:26	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/21/14 07:26	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/21/14 07:26	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/21/14 07:26	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 07:26	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 07:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/21/14 07:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/21/14 07:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/21/14 07:26	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/21/14 07:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 07:26	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-5 **Lab ID: 92205929003** Collected: 06/17/14 07:30 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 07:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 07:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/21/14 07:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/21/14 07:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/21/14 07:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/21/14 07:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/21/14 07:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/21/14 07:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 07:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/21/14 07:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 07:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/21/14 07:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 07:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 07:26	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/21/14 07:26	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/21/14 07:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/21/14 07:26	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/21/14 07:26	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/21/14 07:26	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/21/14 07:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/21/14 07:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/21/14 07:26	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/21/14 07:26	91-20-3	
Styrene	ND	ug/L	1.0	1		06/21/14 07:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 07:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 07:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/21/14 07:26	127-18-4	
Toluene	ND	ug/L	1.0	1		06/21/14 07:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 07:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 07:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/21/14 07:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/21/14 07:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/21/14 07:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/21/14 07:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/21/14 07:26	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/21/14 07:26	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/21/14 07:26	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/21/14 07:26	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/21/14 07:26	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/21/14 07:26	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		06/21/14 07:26	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		06/21/14 07:26	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		06/21/14 07:26	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-13 **Lab ID: 92205929004** Collected: 06/17/14 09:20 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	309-00-2	
alpha-BHC	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	319-84-6	
beta-BHC	**4.2**	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	319-85-7	
delta-BHC	**1.9**	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	319-86-8	
gamma-BHC (Lindane)	**1.5**	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	58-89-9	
Chlordane (Technical)	ND	ug/L	4.0	20	06/20/14 14:20	06/25/14 12:00	57-74-9	
4,4'-DDD	**3.8**	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	72-54-8	
4,4'-DDE	**2.3**	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	72-55-9	
4,4'-DDT	**7.6**	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	50-29-3	
Dieldrin	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	60-57-1	
Endosulfan I	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	959-98-8	
Endosulfan II	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	33213-65-9	
Endosulfan sulfate	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	1031-07-8	
Endrin	**6.0**	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	72-20-8	
Endrin aldehyde	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	7421-93-4	
Endrin ketone	**4.0**	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	53494-70-5	
Heptachlor	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	76-44-8	
Heptachlor epoxide	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	1024-57-3	
Hexachlorobenzene	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:00	118-74-1	
Methoxychlor	ND	ug/L	3.0	20	06/20/14 14:20	06/25/14 12:00	72-43-5	
Mirex	ND	ug/L	3.0	20	06/20/14 14:20	06/25/14 12:00	2385-85-5	
Toxaphene	ND	ug/L	4.0	20	06/20/14 14:20	06/25/14 12:00	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	20	06/20/14 14:20	06/25/14 12:00	877-09-8	S4
Decachlorobiphenyl (S)	0	%	20-130	20	06/20/14 14:20	06/25/14 12:00	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	500	20		06/23/14 22:43	67-64-1	
Benzene	ND	ug/L	20.0	20		06/23/14 22:43	71-43-2	
Bromobenzene	ND	ug/L	20.0	20		06/23/14 22:43	108-86-1	
Bromochloromethane	ND	ug/L	20.0	20		06/23/14 22:43	74-97-5	
Bromodichloromethane	ND	ug/L	20.0	20		06/23/14 22:43	75-27-4	
Bromoform	ND	ug/L	20.0	20		06/23/14 22:43	75-25-2	
Bromomethane	ND	ug/L	40.0	20		06/23/14 22:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	20		06/23/14 22:43	78-93-3	
Carbon tetrachloride	ND	ug/L	20.0	20		06/23/14 22:43	56-23-5	
Chlorobenzene	**48.1**	ug/L	20.0	20		06/23/14 22:43	108-90-7	
Chloroethane	ND	ug/L	20.0	20		06/23/14 22:43	75-00-3	
Chloroform	ND	ug/L	20.0	20		06/23/14 22:43	67-66-3	
Chloromethane	ND	ug/L	20.0	20		06/23/14 22:43	74-87-3	
2-Chlorotoluene	ND	ug/L	20.0	20		06/23/14 22:43	95-49-8	
4-Chlorotoluene	ND	ug/L	20.0	20		06/23/14 22:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	40.0	20		06/23/14 22:43	96-12-8	
Dibromochloromethane	ND	ug/L	20.0	20		06/23/14 22:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	20.0	20		06/23/14 22:43	106-93-4	
Dibromomethane	ND	ug/L	20.0	20		06/23/14 22:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	20.0	20		06/23/14 22:43	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-13 **Lab ID: 92205929004** Collected: 06/17/14 09:20 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	20.0	20		06/23/14 22:43	541-73-1	
1,4-Dichlorobenzene	**47.0**	ug/L	20.0	20		06/23/14 22:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	20.0	20		06/23/14 22:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	20.0	20		06/23/14 22:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	20.0	20		06/23/14 22:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	20.0	20		06/23/14 22:43	75-35-4	
cis-1,2-Dichloroethene	**1120**	ug/L	20.0	20		06/23/14 22:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	20.0	20		06/23/14 22:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	20.0	20		06/23/14 22:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	20.0	20		06/23/14 22:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	20.0	20		06/23/14 22:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	20.0	20		06/23/14 22:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	20.0	20		06/23/14 22:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	20.0	20		06/23/14 22:43	10061-02-6	
Diisopropyl ether	ND	ug/L	20.0	20		06/23/14 22:43	108-20-3	
Ethylbenzene	ND	ug/L	20.0	20		06/23/14 22:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	20		06/23/14 22:43	87-68-3	
2-Hexanone	ND	ug/L	100	20		06/23/14 22:43	591-78-6	
p-Isopropyltoluene	ND	ug/L	20.0	20		06/23/14 22:43	99-87-6	
Methylene Chloride	ND	ug/L	40.0	20		06/23/14 22:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	20		06/23/14 22:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	20		06/23/14 22:43	1634-04-4	
Naphthalene	ND	ug/L	20.0	20		06/23/14 22:43	91-20-3	
Styrene	ND	ug/L	20.0	20		06/23/14 22:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	20.0	20		06/23/14 22:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	20.0	20		06/23/14 22:43	79-34-5	
Tetrachloroethene	ND	ug/L	20.0	20		06/23/14 22:43	127-18-4	
Toluene	ND	ug/L	20.0	20		06/23/14 22:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	20.0	20		06/23/14 22:43	87-61-6	
1,2,4-Trichlorobenzene	**32.0**	ug/L	20.0	20		06/23/14 22:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	20.0	20		06/23/14 22:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	20.0	20		06/23/14 22:43	79-00-5	
Trichloroethene	**2710**	ug/L	20.0	20		06/23/14 22:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	20.0	20		06/23/14 22:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	20.0	20		06/23/14 22:43	96-18-4	
Vinyl acetate	ND	ug/L	40.0	20		06/23/14 22:43	108-05-4	
Vinyl chloride	**657**	ug/L	20.0	20		06/23/14 22:43	75-01-4	
Xylene (Total)	ND	ug/L	40.0	20		06/23/14 22:43	1330-20-7	
m&p-Xylene	ND	ug/L	40.0	20		06/23/14 22:43	179601-23-1	
o-Xylene	ND	ug/L	20.0	20		06/23/14 22:43	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	20		06/23/14 22:43	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	20		06/23/14 22:43	17060-07-0	
Toluene-d8 (S)	98	%	70-130	20		06/23/14 22:43	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: PZ-2 **Lab ID: 92205929005** Collected: 06/17/14 10:55 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	309-00-2	
alpha-BHC	**0.33**	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	319-84-6	
beta-BHC	**0.41**	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	319-85-7	
delta-BHC	**0.75**	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	319-86-8	
gamma-BHC (Lindane)	**0.44**	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	58-89-9	
Chlordane (Technical)	ND	ug/L	0.80	4	06/20/14 14:20	06/25/14 12:18	57-74-9	
4,4'-DDD	**1.7**	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	72-54-8	
4,4'-DDE	ND	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	72-55-9	
4,4'-DDT	**0.50**	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	50-29-3	
Dieldrin	**0.52**	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	60-57-1	
Endosulfan I	ND	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	959-98-8	
Endosulfan II	ND	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	1031-07-8	
Endrin	**0.28**	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	72-20-8	
Endrin aldehyde	ND	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	7421-93-4	
Endrin ketone	**0.54**	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	53494-70-5	
Heptachlor	ND	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	76-44-8	
Heptachlor epoxide	ND	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.20	4	06/20/14 14:20	06/25/14 12:18	118-74-1	
Methoxychlor	ND	ug/L	0.60	4	06/20/14 14:20	06/25/14 12:18	72-43-5	
Mirex	ND	ug/L	0.60	4	06/20/14 14:20	06/25/14 12:18	2385-85-5	
Toxaphene	ND	ug/L	0.80	4	06/20/14 14:20	06/25/14 12:18	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	25	%	20-130	4	06/20/14 14:20	06/25/14 12:18	877-09-8	
Decachlorobiphenyl (S)	57	%	20-130	4	06/20/14 14:20	06/25/14 12:18	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	2500	100		06/21/14 07:58	67-64-1	
Benzene	ND	ug/L	100	100		06/21/14 07:58	71-43-2	
Bromobenzene	ND	ug/L	100	100		06/21/14 07:58	108-86-1	
Bromochloromethane	ND	ug/L	100	100		06/21/14 07:58	74-97-5	
Bromodichloromethane	ND	ug/L	100	100		06/21/14 07:58	75-27-4	
Bromoform	ND	ug/L	100	100		06/21/14 07:58	75-25-2	
Bromomethane	ND	ug/L	200	100		06/21/14 07:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	500	100		06/21/14 07:58	78-93-3	
Carbon tetrachloride	ND	ug/L	100	100		06/21/14 07:58	56-23-5	
Chlorobenzene	ND	ug/L	100	100		06/21/14 07:58	108-90-7	
Chloroethane	ND	ug/L	100	100		06/21/14 07:58	75-00-3	
Chloroform	ND	ug/L	100	100		06/21/14 07:58	67-66-3	
Chloromethane	ND	ug/L	100	100		06/21/14 07:58	74-87-3	
2-Chlorotoluene	ND	ug/L	100	100		06/21/14 07:58	95-49-8	
4-Chlorotoluene	ND	ug/L	100	100		06/21/14 07:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	200	100		06/21/14 07:58	96-12-8	
Dibromochloromethane	ND	ug/L	100	100		06/21/14 07:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	100	100		06/21/14 07:58	106-93-4	
Dibromomethane	ND	ug/L	100	100		06/21/14 07:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	100	100		06/21/14 07:58	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: PZ-2 **Lab ID: 92205929005** Collected: 06/17/14 10:55 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	100	100		06/21/14 07:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	100	100		06/21/14 07:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	100	100		06/21/14 07:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	100	100		06/21/14 07:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	100	100		06/21/14 07:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	100	100		06/21/14 07:58	75-35-4	
cis-1,2-Dichloroethene	**3340**	ug/L	100	100		06/21/14 07:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	100	100		06/21/14 07:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	100	100		06/21/14 07:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	100	100		06/21/14 07:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	100	100		06/21/14 07:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	100	100		06/21/14 07:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	100	100		06/21/14 07:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	100	100		06/21/14 07:58	10061-02-6	
Diisopropyl ether	ND	ug/L	100	100		06/21/14 07:58	108-20-3	
Ethylbenzene	ND	ug/L	100	100		06/21/14 07:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	100	100		06/21/14 07:58	87-68-3	
2-Hexanone	ND	ug/L	500	100		06/21/14 07:58	591-78-6	
p-Isopropyltoluene	ND	ug/L	100	100		06/21/14 07:58	99-87-6	
Methylene Chloride	ND	ug/L	200	100		06/21/14 07:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	500	100		06/21/14 07:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	100	100		06/21/14 07:58	1634-04-4	
Naphthalene	ND	ug/L	100	100		06/21/14 07:58	91-20-3	
Styrene	ND	ug/L	100	100		06/21/14 07:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	100	100		06/21/14 07:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	100	100		06/21/14 07:58	79-34-5	
Tetrachloroethene	ND	ug/L	100	100		06/21/14 07:58	127-18-4	
Toluene	ND	ug/L	100	100		06/21/14 07:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	100	100		06/21/14 07:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	100	100		06/21/14 07:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	100	100		06/21/14 07:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	100		06/21/14 07:58	79-00-5	
Trichloroethene	**10300**	ug/L	100	100		06/21/14 07:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	100	100		06/21/14 07:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	100	100		06/21/14 07:58	96-18-4	
Vinyl acetate	ND	ug/L	200	100		06/21/14 07:58	108-05-4	
Vinyl chloride	**305**	ug/L	100	100		06/21/14 07:58	75-01-4	
Xylene (Total)	ND	ug/L	200	100		06/21/14 07:58	1330-20-7	
m&p-Xylene	ND	ug/L	200	100		06/21/14 07:58	179601-23-1	
o-Xylene	ND	ug/L	100	100		06/21/14 07:58	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	100		06/21/14 07:58	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	100		06/21/14 07:58	17060-07-0	
Toluene-d8 (S)	99	%	70-130	100		06/21/14 07:58	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-4 **Lab ID: 92205929006** Collected: 06/17/14 14:30 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	319-84-6	
beta-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	319-85-7	
delta-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 16:38	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	50-29-3	
Dieldrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 16:38	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 16:38	72-43-5	
Mirex	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 16:38	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 16:38	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	38	%	20-130	1	06/20/14 14:20	06/23/14 16:38	877-09-8	
Decachlorobiphenyl (S)	33	%	20-130	1	06/20/14 14:20	06/23/14 16:38	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/23/14 22:59	67-64-1	
Benzene	ND	ug/L	1.0	1		06/23/14 22:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/23/14 22:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/23/14 22:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/23/14 22:59	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/23/14 22:59	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/23/14 22:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/23/14 22:59	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/23/14 22:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/23/14 22:59	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/23/14 22:59	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/23/14 22:59	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/23/14 22:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/23/14 22:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/23/14 22:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/23/14 22:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/23/14 22:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/23/14 22:59	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/23/14 22:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/23/14 22:59	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-4 **Lab ID: 92205929006** Collected: 06/17/14 14:30 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/23/14 22:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/23/14 22:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/23/14 22:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/23/14 22:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/23/14 22:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/23/14 22:59	75-35-4	
cis-1,2-Dichloroethene	**5.1**	ug/L	1.0	1		06/23/14 22:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/23/14 22:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/23/14 22:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/23/14 22:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/23/14 22:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/23/14 22:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/23/14 22:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/23/14 22:59	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/23/14 22:59	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/23/14 22:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/23/14 22:59	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/23/14 22:59	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/23/14 22:59	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/23/14 22:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/23/14 22:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/23/14 22:59	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/23/14 22:59	91-20-3	
Styrene	ND	ug/L	1.0	1		06/23/14 22:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/23/14 22:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/23/14 22:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/23/14 22:59	127-18-4	
Toluene	ND	ug/L	1.0	1		06/23/14 22:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/23/14 22:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/23/14 22:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/23/14 22:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/23/14 22:59	79-00-5	
Trichloroethene	**7.8**	ug/L	1.0	1		06/23/14 22:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/23/14 22:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/23/14 22:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/23/14 22:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/23/14 22:59	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/23/14 22:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/23/14 22:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/23/14 22:59	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		06/23/14 22:59	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		06/23/14 22:59	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		06/23/14 22:59	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-12 **Lab ID: 92205929007** Collected: 06/17/14 15:35 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	319-84-6	
beta-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	319-85-7	
delta-BHC	**0.055**	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	319-86-8	
gamma-BHC (Lindane)	**0.13**	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 17:01	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	50-29-3	
Dieldrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:01	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 17:01	72-43-5	
Mirex	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 17:01	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 17:01	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	26	%	20-130	1	06/20/14 14:20	06/23/14 17:01	877-09-8	
Decachlorobiphenyl (S)	43	%	20-130	1	06/20/14 14:20	06/23/14 17:01	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/21/14 08:13	67-64-1	
Benzene	ND	ug/L	1.0	1		06/21/14 08:13	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/21/14 08:13	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/21/14 08:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/21/14 08:13	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/21/14 08:13	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/21/14 08:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/21/14 08:13	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/21/14 08:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/21/14 08:13	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/21/14 08:13	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/21/14 08:13	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/21/14 08:13	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 08:13	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 08:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/21/14 08:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/21/14 08:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/21/14 08:13	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/21/14 08:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 08:13	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-12 **Lab ID: 92205929007** Collected: 06/17/14 15:35 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 08:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 08:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/21/14 08:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/21/14 08:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/21/14 08:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/21/14 08:13	75-35-4	
cis-1,2-Dichloroethene	**2.1**	ug/L	1.0	1		06/21/14 08:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/21/14 08:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 08:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/21/14 08:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 08:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/21/14 08:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 08:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 08:13	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/21/14 08:13	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/21/14 08:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/21/14 08:13	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/21/14 08:13	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/21/14 08:13	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/21/14 08:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/21/14 08:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/21/14 08:13	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/21/14 08:13	91-20-3	
Styrene	ND	ug/L	1.0	1		06/21/14 08:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 08:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 08:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/21/14 08:13	127-18-4	
Toluene	ND	ug/L	1.0	1		06/21/14 08:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 08:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 08:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/21/14 08:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/21/14 08:13	79-00-5	
Trichloroethene	**12.4**	ug/L	1.0	1		06/21/14 08:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/21/14 08:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/21/14 08:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/21/14 08:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/21/14 08:13	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/21/14 08:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/21/14 08:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/21/14 08:13	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		06/21/14 08:13	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		06/21/14 08:13	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		06/21/14 08:13	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: DUP-1 **Lab ID: 92205929008** Collected: 06/17/14 15:40 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	319-84-6	
beta-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	319-85-7	
delta-BHC	**0.072**	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	319-86-8	
gamma-BHC (Lindane)	**0.16**	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 17:19	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	50-29-3	
Dieldrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:19	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 17:19	72-43-5	
Mirex	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 17:19	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 17:19	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	23	%	20-130	1	06/20/14 14:20	06/23/14 17:19	877-09-8	
Decachlorobiphenyl (S)	62	%	20-130	1	06/20/14 14:20	06/23/14 17:19	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/23/14 23:16	67-64-1	
Benzene	ND	ug/L	1.0	1		06/23/14 23:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/23/14 23:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/23/14 23:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/23/14 23:16	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/23/14 23:16	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/23/14 23:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/23/14 23:16	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/23/14 23:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/23/14 23:16	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/23/14 23:16	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/23/14 23:16	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/23/14 23:16	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/23/14 23:16	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/23/14 23:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/23/14 23:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/23/14 23:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/23/14 23:16	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/23/14 23:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/23/14 23:16	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: DUP-1 **Lab ID: 92205929008** Collected: 06/17/14 15:40 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/23/14 23:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/23/14 23:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/23/14 23:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/23/14 23:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/23/14 23:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/23/14 23:16	75-35-4	
cis-1,2-Dichloroethene	**2.4**	ug/L	1.0	1		06/23/14 23:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/23/14 23:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/23/14 23:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/23/14 23:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/23/14 23:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/23/14 23:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/23/14 23:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/23/14 23:16	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/23/14 23:16	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/23/14 23:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/23/14 23:16	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/23/14 23:16	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/23/14 23:16	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/23/14 23:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/23/14 23:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/23/14 23:16	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/23/14 23:16	91-20-3	
Styrene	ND	ug/L	1.0	1		06/23/14 23:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/23/14 23:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/23/14 23:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/23/14 23:16	127-18-4	
Toluene	ND	ug/L	1.0	1		06/23/14 23:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/23/14 23:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/23/14 23:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/23/14 23:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/23/14 23:16	79-00-5	
Trichloroethene	**13.2**	ug/L	1.0	1		06/23/14 23:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/23/14 23:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/23/14 23:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/23/14 23:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/23/14 23:16	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/23/14 23:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/23/14 23:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/23/14 23:16	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		06/23/14 23:16	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		06/23/14 23:16	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		06/23/14 23:16	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-2 **Lab ID: 92205929009** Collected: 06/16/14 13:50 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	309-00-2	
alpha-BHC	**5.3**	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	319-84-6	
beta-BHC	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	319-85-7	
delta-BHC	**8.1**	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	319-86-8	
gamma-BHC (Lindane)	**1.9**	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	58-89-9	
Chlordane (Technical)	ND	ug/L	4.0	20	06/20/14 14:20	06/25/14 12:35	57-74-9	
4,4'-DDD	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	72-54-8	
4,4'-DDE	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	72-55-9	
4,4'-DDT	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	50-29-3	
Dieldrin	**1.8**	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	60-57-1	
Endosulfan I	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	959-98-8	
Endosulfan II	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	33213-65-9	
Endosulfan sulfate	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	1031-07-8	
Endrin	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	72-20-8	
Endrin aldehyde	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	7421-93-4	
Endrin ketone	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	53494-70-5	
Heptachlor	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	76-44-8	
Heptachlor epoxide	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	1024-57-3	
Hexachlorobenzene	ND	ug/L	1.0	20	06/20/14 14:20	06/25/14 12:35	118-74-1	
Methoxychlor	ND	ug/L	3.0	20	06/20/14 14:20	06/25/14 12:35	72-43-5	
Mirex	ND	ug/L	3.0	20	06/20/14 14:20	06/25/14 12:35	2385-85-5	
Toxaphene	ND	ug/L	4.0	20	06/20/14 14:20	06/25/14 12:35	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	20	06/20/14 14:20	06/25/14 12:35	877-09-8	S4
Decachlorobiphenyl (S)	0	%	20-130	20	06/20/14 14:20	06/25/14 12:35	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/21/14 08:29	67-64-1	
Benzene	**3.9**	ug/L	1.0	1		06/21/14 08:29	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/21/14 08:29	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/21/14 08:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/21/14 08:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/21/14 08:29	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/21/14 08:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/21/14 08:29	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/21/14 08:29	56-23-5	
Chlorobenzene	**11.8**	ug/L	1.0	1		06/21/14 08:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/21/14 08:29	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/21/14 08:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/21/14 08:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 08:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 08:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/21/14 08:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/21/14 08:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/21/14 08:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/21/14 08:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 08:29	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-2 **Lab ID: 92205929009** Collected: 06/16/14 13:50 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 08:29	541-73-1	
1,4-Dichlorobenzene	**3.0**	ug/L	1.0	1		06/21/14 08:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/21/14 08:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/21/14 08:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/21/14 08:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/21/14 08:29	75-35-4	
cis-1,2-Dichloroethene	**160**	ug/L	1.0	1		06/21/14 08:29	156-59-2	
trans-1,2-Dichloroethene	**1.1**	ug/L	1.0	1		06/21/14 08:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 08:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/21/14 08:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 08:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/21/14 08:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 08:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 08:29	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/21/14 08:29	108-20-3	
Ethylbenzene	**2.5**	ug/L	1.0	1		06/21/14 08:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/21/14 08:29	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/21/14 08:29	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/21/14 08:29	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/21/14 08:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/21/14 08:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/21/14 08:29	1634-04-4	
Naphthalene	**10.5**	ug/L	1.0	1		06/21/14 08:29	91-20-3	
Styrene	ND	ug/L	1.0	1		06/21/14 08:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 08:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 08:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/21/14 08:29	127-18-4	
Toluene	ND	ug/L	1.0	1		06/21/14 08:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 08:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 08:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/21/14 08:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/21/14 08:29	79-00-5	
Trichloroethene	**2.1**	ug/L	1.0	1		06/21/14 08:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/21/14 08:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/21/14 08:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/21/14 08:29	108-05-4	
Vinyl chloride	**159**	ug/L	1.0	1		06/21/14 08:29	75-01-4	
Xylene (Total)	**6.1**	ug/L	2.0	1		06/21/14 08:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/21/14 08:29	179601-23-1	
o-Xylene	**6.1**	ug/L	1.0	1		06/21/14 08:29	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		06/21/14 08:29	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		06/21/14 08:29	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		06/21/14 08:29	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-1 **Lab ID: 92205929010** Collected: 06/16/14 16:15 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	319-84-6	
beta-BHC	**0.11**	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	319-85-7	
delta-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 17:56	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	50-29-3	
Dieldrin	**0.12**	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	7421-93-4	
Endrin ketone	**0.24**	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 17:56	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 17:56	72-43-5	
Mirex	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 17:56	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 17:56	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	45	%	20-130	1	06/20/14 14:20	06/23/14 17:56	877-09-8	
Decachlorobiphenyl (S)	53	%	20-130	1	06/20/14 14:20	06/23/14 17:56	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/21/14 08:45	67-64-1	
Benzene	ND	ug/L	1.0	1		06/21/14 08:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/21/14 08:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/21/14 08:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/21/14 08:45	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/21/14 08:45	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/21/14 08:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/21/14 08:45	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/21/14 08:45	56-23-5	
Chlorobenzene	**1.4**	ug/L	1.0	1		06/21/14 08:45	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/21/14 08:45	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/21/14 08:45	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/21/14 08:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 08:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 08:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/21/14 08:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/21/14 08:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/21/14 08:45	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/21/14 08:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 08:45	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-1 **Lab ID: 92205929010** Collected: 06/16/14 16:15 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 08:45	541-73-1	
1,4-Dichlorobenzene	**1.2**	ug/L	1.0	1		06/21/14 08:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/21/14 08:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/21/14 08:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/21/14 08:45	107-06-2	
1,1-Dichloroethene	**2.2**	ug/L	1.0	1		06/21/14 08:45	75-35-4	
cis-1,2-Dichloroethene	**902**	ug/L	20.0	20		06/23/14 19:57	156-59-2	
trans-1,2-Dichloroethene	**2.9**	ug/L	1.0	1		06/21/14 08:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 08:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/21/14 08:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 08:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/21/14 08:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 08:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 08:45	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/21/14 08:45	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/21/14 08:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/21/14 08:45	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/21/14 08:45	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/21/14 08:45	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/21/14 08:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/21/14 08:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/21/14 08:45	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/21/14 08:45	91-20-3	
Styrene	ND	ug/L	1.0	1		06/21/14 08:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 08:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 08:45	79-34-5	
Tetrachloroethene	**1.2**	ug/L	1.0	1		06/21/14 08:45	127-18-4	
Toluene	ND	ug/L	1.0	1		06/21/14 08:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 08:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 08:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/21/14 08:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/21/14 08:45	79-00-5	
Trichloroethene	**788**	ug/L	20.0	20		06/23/14 19:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/21/14 08:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/21/14 08:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/21/14 08:45	108-05-4	
Vinyl chloride	**160**	ug/L	1.0	1		06/21/14 08:45	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/21/14 08:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/21/14 08:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/21/14 08:45	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		06/21/14 08:45	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		06/21/14 08:45	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		06/21/14 08:45	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-7 **Lab ID: 92205929011** Collected: 06/17/14 09:15 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	319-84-6	
beta-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	319-85-7	
delta-BHC	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 18:14	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	50-29-3	
Dieldrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/20/14 14:20	06/23/14 18:14	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 18:14	72-43-5	
Mirex	ND	ug/L	0.15	1	06/20/14 14:20	06/23/14 18:14	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/20/14 14:20	06/23/14 18:14	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	21	%	20-130	1	06/20/14 14:20	06/23/14 18:14	877-09-8	
Decachlorobiphenyl (S)	60	%	20-130	1	06/20/14 14:20	06/23/14 18:14	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/21/14 09:00	67-64-1	
Benzene	ND	ug/L	1.0	1		06/21/14 09:00	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/21/14 09:00	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/21/14 09:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/21/14 09:00	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/21/14 09:00	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/21/14 09:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/21/14 09:00	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/21/14 09:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/21/14 09:00	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/21/14 09:00	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/21/14 09:00	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/21/14 09:00	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 09:00	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 09:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/21/14 09:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/21/14 09:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/21/14 09:00	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/21/14 09:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 09:00	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-7 **Lab ID: 92205929011** Collected: 06/17/14 09:15 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 09:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 09:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/21/14 09:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/21/14 09:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/21/14 09:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/21/14 09:00	75-35-4	
cis-1,2-Dichloroethene	**17.4**	ug/L	1.0	1		06/21/14 09:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/21/14 09:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 09:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/21/14 09:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 09:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/21/14 09:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 09:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 09:00	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/21/14 09:00	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/21/14 09:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/21/14 09:00	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/21/14 09:00	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/21/14 09:00	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/21/14 09:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/21/14 09:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/21/14 09:00	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/21/14 09:00	91-20-3	
Styrene	ND	ug/L	1.0	1		06/21/14 09:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 09:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 09:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/21/14 09:00	127-18-4	
Toluene	ND	ug/L	1.0	1		06/21/14 09:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 09:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 09:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/21/14 09:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/21/14 09:00	79-00-5	
Trichloroethene	**16.9**	ug/L	1.0	1		06/21/14 09:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/21/14 09:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/21/14 09:00	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/21/14 09:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/21/14 09:00	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/21/14 09:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/21/14 09:00	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/21/14 09:00	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		06/21/14 09:00	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		06/21/14 09:00	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		06/21/14 09:00	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: TRIP BLANK **Lab ID: 92205929012** Collected: 06/16/14 00:00 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/21/14 09:16	67-64-1	
Benzene	ND	ug/L	1.0	1		06/21/14 09:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/21/14 09:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/21/14 09:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/21/14 09:16	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/21/14 09:16	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/21/14 09:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/21/14 09:16	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/21/14 09:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/21/14 09:16	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/21/14 09:16	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/21/14 09:16	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/21/14 09:16	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 09:16	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/21/14 09:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/21/14 09:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/21/14 09:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/21/14 09:16	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/21/14 09:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 09:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 09:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/21/14 09:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/21/14 09:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/21/14 09:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/21/14 09:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/21/14 09:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/21/14 09:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/21/14 09:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 09:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/21/14 09:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/21/14 09:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/21/14 09:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 09:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/21/14 09:16	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/21/14 09:16	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/21/14 09:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/21/14 09:16	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/21/14 09:16	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/21/14 09:16	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/21/14 09:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/21/14 09:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/21/14 09:16	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/21/14 09:16	91-20-3	
Styrene	ND	ug/L	1.0	1		06/21/14 09:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 09:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/21/14 09:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/21/14 09:16	127-18-4	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: TRIP BLANK **Lab ID: 92205929012** Collected: 06/16/14 00:00 Received: 06/18/14 16:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		06/21/14 09:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 09:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/21/14 09:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/21/14 09:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/21/14 09:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/21/14 09:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/21/14 09:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/21/14 09:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/21/14 09:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/21/14 09:16	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/21/14 09:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/21/14 09:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/21/14 09:16	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		06/21/14 09:16	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		06/21/14 09:16	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		06/21/14 09:16	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-14-2-3' **Lab ID: 92205929013** Collected: 06/17/14 11:05 Received: 06/18/14 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**15.6**	%	0.10	1		06/20/14 17:58		
Total Organic Carbon	Analytical Method: EPA 9060 Modified							
Surrogates								
RPD%	**5.0**	%	0.10	1		06/25/14 08:00		
Total Organic Carbon	**1500**	mg/kg	711	1		06/25/14 08:00	7440-44-0	
Total Organic Carbon	**1580**	mg/kg	711	1		06/25/14 08:06	7440-44-0	
Mean Total Organic Carbon	**1540**	mg/kg	711	1		06/25/14 08:00	7440-44-0	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-16-1-2' **Lab ID: 92205929014** Collected: 06/17/14 14:10 Received: 06/18/14 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.9**	%	0.10	1		06/20/14 17:58		
Total Organic Carbon	Analytical Method: EPA 9060 Modified							
Surrogates								
RPD%	**4.5**	%	0.10	1		06/25/14 08:34		
Total Organic Carbon	**2150**	mg/kg	817	1		06/25/14 08:34	7440-44-0	
Total Organic Carbon	**2050**	mg/kg	812	1		06/25/14 08:40	7440-44-0	
Mean Total Organic Carbon	**2100**	mg/kg	814	1		06/25/14 08:34	7440-44-0	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Sample: MW-17-6-7' **Lab ID: 92205929015** Collected: 06/17/14 15:20 Received: 06/18/14 16:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**16.0**	%	0.10	1		06/20/14 17:59		
Total Organic Carbon	Analytical Method: EPA 9060 Modified							
Surrogates								
RPD%	**12.2**	%	0.10	1		06/25/14 08:46		
Total Organic Carbon	**764**	mg/kg	714	1		06/25/14 08:46	7440-44-0	
Total Organic Carbon	ND	mg/kg	714	1		06/25/14 08:51	7440-44-0	
Mean Total Organic Carbon	**720**	mg/kg	714	1		06/25/14 08:46	7440-44-0	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

QC Batch: MSV/27287 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92205929001, 92205929002, 92205929003, 92205929005, 92205929007, 92205929009, 92205929010, 92205929011, 92205929012

METHOD BLANK: 1225940 Matrix: Water
Associated Lab Samples: 92205929001, 92205929002, 92205929003, 92205929005, 92205929007, 92205929009, 92205929010, 92205929011, 92205929012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/21/14 04:34	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/21/14 04:34	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/21/14 04:34	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/21/14 04:34	
1,1-Dichloroethane	ug/L	ND	1.0	06/21/14 04:34	
1,1-Dichloroethene	ug/L	ND	1.0	06/21/14 04:34	
1,1-Dichloropropene	ug/L	ND	1.0	06/21/14 04:34	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/21/14 04:34	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/21/14 04:34	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/21/14 04:34	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	06/21/14 04:34	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/21/14 04:34	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/21/14 04:34	
1,2-Dichloroethane	ug/L	ND	1.0	06/21/14 04:34	
1,2-Dichloropropane	ug/L	ND	1.0	06/21/14 04:34	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/21/14 04:34	
1,3-Dichloropropane	ug/L	ND	1.0	06/21/14 04:34	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/21/14 04:34	
2,2-Dichloropropane	ug/L	ND	1.0	06/21/14 04:34	
2-Butanone (MEK)	ug/L	ND	5.0	06/21/14 04:34	
2-Chlorotoluene	ug/L	ND	1.0	06/21/14 04:34	
2-Hexanone	ug/L	ND	5.0	06/21/14 04:34	
4-Chlorotoluene	ug/L	ND	1.0	06/21/14 04:34	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/21/14 04:34	
Acetone	ug/L	ND	25.0	06/21/14 04:34	
Benzene	ug/L	ND	1.0	06/21/14 04:34	
Bromobenzene	ug/L	ND	1.0	06/21/14 04:34	
Bromochloromethane	ug/L	ND	1.0	06/21/14 04:34	
Bromodichloromethane	ug/L	ND	1.0	06/21/14 04:34	
Bromoform	ug/L	ND	1.0	06/21/14 04:34	
Bromomethane	ug/L	ND	2.0	06/21/14 04:34	
Carbon tetrachloride	ug/L	ND	1.0	06/21/14 04:34	
Chlorobenzene	ug/L	ND	1.0	06/21/14 04:34	
Chloroethane	ug/L	ND	1.0	06/21/14 04:34	
Chloroform	ug/L	ND	1.0	06/21/14 04:34	
Chloromethane	ug/L	ND	1.0	06/21/14 04:34	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/21/14 04:34	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/21/14 04:34	
Dibromochloromethane	ug/L	ND	1.0	06/21/14 04:34	
Dibromomethane	ug/L	ND	1.0	06/21/14 04:34	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

METHOD BLANK: 1225940 Matrix: Water
Associated Lab Samples: 92205929001, 92205929002, 92205929003, 92205929005, 92205929007, 92205929009, 92205929010, 92205929011, 92205929012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	06/21/14 04:34	
Diisopropyl ether	ug/L	ND	1.0	06/21/14 04:34	
Ethylbenzene	ug/L	ND	1.0	06/21/14 04:34	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/21/14 04:34	
m&p-Xylene	ug/L	ND	2.0	06/21/14 04:34	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/21/14 04:34	
Methylene Chloride	ug/L	ND	2.0	06/21/14 04:34	
Naphthalene	ug/L	ND	1.0	06/21/14 04:34	
o-Xylene	ug/L	ND	1.0	06/21/14 04:34	
p-Isopropyltoluene	ug/L	ND	1.0	06/21/14 04:34	
Styrene	ug/L	ND	1.0	06/21/14 04:34	
Tetrachloroethene	ug/L	ND	1.0	06/21/14 04:34	
Toluene	ug/L	ND	1.0	06/21/14 04:34	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/21/14 04:34	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/21/14 04:34	
Trichloroethene	ug/L	ND	1.0	06/21/14 04:34	
Trichlorofluoromethane	ug/L	ND	1.0	06/21/14 04:34	
Vinyl acetate	ug/L	ND	2.0	06/21/14 04:34	
Vinyl chloride	ug/L	ND	1.0	06/21/14 04:34	
Xylene (Total)	ug/L	ND	2.0	06/21/14 04:34	
1,2-Dichloroethane-d4 (S)	%	101	70-130	06/21/14 04:34	
4-Bromofluorobenzene (S)	%	100	70-130	06/21/14 04:34	
Toluene-d8 (S)	%	100	70-130	06/21/14 04:34	

LABORATORY CONTROL SAMPLE: 1225941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.0	102	70-130	
1,1,1-Trichloroethane	ug/L	50	51.6	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.7	107	70-130	
1,1,2-Trichloroethane	ug/L	50	51.0	102	70-130	
1,1-Dichloroethane	ug/L	50	46.6	93	70-130	
1,1-Dichloroethene	ug/L	50	57.3	115	70-132	
1,1-Dichloropropene	ug/L	50	55.2	110	70-130	
1,2,3-Trichlorobenzene	ug/L	50	63.7	127	70-135	
1,2,3-Trichloropropane	ug/L	50	54.5	109	70-130	
1,2,4-Trichlorobenzene	ug/L	50	60.0	120	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	52.8	106	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.3	103	70-130	
1,2-Dichlorobenzene	ug/L	50	52.5	105	70-130	
1,2-Dichloroethane	ug/L	50	48.9	98	70-130	
1,2-Dichloropropane	ug/L	50	48.7	97	70-130	
1,3-Dichlorobenzene	ug/L	50	50.8	102	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

LABORATORY CONTROL SAMPLE: 1225941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichloropropane	ug/L	50	50.0	100	70-130	
1,4-Dichlorobenzene	ug/L	50	51.6	103	70-130	
2,2-Dichloropropane	ug/L	50	42.5	85	58-145	
2-Butanone (MEK)	ug/L	100	108	108	70-145	
2-Chlorotoluene	ug/L	50	50.8	102	70-130	
2-Hexanone	ug/L	100	108	108	70-144	
4-Chlorotoluene	ug/L	50	49.6	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	114	114	70-140	
Acetone	ug/L	100	106	106	50-175	
Benzene	ug/L	50	51.8	104	70-130	
Bromobenzene	ug/L	50	50.4	101	70-130	
Bromochloromethane	ug/L	50	51.7	103	70-130	
Bromodichloromethane	ug/L	50	49.8	100	70-130	
Bromoform	ug/L	50	53.7	107	70-130	
Bromomethane	ug/L	50	44.4	89	54-130	
Carbon tetrachloride	ug/L	50	57.5	115	70-132	
Chlorobenzene	ug/L	50	51.4	103	70-130	
Chloroethane	ug/L	50	49.6	99	64-134	
Chloroform	ug/L	50	46.3	93	70-130	
Chloromethane	ug/L	50	48.2	96	64-130	
cis-1,2-Dichloroethene	ug/L	50	48.8	98	70-131	
cis-1,3-Dichloropropene	ug/L	50	49.3	99	70-130	
Dibromochloromethane	ug/L	50	49.4	99	70-130	
Dibromomethane	ug/L	50	49.9	100	70-131	
Dichlorodifluoromethane	ug/L	50	67.2	134	56-130	F3,L0
Diisopropyl ether	ug/L	50	50.1	100	70-130	
Ethylbenzene	ug/L	50	53.5	107	70-130	
Hexachloro-1,3-butadiene	ug/L	50	64.5	129	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
Methyl-tert-butyl ether	ug/L	50	54.4	109	70-130	
Methylene Chloride	ug/L	50	51.4	103	63-130	
Naphthalene	ug/L	50	61.9	124	70-138	
o-Xylene	ug/L	50	55.1	110	70-130	
p-Isopropyltoluene	ug/L	50	53.0	106	70-130	
Styrene	ug/L	50	52.9	106	70-130	
Tetrachloroethene	ug/L	50	54.0	108	70-130	
Toluene	ug/L	50	52.0	104	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.0	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.0	100	70-132	
Trichloroethene	ug/L	50	52.0	104	70-130	
Trichlorofluoromethane	ug/L	50	51.2	102	62-133	
Vinyl acetate	ug/L	100	95.4	95	66-157	
Vinyl chloride	ug/L	50	62.6	125	50-150	F3
Xylene (Total)	ug/L	150	159	106	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1227315 1227316

Parameter	Units	92205929001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	53.5	53.9	107	108	70-166	1	
Benzene	ug/L	ND	50	50	52.3	53.6	105	107	70-148	2	
Chlorobenzene	ug/L	ND	50	50	51.3	53.2	103	106	70-146	4	
Toluene	ug/L	ND	50	50	48.7	50.0	97	100	70-155	3	
Trichloroethene	ug/L	ND	50	50	52.8	54.1	106	108	69-151	2	
1,2-Dichloroethane-d4 (S)	%						97	96	70-130		
4-Bromofluorobenzene (S)	%						100	99	70-130		
Toluene-d8 (S)	%						98	99	70-130		

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

QC Batch: MSV/27314 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92205929004, 92205929006, 92205929008

METHOD BLANK: 1227385 Matrix: Water
Associated Lab Samples: 92205929004, 92205929006, 92205929008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/23/14 20:31	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/23/14 20:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/23/14 20:31	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/23/14 20:31	
1,1-Dichloroethane	ug/L	ND	1.0	06/23/14 20:31	
1,1-Dichloroethene	ug/L	ND	1.0	06/23/14 20:31	
1,1-Dichloropropene	ug/L	ND	1.0	06/23/14 20:31	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/23/14 20:31	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/23/14 20:31	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/23/14 20:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	06/23/14 20:31	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/23/14 20:31	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/23/14 20:31	
1,2-Dichloroethane	ug/L	ND	1.0	06/23/14 20:31	
1,2-Dichloropropane	ug/L	ND	1.0	06/23/14 20:31	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/23/14 20:31	
1,3-Dichloropropane	ug/L	ND	1.0	06/23/14 20:31	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/23/14 20:31	
2,2-Dichloropropane	ug/L	ND	1.0	06/23/14 20:31	
2-Butanone (MEK)	ug/L	ND	5.0	06/23/14 20:31	
2-Chlorotoluene	ug/L	ND	1.0	06/23/14 20:31	
2-Hexanone	ug/L	ND	5.0	06/23/14 20:31	
4-Chlorotoluene	ug/L	ND	1.0	06/23/14 20:31	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/23/14 20:31	
Acetone	ug/L	ND	25.0	06/23/14 20:31	
Benzene	ug/L	ND	1.0	06/23/14 20:31	
Bromobenzene	ug/L	ND	1.0	06/23/14 20:31	
Bromochloromethane	ug/L	ND	1.0	06/23/14 20:31	
Bromodichloromethane	ug/L	ND	1.0	06/23/14 20:31	
Bromoform	ug/L	ND	1.0	06/23/14 20:31	
Bromomethane	ug/L	ND	2.0	06/23/14 20:31	
Carbon tetrachloride	ug/L	ND	1.0	06/23/14 20:31	
Chlorobenzene	ug/L	ND	1.0	06/23/14 20:31	
Chloroethane	ug/L	ND	1.0	06/23/14 20:31	
Chloroform	ug/L	ND	1.0	06/23/14 20:31	
Chloromethane	ug/L	ND	1.0	06/23/14 20:31	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/23/14 20:31	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/23/14 20:31	
Dibromochloromethane	ug/L	ND	1.0	06/23/14 20:31	
Dibromomethane	ug/L	ND	1.0	06/23/14 20:31	
Dichlorodifluoromethane	ug/L	ND	1.0	06/23/14 20:31	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

METHOD BLANK: 1227385 Matrix: Water
Associated Lab Samples: 92205929004, 92205929006, 92205929008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	06/23/14 20:31	
Ethylbenzene	ug/L	ND	1.0	06/23/14 20:31	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/23/14 20:31	
m&p-Xylene	ug/L	ND	2.0	06/23/14 20:31	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/23/14 20:31	
Methylene Chloride	ug/L	ND	2.0	06/23/14 20:31	
Naphthalene	ug/L	ND	1.0	06/23/14 20:31	
o-Xylene	ug/L	ND	1.0	06/23/14 20:31	
p-Isopropyltoluene	ug/L	ND	1.0	06/23/14 20:31	
Styrene	ug/L	ND	1.0	06/23/14 20:31	
Tetrachloroethene	ug/L	ND	1.0	06/23/14 20:31	
Toluene	ug/L	ND	1.0	06/23/14 20:31	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/23/14 20:31	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/23/14 20:31	
Trichloroethene	ug/L	ND	1.0	06/23/14 20:31	
Trichlorofluoromethane	ug/L	ND	1.0	06/23/14 20:31	
Vinyl acetate	ug/L	ND	2.0	06/23/14 20:31	
Vinyl chloride	ug/L	ND	1.0	06/23/14 20:31	
Xylene (Total)	ug/L	ND	2.0	06/23/14 20:31	
1,2-Dichloroethane-d4 (S)	%	94	70-130	06/23/14 20:31	
4-Bromofluorobenzene (S)	%	97	70-130	06/23/14 20:31	
Toluene-d8 (S)	%	99	70-130	06/23/14 20:31	

LABORATORY CONTROL SAMPLE: 1227386

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.0	108	70-130	
1,1,1-Trichloroethane	ug/L	50	53.5	107	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.7	105	70-130	
1,1,2-Trichloroethane	ug/L	50	54.1	108	70-130	
1,1-Dichloroethane	ug/L	50	51.9	104	70-130	
1,1-Dichloroethene	ug/L	50	58.5	117	70-132	
1,1-Dichloropropene	ug/L	50	55.6	111	70-130	
1,2,3-Trichlorobenzene	ug/L	50	61.4	123	70-135	
1,2,3-Trichloropropane	ug/L	50	54.4	109	70-130	
1,2,4-Trichlorobenzene	ug/L	50	59.7	119	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	55.0	110	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	53.8	108	70-130	
1,2-Dichlorobenzene	ug/L	50	56.5	113	70-130	
1,2-Dichloroethane	ug/L	50	54.1	108	70-130	
1,2-Dichloropropane	ug/L	50	53.4	107	70-130	
1,3-Dichlorobenzene	ug/L	50	55.9	112	70-130	
1,3-Dichloropropane	ug/L	50	53.1	106	70-130	
1,4-Dichlorobenzene	ug/L	50	55.2	110	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

LABORATORY CONTROL SAMPLE: 1227386

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	54.3	109	58-145	
2-Butanone (MEK)	ug/L	100	115	115	70-145	
2-Chlorotoluene	ug/L	50	54.8	110	70-130	
2-Hexanone	ug/L	100	105	105	70-144	
4-Chlorotoluene	ug/L	50	54.0	108	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	110	110	70-140	
Acetone	ug/L	100	103	103	50-175	
Benzene	ug/L	50	54.6	109	70-130	
Bromobenzene	ug/L	50	55.2	110	70-130	
Bromochloromethane	ug/L	50	57.3	115	70-130	
Bromodichloromethane	ug/L	50	54.2	108	70-130	
Bromoform	ug/L	50	54.8	110	70-130	
Bromomethane	ug/L	50	61.9	124	54-130	
Carbon tetrachloride	ug/L	50	54.6	109	70-132	
Chlorobenzene	ug/L	50	51.0	102	70-130	
Chloroethane	ug/L	50	49.7	99	64-134	
Chloroform	ug/L	50	53.9	108	70-130	
Chloromethane	ug/L	50	49.1	98	64-130	
cis-1,2-Dichloroethene	ug/L	50	54.6	109	70-131	
cis-1,3-Dichloropropene	ug/L	50	53.7	107	70-130	
Dibromochloromethane	ug/L	50	52.8	106	70-130	
Dibromomethane	ug/L	50	54.6	109	70-131	
Dichlorodifluoromethane	ug/L	50	48.2	96	56-130	
Diisopropyl ether	ug/L	50	55.8	112	70-130	
Ethylbenzene	ug/L	50	51.6	103	70-130	
Hexachloro-1,3-butadiene	ug/L	50	58.7	117	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
Methyl-tert-butyl ether	ug/L	50	54.7	109	70-130	
Methylene Chloride	ug/L	50	53.9	108	63-130	
Naphthalene	ug/L	50	56.6	113	70-138	
o-Xylene	ug/L	50	53.1	106	70-130	
p-Isopropyltoluene	ug/L	50	55.7	111	70-130	
Styrene	ug/L	50	55.9	112	70-130	
Tetrachloroethene	ug/L	50	53.5	107	70-130	
Toluene	ug/L	50	52.8	106	70-130	
trans-1,2-Dichloroethene	ug/L	50	54.3	109	70-130	
trans-1,3-Dichloropropene	ug/L	50	53.1	106	70-132	
Trichloroethene	ug/L	50	53.0	106	70-130	
Trichlorofluoromethane	ug/L	50	53.3	107	62-133	
Vinyl acetate	ug/L	100	108	108	66-157	
Vinyl chloride	ug/L	50	57.5	115	50-150	
Xylene (Total)	ug/L	150	159	106	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1227808 1227809

Parameter	Units	92206166008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	55.2	50.7	110	101	70-166	8	
Benzene	ug/L	ND	50	50	58.1	51.4	116	103	70-148	12	
Chlorobenzene	ug/L	ND	50	50	57.0	51.5	114	103	70-146	10	
Toluene	ug/L	ND	50	50	54.4	48.4	109	97	70-155	12	
Trichloroethene	ug/L	ND	50	50	59.4	53.6	117	106	69-151	10	
1,2-Dichloroethane-d4 (S)	%						96	96	70-130		
4-Bromofluorobenzene (S)	%						95	96	70-130		
Toluene-d8 (S)	%						99	98	70-130		

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

QC Batch: OEXT/28407 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92205929001, 92205929002, 92205929003, 92205929004, 92205929005, 92205929006, 92205929007, 92205929008, 92205929009, 92205929010, 92205929011

METHOD BLANK: 1226146 Matrix: Water
Associated Lab Samples: 92205929001, 92205929002, 92205929003, 92205929004, 92205929005, 92205929006, 92205929007, 92205929008, 92205929009, 92205929010, 92205929011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	06/23/14 14:29	
4,4'-DDE	ug/L	ND	0.050	06/23/14 14:29	
4,4'-DDT	ug/L	ND	0.050	06/23/14 14:29	
Aldrin	ug/L	ND	0.050	06/23/14 14:29	
alpha-BHC	ug/L	ND	0.050	06/23/14 14:29	
beta-BHC	ug/L	ND	0.050	06/23/14 14:29	
Chlordane (Technical)	ug/L	ND	0.20	06/23/14 14:29	
delta-BHC	ug/L	ND	0.050	06/23/14 14:29	
Dieldrin	ug/L	ND	0.050	06/23/14 14:29	
Endosulfan I	ug/L	ND	0.050	06/23/14 14:29	
Endosulfan II	ug/L	ND	0.050	06/23/14 14:29	
Endosulfan sulfate	ug/L	ND	0.050	06/23/14 14:29	
Endrin	ug/L	ND	0.050	06/23/14 14:29	
Endrin aldehyde	ug/L	ND	0.050	06/23/14 14:29	
Endrin ketone	ug/L	ND	0.050	06/23/14 14:29	
gamma-BHC (Lindane)	ug/L	ND	0.050	06/23/14 14:29	
Heptachlor	ug/L	ND	0.050	06/23/14 14:29	
Heptachlor epoxide	ug/L	ND	0.050	06/23/14 14:29	
Hexachlorobenzene	ug/L	ND	0.050	06/23/14 14:29	
Methoxychlor	ug/L	ND	0.15	06/23/14 14:29	
Mirex	ug/L	ND	0.15	06/23/14 14:29	
Toxaphene	ug/L	ND	0.20	06/23/14 14:29	
Decachlorobiphenyl (S)	%	77	20-130	06/23/14 14:29	
Tetrachloro-m-xylene (S)	%	69	20-130	06/23/14 14:29	

LABORATORY CONTROL SAMPLE: 1226147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.17	67	20-150	
4,4'-DDE	ug/L	.25	0.17	69	20-150	
4,4'-DDT	ug/L	.25	0.19	75	20-150	
Aldrin	ug/L	.25	0.12	50	20-150	
alpha-BHC	ug/L	.25	0.17	69	20-150	
beta-BHC	ug/L	.25	0.18	74	20-150	
delta-BHC	ug/L	.25	0.19	76	20-150	
Dieldrin	ug/L	.25	0.16	63	20-150	
Endosulfan I	ug/L	.25	0.17	67	20-150	
Endosulfan II	ug/L	.25	0.18	72	20-150	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

LABORATORY CONTROL SAMPLE: 1226147

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endosulfan sulfate	ug/L	.25	0.20	81	20-150	
Endrin	ug/L	.25	0.17	70	20-150	
Endrin aldehyde	ug/L	.25	0.18	74	20-150	
Endrin ketone	ug/L	.25	0.20	80	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.17	70	20-150	
Heptachlor	ug/L	.25	0.13	53	20-150	
Heptachlor epoxide	ug/L	.25	0.15	60	20-150	
Hexachlorobenzene	ug/L	.25	0.13	53	20-150	
Methoxychlor	ug/L	.74	0.54	72	20-150	
Mirex	ug/L	.74	0.58	78	20-150	
Decachlorobiphenyl (S)	%			80	20-130	
Tetrachloro-m-xylene (S)	%			67	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1226148 1226149

Parameter	Units	92205757002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4,4'-DDD	ug/L	ND	.5	.5	0.39	0.40	79	82	20-150	3	
4,4'-DDE	ug/L	ND	.5	.5	0.36	0.38	73	77	20-150	6	
4,4'-DDT	ug/L	ND	.5	.5	0.40	0.42	80	86	20-150	6	
Aldrin	ug/L	ND	.5	.5	0.25	0.27	50	54	20-150	9	
alpha-BHC	ug/L	ND	.5	.5	0.27	0.34	55	69	20-150	23	
beta-BHC	ug/L	ND	.5	.5	0.36	0.40	74	80	20-150	8	
delta-BHC	ug/L	ND	.5	.5	0.37	0.41	75	83	20-150	10	
Dieldrin	ug/L	ND	.5	.5	0.36	0.38	72	77	20-150	7	
Endosulfan I	ug/L	ND	.5	.5	0.36	0.39	72	79	20-150	9	
Endosulfan II	ug/L	ND	.5	.5	0.39	0.42	79	85	20-150	8	
Endosulfan sulfate	ug/L	ND	.5	.5	0.43	0.45	87	91	20-150	4	
Endrin	ug/L	ND	.5	.5	0.40	0.43	80	88	20-150	9	
Endrin aldehyde	ug/L	ND	.5	.5	0.38	0.41	76	83	20-150	9	
Endrin ketone	ug/L	ND	.5	.5	0.42	0.43	85	87	20-150	3	
gamma-BHC (Lindane)	ug/L	ND	.5	.5	0.29	0.35	58	71	20-150	20	
Heptachlor	ug/L	ND	.5	.5	0.27	0.31	54	62	20-150	14	
Heptachlor epoxide	ug/L	ND	.5	.5	0.32	0.36	65	72	20-150	11	
Hexachlorobenzene	ug/L	ND	.5	.5	0.25	0.29	50	59	20-150	17	
Methoxychlor	ug/L	ND	1.5	1.5	1.3	1.3	86	87	20-150	1	
Mirex	ug/L	ND	1.5	1.5	1.1	1.2	74	80	20-150	8	
Decachlorobiphenyl (S)	%						44	46	20-130		
Tetrachloro-m-xylene (S)	%						51	64	20-130		

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

QC Batch: PMST/6724 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92205929013, 92205929014, 92205929015

SAMPLE DUPLICATE: 1225795

Parameter	Units	92206077001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	19.7	19.7	0	

SAMPLE DUPLICATE: 1225796

Parameter	Units	92206104003 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	17.5	16.7	5	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

QC Batch: WETA/23815 Analysis Method: EPA 9060 Modified
QC Batch Method: EPA 9060 Modified Analysis Description: 9060 TOC Average
Associated Lab Samples: 92205929013, 92205929014, 92205929015

METHOD BLANK: 994674 Matrix: Solid
Associated Lab Samples:

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/kg	ND	600	06/25/14 10:06	

LABORATORY CONTROL SAMPLE: 994675

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/kg	120000	107000	89	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 994676 994677

Parameter	Units	92205929013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mean Total Organic Carbon	mg/kg	1540	7110	7110	8290	7500	95	84	50-150	10	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

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

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte
PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

F3	The recovery of the second source standard used to verify the initial calibration curve for this analyte is outside the laboratory's control limits. The result is estimated.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: LEGION INDUSTRIES 6121-09-0444
Pace Project No.: 92205929

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92205929001	**MW-9**	EPA 3510	OEXT/28407	EPA 8081	GCSV/17999
92205929002	**MW-3**	EPA 3510	OEXT/28407	EPA 8081	GCSV/17999
92205929003	**MW-5**	EPA 3510	OEXT/28407	EPA 8081	GCSV/17999
92205929004	**MW-13**	EPA 3510	OEXT/28407	EPA 8081	GCSV/17999
92205929005	**PZ-2**	EPA 3510	OEXT/28407	EPA 8081	GCSV/17999
92205929006	**MW-4**	EPA 3510	OEXT/28407	EPA 8081	GCSV/17999
92205929007	**MW-12**	EPA 3510	OEXT/28407	EPA 8081	GCSV/17999
92205929008	**DUP-1**	EPA 3510	OEXT/28407	EPA 8081	GCSV/17999
92205929009	**MW-2**	EPA 3510	OEXT/28407	EPA 8081	GCSV/17999
92205929010	**MW-1**	EPA 3510	OEXT/28407	EPA 8081	GCSV/17999
92205929011	**MW-7**	EPA 3510	OEXT/28407	EPA 8081	GCSV/17999
92205929001	**MW-9**	EPA 8260	MSV/27287		
92205929002	**MW-3**	EPA 8260	MSV/27287		
92205929003	**MW-5**	EPA 8260	MSV/27287		
92205929004	**MW-13**	EPA 8260	MSV/27314		
92205929005	**PZ-2**	EPA 8260	MSV/27287		
92205929006	**MW-4**	EPA 8260	MSV/27314		
92205929007	**MW-12**	EPA 8260	MSV/27287		
92205929008	**DUP-1**	EPA 8260	MSV/27314		
92205929009	**MW-2**	EPA 8260	MSV/27287		
92205929010	**MW-1**	EPA 8260	MSV/27287		
92205929011	**MW-7**	EPA 8260	MSV/27287		
92205929012	**TRIP BLANK**	EPA 8260	MSV/27287		
92205929013	**MW-14-2-3'**	ASTM D2974-87	PMST/6724		
92205929014	**MW-16-1-2'**	ASTM D2974-87	PMST/6724		
92205929015	**MW-17-6-7'**	ASTM D2974-87	PMST/6724		
92205929013	**MW-14-2-3'**	EPA 9060 Modified	WETA/23815		
92205929013	**MW-14-2-3'**	EPA 9060 Modified	WETA/23816		
92205929014	**MW-16-1-2'**	EPA 9060 Modified	WETA/23815		
92205929014	**MW-16-1-2'**	EPA 9060 Modified	WETA/23816		
92205929015	**MW-17-6-7'**	EPA 9060 Modified	WETA/23815		
92205929015	**MW-17-6-7'**	EPA 9060 Modified	WETA/23816		

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Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: AMEC

Courier (Circle): Fed Ex UPS USPS Client Commercial (Pace) Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

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

Thermometer Used: (IR Gun#3 -130265963) **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.0 C

Corrected Cooler Temp.: 2.9 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: RPB 6/18/14

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT/SL		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	
Samples checked for dechlorination:	☑Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted:_____ Date/Time:_____

Comments/ Resolution:_____

SCURF Review: JD Date: 6/18/14

SRF Review: JD Date: 6/19/14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

WO# : 92205929

92205929

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of 1785890

Section A Required Client Information:

Company: AMEC E&I
Address: 2677 Bufford Hwy
Atlanta GA 30324
Email To: Steve.Foley@amec.com
Phone: 404-978-0152 Fax:
Requested Due Date/TAT: 1 week

Section B Required Project Information:

Report To: Steve Foley
Copy To:
Purchase Order No.:
Project Name: LEC10.1 Industries
Project Number: 6121-09-0444

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY: NPDES, GROUND WATER, DRINKING WATER, UST, RCRA, OTHER X

Site Location STATE: GA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: VOC 8260B	Pesticides 8081A	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-9	WT	G			6/6/14	1230		5	2			3					X	X		001
2	MW-3					6/6/14	1420														002
3	MW-5					6/7/14	0730														003
4	MW-13						0920														004
5	PZ-2						1055														005
6	MW-4						1430														006
7	MW-12						1535														007
8	Dup-1						1540														008
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[signature] AMEC	6/6/14	0700	[signature]	6/6/14	0700	
	[signature]	6/8/14	1635	[signature]	6/8/14	1635	29 4 N 4
							29 4 N 4 RPB

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Paul Grand

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 6/17/14

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: AMEC

Courier (Circle): Fed Ex UPS USPS (Client) Commercial Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

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

Thermometer Used: IR Gun#3 -130265963 **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.0 C

Corrected Cooler Temp.: 2.9 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C **Comments:**

Date and Initials of person examining contents: RDB 6/18/14

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	
Samples checked for dechlorination:	☑Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted:_____ Date/Time:_____

Comments/ Resolution:_____

SCURF Review: [illegible] **Date:** 6/18/14

SRF Review: [illegible] **Date:** 6/19/14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Place label here

92205929 OR

Handwrite project number (if no label available)

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of

1785861

Section A Required Client Information:

Company: AMEC E&I
Address: 2677 Buford Hwy
Atlanta, GA 30324
Email To: Steve.Foley@Amec.com
Phone: 404-817-0152 Fax:
Requested Due Date/TAT: 1 Week

Section B Required Project Information:

Report To: Steve Foley
Copy To:
Purchase Order No.:
Project Name: Legion Industries
Project Number: 6121-09-0444

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER
UST | RCRA | X OTHER

Site Location STATE: GA

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): VOCs 8260 – N; Pesticides (8081) – N; Total Organic Carbon – N

Pace Project No./ Lab I.D.: 9205929

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOCs 8260	Pesticides (8081)	Total Organic Carbon	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2	WT	G			6/16/14	1350		5	2			3					X	X			009
2	MW-1	WT	G			6/16/14	1415		5	2			3					X	X			010
3	MW-7	WT	G			6/17/14	0915		5	2			3					X	X			011
4	~~Form~~ MW-14-2-3	SL	G			6/17/14	1105		1	1										X		013
5	MW-16-2-2'	SL	G			6/17/14	1410		1	1										X		014
6	MW-17-6-7'	SL	G			6/17/14	1520		1	1										X		015
7	TRIP BLANK	WT	G						2				2					X				012
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	[signature]	6/17/14	1700	[signature]	6/17/14	1700				
	[signature]	6/18/14	0700	[signature]	6/18/14	[illegible]				
	[signature]	6/18/14	1635	[signature]	6/18/14	1635	2.9	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Stephen R. Foley

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 6/17/14

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 30, 2014

Steve Foley
AMEC Environment & Infrastruct
396 Plasters Avenue
Atlanta, GA 30324

RE: Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Dear Steve Foley:
Enclosed are the analytical results for sample(s) received by the laboratory on June 20, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

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

Sincerely,

Kevin Godwin
kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Chuck Ferry, AMEC Environment & Infrastruct

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CERTIFICATIONS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92206286001	**MW6**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92206286002	**MW11**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92206286003	**MW10**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92206286004	**MW16**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92206286005	**MW17**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92206286006	**MW15**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92206286007	**MW14**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92206286008	**MW18**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92206286009	**MW14**	EPA 8081	RES	24	PASI-C
		EPA 8260	MCK	63	PASI-C
92206286010	**TRIP BLANK**	EPA 8260	MCK	63	PASI-C

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SUMMARY OF DETECTION

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92206286001	**MW6**					
EPA 8260	cis-1,2-Dichloroethene	3.1	ug/L	1.0	06/25/14 23:45	
EPA 8260	Trichloroethene	2.0	ug/L	1.0	06/25/14 23:45	
92206286002	**MW11**					
EPA 8081	alpha-BHC	0.79	ug/L	0.50	06/29/14 14:18	
EPA 8081	delta-BHC	0.79	ug/L	0.50	06/29/14 14:18	
EPA 8081	Dieldrin	1.3	ug/L	0.50	06/29/14 14:18	
EPA 8081	Endrin ketone	3.0	ug/L	0.50	06/29/14 14:18	
EPA 8260	Naphthalene	1.0	ug/L	1.0	06/26/14 00:01	
92206286004	**MW16**					
EPA 8081	beta-BHC	0.48	ug/L	0.25	06/29/14 14:35	
EPA 8081	delta-BHC	2.4	ug/L	0.25	06/29/14 14:35	
EPA 8260	Benzene	10	ug/L	1.0	06/26/14 00:33	
EPA 8260	Chlorobenzene	45.3	ug/L	1.0	06/26/14 00:33	
EPA 8260	1,4-Dichlorobenzene	5.9	ug/L	1.0	06/26/14 00:33	
EPA 8260	cis-1,2-Dichloroethene	1.4	ug/L	1.0	06/26/14 00:33	
EPA 8260	Ethylbenzene	657	ug/L	10.0	06/26/14 22:17	
EPA 8260	Naphthalene	174	ug/L	1.0	06/26/14 00:33	
EPA 8260	Toluene	4.2	ug/L	1.0	06/26/14 00:33	
EPA 8260	Vinyl chloride	46.9	ug/L	1.0	06/26/14 00:33	
EPA 8260	Xylene (Total)	928	ug/L	20.0	06/26/14 22:17	
EPA 8260	m&p-Xylene	920	ug/L	20.0	06/26/14 22:17	
EPA 8260	o-Xylene	8.1	ug/L	1.0	06/26/14 00:33	
92206286005	**MW17**					
EPA 8081	alpha-BHC	0.21	ug/L	0.10	06/29/14 14:53	
EPA 8081	beta-BHC	1.0	ug/L	0.10	06/29/14 14:53	
EPA 8081	delta-BHC	0.45	ug/L	0.10	06/29/14 14:53	
EPA 8081	Dieldrin	0.22	ug/L	0.10	06/29/14 14:53	
EPA 8081	Endrin	0.28	ug/L	0.10	06/29/14 14:53	
EPA 8081	Endrin ketone	0.26	ug/L	0.10	06/29/14 14:53	
EPA 8260	cis-1,2-Dichloroethene	803	ug/L	5.0	06/27/14 00:27	
EPA 8260	Naphthalene	6.1	ug/L	5.0	06/27/14 00:27	
EPA 8260	Trichloroethene	926	ug/L	5.0	06/27/14 00:27	
EPA 8260	Vinyl chloride	33.0	ug/L	5.0	06/27/14 00:27	
92206286006	**MW15**					
EPA 8260	Chloroform	1.1	ug/L	1.0	06/27/14 00:43	
EPA 8260	cis-1,2-Dichloroethene	1.0	ug/L	1.0	06/27/14 00:43	
92206286007	**MW14**					
EPA 8260	cis-1,2-Dichloroethene	1.6	ug/L	1.0	06/26/14 01:22	
92206286008	**MW18**					
EPA 8081	alpha-BHC	0.40	ug/L	0.25	06/29/14 15:10	
EPA 8081	beta-BHC	1.9	ug/L	0.25	06/29/14 15:10	
EPA 8081	delta-BHC	1.2	ug/L	0.25	06/29/14 15:10	
EPA 8081	gamma-BHC (Lindane)	1.1	ug/L	0.25	06/29/14 15:10	
EPA 8081	Endrin	1.2	ug/L	0.25	06/29/14 15:10	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

SUMMARY OF DETECTION

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92206286008	**MW18**					
EPA 8081	Endrin ketone	1.8	ug/L	0.25	06/29/14 15:10	
EPA 8260	Benzene	4.1	ug/L	1.0	06/26/14 01:38	
EPA 8260	Chlorobenzene	15.4	ug/L	1.0	06/26/14 01:38	
EPA 8260	1,2-Dichlorobenzene	3.2	ug/L	1.0	06/26/14 01:38	
EPA 8260	1,3-Dichlorobenzene	1.0	ug/L	1.0	06/26/14 01:38	
EPA 8260	1,4-Dichlorobenzene	11.5	ug/L	1.0	06/26/14 01:38	
EPA 8260	1,1-Dichloroethane	4.0	ug/L	1.0	06/26/14 01:38	
EPA 8260	1,1-Dichloroethene	1.7	ug/L	1.0	06/26/14 01:38	
EPA 8260	cis-1,2-Dichloroethene	2530	ug/L	100	06/26/14 22:33	
EPA 8260	trans-1,2-Dichloroethene	3.6	ug/L	1.0	06/26/14 01:38	
EPA 8260	Methylene Chloride	5.4	ug/L	2.0	06/26/14 01:38	
EPA 8260	Naphthalene	3.5	ug/L	1.0	06/26/14 01:38	
EPA 8260	Tetrachloroethene	3.5	ug/L	1.0	06/26/14 01:38	
EPA 8260	1,2,4-Trichlorobenzene	7.7	ug/L	1.0	06/26/14 01:38	
EPA 8260	1,1,2-Trichloroethane	1.6	ug/L	1.0	06/26/14 01:38	
EPA 8260	Trichloroethene	3220	ug/L	100	06/26/14 22:33	
EPA 8260	Vinyl chloride	181	ug/L	100	06/26/14 22:33	
EPA 8260	Xylene (Total)	2.4	ug/L	2.0	06/26/14 01:38	
EPA 8260	o-Xylene	2.4	ug/L	1.0	06/26/14 01:38	
92206286009	**MW14**					
EPA 8081	beta-BHC	1.6	ug/L	1.0	06/29/14 15:28	
EPA 8081	delta-BHC	1.3	ug/L	1.0	06/29/14 15:28	
EPA 8081	gamma-BHC (Lindane)	1.2	ug/L	1.0	06/29/14 15:28	
EPA 8081	4,4'-DDD	4.9	ug/L	1.0	06/29/14 15:28	
EPA 8081	4,4'-DDT	1.6	ug/L	1.0	06/29/14 15:28	
EPA 8081	Dieldrin	5.4	ug/L	1.0	06/29/14 15:28	
EPA 8081	Endrin	5.1	ug/L	1.0	06/29/14 15:28	
EPA 8081	Endrin ketone	4.4	ug/L	1.0	06/29/14 15:28	
EPA 8260	cis-1,2-Dichloroethene	127	ug/L	1.0	06/26/14 01:54	
EPA 8260	Ethylbenzene	311	ug/L	20.0	06/26/14 22:49	
EPA 8260	p-Isopropyltoluene	1.2	ug/L	1.0	06/26/14 01:54	
EPA 8260	Naphthalene	10.0	ug/L	1.0	06/26/14 01:54	
EPA 8260	Toluene	12.1	ug/L	1.0	06/26/14 01:54	
EPA 8260	Trichloroethene	62.3	ug/L	1.0	06/26/14 01:54	
EPA 8260	Vinyl chloride	5.1	ug/L	1.0	06/26/14 01:54	
EPA 8260	Xylene (Total)	2120	ug/L	40.0	06/26/14 22:49	
EPA 8260	m&p-Xylene	1690	ug/L	40.0	06/26/14 22:49	
EPA 8260	o-Xylene	423	ug/L	20.0	06/26/14 22:49	

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PROJECT NARRATIVE

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Method: **EPA 8081**
Description: 8081 Organochlorine Pesticides
Client: AMEC Environment & Infrastructure
Date: June 30, 2014

General Information:
9 samples were analyzed for EPA 8081. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/28428

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- MW11 (Lab ID: 92206286002)
  - Tetrachloro-m-xylene (S)
- MW14 (Lab ID: 92206286009)
  - Tetrachloro-m-xylene (S)
- MW16 (Lab ID: 92206286004)
  - Tetrachloro-m-xylene (S)
- MW18 (Lab ID: 92206286008)
  - Tetrachloro-m-xylene (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: AMEC Environment & Infrastructure
Date: June 30, 2014

General Information:
10 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/27357

L3: Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

- LCS (Lab ID: 1230087)
  - Bromomethane
  - Chloromethane
  - Dichlorodifluoromethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW6 **Lab ID: 92206286001** Collected: 06/18/14 12:00 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	319-84-6	
beta-BHC	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	319-85-7	
delta-BHC	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/21/14 11:23	06/27/14 00:19	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	50-29-3	
Dieldrin	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:19	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/21/14 11:23	06/27/14 00:19	72-43-5	
Mirex	ND	ug/L	0.15	1	06/21/14 11:23	06/27/14 00:19	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/21/14 11:23	06/27/14 00:19	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	28	%	20-130	1	06/21/14 11:23	06/27/14 00:19	877-09-8	
Decachlorobiphenyl (S)	56	%	20-130	1	06/21/14 11:23	06/27/14 00:19	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/25/14 23:45	67-64-1	
Benzene	ND	ug/L	1.0	1		06/25/14 23:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/25/14 23:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/25/14 23:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/25/14 23:45	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/25/14 23:45	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/25/14 23:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/25/14 23:45	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/25/14 23:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/25/14 23:45	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/25/14 23:45	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/25/14 23:45	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/25/14 23:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/25/14 23:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/25/14 23:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/25/14 23:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/25/14 23:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/25/14 23:45	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/25/14 23:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/25/14 23:45	95-50-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW6 **Lab ID: 92206286001** Collected: 06/18/14 12:00 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/25/14 23:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/25/14 23:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/25/14 23:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/25/14 23:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/25/14 23:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/25/14 23:45	75-35-4	
cis-1,2-Dichloroethene	**3.1**	ug/L	1.0	1		06/25/14 23:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/25/14 23:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/25/14 23:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/25/14 23:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/25/14 23:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/25/14 23:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/25/14 23:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/25/14 23:45	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/25/14 23:45	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/25/14 23:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/25/14 23:45	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/25/14 23:45	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/25/14 23:45	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/25/14 23:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/25/14 23:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/25/14 23:45	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/25/14 23:45	91-20-3	
Styrene	ND	ug/L	1.0	1		06/25/14 23:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/25/14 23:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/25/14 23:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/25/14 23:45	127-18-4	
Toluene	ND	ug/L	1.0	1		06/25/14 23:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/25/14 23:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/25/14 23:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/25/14 23:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/25/14 23:45	79-00-5	
Trichloroethene	**2.0**	ug/L	1.0	1		06/25/14 23:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/25/14 23:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/25/14 23:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/25/14 23:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/25/14 23:45	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/25/14 23:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/25/14 23:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/25/14 23:45	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		06/25/14 23:45	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		06/25/14 23:45	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		06/25/14 23:45	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW11 **Lab ID: 92206286002** Collected: 06/18/14 10:05 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	309-00-2	
alpha-BHC	**0.79**	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	319-84-6	
beta-BHC	ND	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	319-85-7	
delta-BHC	**0.79**	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	58-89-9	
Chlordane (Technical)	ND	ug/L	2.0	10	06/21/14 11:23	06/29/14 14:18	57-74-9	
4,4'-DDD	ND	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	72-54-8	
4,4'-DDE	ND	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	72-55-9	
4,4'-DDT	ND	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	50-29-3	
Dieldrin	**1.3**	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	60-57-1	
Endosulfan I	ND	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	959-98-8	
Endosulfan II	ND	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	1031-07-8	
Endrin	ND	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	72-20-8	
Endrin aldehyde	ND	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	7421-93-4	
Endrin ketone	**3.0**	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	53494-70-5	
Heptachlor	ND	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	76-44-8	
Heptachlor epoxide	ND	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.50	10	06/21/14 11:23	06/29/14 14:18	118-74-1	
Methoxychlor	ND	ug/L	1.5	10	06/21/14 11:23	06/29/14 14:18	72-43-5	
Mirex	ND	ug/L	1.5	10	06/21/14 11:23	06/29/14 14:18	2385-85-5	
Toxaphene	ND	ug/L	2.0	10	06/21/14 11:23	06/29/14 14:18	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	10	06/21/14 11:23	06/29/14 14:18	877-09-8	S4
Decachlorobiphenyl (S)	0	%	20-130	10	06/21/14 11:23	06/29/14 14:18	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/26/14 00:01	67-64-1	
Benzene	ND	ug/L	1.0	1		06/26/14 00:01	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/26/14 00:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/26/14 00:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/26/14 00:01	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/26/14 00:01	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/26/14 00:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/26/14 00:01	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/26/14 00:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/26/14 00:01	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/26/14 00:01	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/26/14 00:01	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/26/14 00:01	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/26/14 00:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/26/14 00:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/26/14 00:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/26/14 00:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/26/14 00:01	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/26/14 00:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 00:01	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW11 **Lab ID: 92206286002** Collected: 06/18/14 10:05 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 00:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 00:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/26/14 00:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/26/14 00:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/26/14 00:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/26/14 00:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/26/14 00:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/26/14 00:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/26/14 00:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/26/14 00:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/26/14 00:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/26/14 00:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/26/14 00:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/26/14 00:01	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/26/14 00:01	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/26/14 00:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/26/14 00:01	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/26/14 00:01	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/26/14 00:01	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/26/14 00:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/26/14 00:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/26/14 00:01	1634-04-4	
Naphthalene	**1.0**	ug/L	1.0	1		06/26/14 00:01	91-20-3	
Styrene	ND	ug/L	1.0	1		06/26/14 00:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/26/14 00:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/26/14 00:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/26/14 00:01	127-18-4	
Toluene	ND	ug/L	1.0	1		06/26/14 00:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/26/14 00:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/26/14 00:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/26/14 00:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/26/14 00:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/26/14 00:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/26/14 00:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/26/14 00:01	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/26/14 00:01	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/26/14 00:01	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/26/14 00:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/26/14 00:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/26/14 00:01	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		06/26/14 00:01	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		06/26/14 00:01	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		06/26/14 00:01	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW10 **Lab ID: 92206286003** Collected: 06/18/14 16:00 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	319-84-6	
beta-BHC	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	319-85-7	
delta-BHC	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/21/14 11:23	06/27/14 00:54	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	50-29-3	
Dieldrin	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 00:54	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/21/14 11:23	06/27/14 00:54	72-43-5	
Mirex	ND	ug/L	0.15	1	06/21/14 11:23	06/27/14 00:54	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/21/14 11:23	06/27/14 00:54	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	36	%	20-130	1	06/21/14 11:23	06/27/14 00:54	877-09-8	
Decachlorobiphenyl (S)	64	%	20-130	1	06/21/14 11:23	06/27/14 00:54	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/26/14 00:17	67-64-1	
Benzene	ND	ug/L	1.0	1		06/26/14 00:17	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/26/14 00:17	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/26/14 00:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/26/14 00:17	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/26/14 00:17	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/26/14 00:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/26/14 00:17	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/26/14 00:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/26/14 00:17	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/26/14 00:17	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/26/14 00:17	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/26/14 00:17	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/26/14 00:17	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/26/14 00:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/26/14 00:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/26/14 00:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/26/14 00:17	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/26/14 00:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 00:17	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW10 **Lab ID: 92206286003** Collected: 06/18/14 16:00 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 00:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 00:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/26/14 00:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/26/14 00:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/26/14 00:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/26/14 00:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/26/14 00:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/26/14 00:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/26/14 00:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/26/14 00:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/26/14 00:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/26/14 00:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/26/14 00:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/26/14 00:17	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/26/14 00:17	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/26/14 00:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/26/14 00:17	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/26/14 00:17	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/26/14 00:17	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/26/14 00:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/26/14 00:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/26/14 00:17	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/26/14 00:17	91-20-3	
Styrene	ND	ug/L	1.0	1		06/26/14 00:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/26/14 00:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/26/14 00:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/26/14 00:17	127-18-4	
Toluene	ND	ug/L	1.0	1		06/26/14 00:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/26/14 00:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/26/14 00:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/26/14 00:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/26/14 00:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/26/14 00:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/26/14 00:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/26/14 00:17	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/26/14 00:17	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/26/14 00:17	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/26/14 00:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/26/14 00:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/26/14 00:17	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		06/26/14 00:17	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		06/26/14 00:17	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		06/26/14 00:17	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW16 **Lab ID: 92206286004** Collected: 06/18/14 13:25 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	309-00-2	
alpha-BHC	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	319-84-6	
beta-BHC	**0.48**	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	319-85-7	
delta-BHC	**2.4**	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	58-89-9	
Chlordane (Technical)	ND	ug/L	1.0	5	06/21/14 11:23	06/29/14 14:35	57-74-9	
4,4'-DDD	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	72-54-8	
4,4'-DDE	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	72-55-9	
4,4'-DDT	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	50-29-3	
Dieldrin	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	60-57-1	
Endosulfan I	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	959-98-8	
Endosulfan II	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	1031-07-8	
Endrin	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	72-20-8	
Endrin aldehyde	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	7421-93-4	
Endrin ketone	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	53494-70-5	
Heptachlor	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	76-44-8	
Heptachlor epoxide	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 14:35	118-74-1	
Methoxychlor	ND	ug/L	0.75	5	06/21/14 11:23	06/29/14 14:35	72-43-5	
Mirex	ND	ug/L	0.75	5	06/21/14 11:23	06/29/14 14:35	2385-85-5	
Toxaphene	ND	ug/L	1.0	5	06/21/14 11:23	06/29/14 14:35	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	5	06/21/14 11:23	06/29/14 14:35	877-09-8	S4
Decachlorobiphenyl (S)	0	%	20-130	5	06/21/14 11:23	06/29/14 14:35	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/26/14 00:33	67-64-1	
Benzene	**10**	ug/L	1.0	1		06/26/14 00:33	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/26/14 00:33	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/26/14 00:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/26/14 00:33	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/26/14 00:33	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/26/14 00:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/26/14 00:33	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/26/14 00:33	56-23-5	
Chlorobenzene	**45.3**	ug/L	1.0	1		06/26/14 00:33	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/26/14 00:33	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/26/14 00:33	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/26/14 00:33	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/26/14 00:33	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/26/14 00:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/26/14 00:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/26/14 00:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/26/14 00:33	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/26/14 00:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 00:33	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW16 **Lab ID: 92206286004** Collected: 06/18/14 13:25 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 00:33	541-73-1	
1,4-Dichlorobenzene	**5.9**	ug/L	1.0	1		06/26/14 00:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/26/14 00:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/26/14 00:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/26/14 00:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/26/14 00:33	75-35-4	
cis-1,2-Dichloroethene	**1.4**	ug/L	1.0	1		06/26/14 00:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/26/14 00:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/26/14 00:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/26/14 00:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/26/14 00:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/26/14 00:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/26/14 00:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/26/14 00:33	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/26/14 00:33	108-20-3	
Ethylbenzene	**657**	ug/L	10.0	10		06/26/14 22:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/26/14 00:33	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/26/14 00:33	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/26/14 00:33	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/26/14 00:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/26/14 00:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/26/14 00:33	1634-04-4	
Naphthalene	**174**	ug/L	1.0	1		06/26/14 00:33	91-20-3	
Styrene	ND	ug/L	1.0	1		06/26/14 00:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/26/14 00:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/26/14 00:33	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/26/14 00:33	127-18-4	
Toluene	**4.2**	ug/L	1.0	1		06/26/14 00:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/26/14 00:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/26/14 00:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/26/14 00:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/26/14 00:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/26/14 00:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/26/14 00:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/26/14 00:33	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/26/14 00:33	108-05-4	
Vinyl chloride	**46.9**	ug/L	1.0	1		06/26/14 00:33	75-01-4	
Xylene (Total)	**928**	ug/L	20.0	10		06/26/14 22:17	1330-20-7	
m&p-Xylene	**920**	ug/L	20.0	10		06/26/14 22:17	179601-23-1	
o-Xylene	**8.1**	ug/L	1.0	1		06/26/14 00:33	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		06/26/14 00:33	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		06/26/14 00:33	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		06/26/14 00:33	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW17 **Lab ID: 92206286005** Collected: 06/18/14 15:25 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	309-00-2	
alpha-BHC	**0.21**	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	319-84-6	
beta-BHC	**1.0**	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	319-85-7	
delta-BHC	**0.45**	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	58-89-9	
Chlordane (Technical)	ND	ug/L	0.40	2	06/21/14 11:23	06/29/14 14:53	57-74-9	
4,4'-DDD	ND	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	72-54-8	
4,4'-DDE	ND	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	72-55-9	
4,4'-DDT	ND	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	50-29-3	
Dieldrin	**0.22**	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	60-57-1	
Endosulfan I	ND	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	959-98-8	
Endosulfan II	ND	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	1031-07-8	
Endrin	**0.28**	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	72-20-8	
Endrin aldehyde	ND	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	7421-93-4	
Endrin ketone	**0.26**	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	53494-70-5	
Heptachlor	ND	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	76-44-8	
Heptachlor epoxide	ND	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.10	2	06/21/14 11:23	06/29/14 14:53	118-74-1	
Methoxychlor	ND	ug/L	0.30	2	06/21/14 11:23	06/29/14 14:53	72-43-5	
Mirex	ND	ug/L	0.30	2	06/21/14 11:23	06/29/14 14:53	2385-85-5	
Toxaphene	ND	ug/L	0.40	2	06/21/14 11:23	06/29/14 14:53	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	39	%	20-130	2	06/21/14 11:23	06/29/14 14:53	877-09-8	
Decachlorobiphenyl (S)	54	%	20-130	2	06/21/14 11:23	06/29/14 14:53	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	125	5		06/27/14 00:27	67-64-1	
Benzene	ND	ug/L	5.0	5		06/27/14 00:27	71-43-2	
Bromobenzene	ND	ug/L	5.0	5		06/27/14 00:27	108-86-1	
Bromochloromethane	ND	ug/L	5.0	5		06/27/14 00:27	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	5		06/27/14 00:27	75-27-4	
Bromoform	ND	ug/L	5.0	5		06/27/14 00:27	75-25-2	
Bromomethane	ND	ug/L	10.0	5		06/27/14 00:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	5		06/27/14 00:27	78-93-3	
Carbon tetrachloride	ND	ug/L	5.0	5		06/27/14 00:27	56-23-5	
Chlorobenzene	ND	ug/L	5.0	5		06/27/14 00:27	108-90-7	
Chloroethane	ND	ug/L	5.0	5		06/27/14 00:27	75-00-3	
Chloroform	ND	ug/L	5.0	5		06/27/14 00:27	67-66-3	
Chloromethane	ND	ug/L	5.0	5		06/27/14 00:27	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	5		06/27/14 00:27	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	5		06/27/14 00:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	5		06/27/14 00:27	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	5		06/27/14 00:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	5		06/27/14 00:27	106-93-4	
Dibromomethane	ND	ug/L	5.0	5		06/27/14 00:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	5		06/27/14 00:27	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW17 **Lab ID: 92206286005** Collected: 06/18/14 15:25 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	5.0	5		06/27/14 00:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	5		06/27/14 00:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	5		06/27/14 00:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	5		06/27/14 00:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	5		06/27/14 00:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	5		06/27/14 00:27	75-35-4	
cis-1,2-Dichloroethene	**803**	ug/L	5.0	5		06/27/14 00:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	5		06/27/14 00:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	5		06/27/14 00:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	5		06/27/14 00:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	5		06/27/14 00:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	5		06/27/14 00:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	5		06/27/14 00:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	5		06/27/14 00:27	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	5		06/27/14 00:27	108-20-3	
Ethylbenzene	ND	ug/L	5.0	5		06/27/14 00:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	5		06/27/14 00:27	87-68-3	
2-Hexanone	ND	ug/L	25.0	5		06/27/14 00:27	591-78-6	
p-Isopropyltoluene	ND	ug/L	5.0	5		06/27/14 00:27	99-87-6	
Methylene Chloride	ND	ug/L	10.0	5		06/27/14 00:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	5		06/27/14 00:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	5		06/27/14 00:27	1634-04-4	
Naphthalene	**6.1**	ug/L	5.0	5		06/27/14 00:27	91-20-3	
Styrene	ND	ug/L	5.0	5		06/27/14 00:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	5		06/27/14 00:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	5		06/27/14 00:27	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	5		06/27/14 00:27	127-18-4	
Toluene	ND	ug/L	5.0	5		06/27/14 00:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	5		06/27/14 00:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	5		06/27/14 00:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	5		06/27/14 00:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	5		06/27/14 00:27	79-00-5	
Trichloroethene	**926**	ug/L	5.0	5		06/27/14 00:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	5		06/27/14 00:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	5		06/27/14 00:27	96-18-4	
Vinyl acetate	ND	ug/L	10.0	5		06/27/14 00:27	108-05-4	
Vinyl chloride	**33.0**	ug/L	5.0	5		06/27/14 00:27	75-01-4	
Xylene (Total)	ND	ug/L	10.0	5		06/27/14 00:27	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	5		06/27/14 00:27	179601-23-1	
o-Xylene	ND	ug/L	5.0	5		06/27/14 00:27	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	5		06/27/14 00:27	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130	5		06/27/14 00:27	17060-07-0	
Toluene-d8 (S)	99	%	70-130	5		06/27/14 00:27	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW15 **Lab ID: 92206286006** Collected: 06/18/14 14:40 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	319-84-6	
beta-BHC	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	319-85-7	
delta-BHC	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/21/14 11:23	06/27/14 02:58	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	50-29-3	
Dieldrin	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 02:58	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/21/14 11:23	06/27/14 02:58	72-43-5	
Mirex	ND	ug/L	0.15	1	06/21/14 11:23	06/27/14 02:58	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/21/14 11:23	06/27/14 02:58	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	40	%	20-130	1	06/21/14 11:23	06/27/14 02:58	877-09-8	
Decachlorobiphenyl (S)	80	%	20-130	1	06/21/14 11:23	06/27/14 02:58	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/27/14 00:43	67-64-1	
Benzene	ND	ug/L	1.0	1		06/27/14 00:43	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/27/14 00:43	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/27/14 00:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/27/14 00:43	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/27/14 00:43	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/27/14 00:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/27/14 00:43	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/27/14 00:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/27/14 00:43	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/27/14 00:43	75-00-3	
Chloroform	**1.1**	ug/L	1.0	1		06/27/14 00:43	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/27/14 00:43	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/27/14 00:43	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/27/14 00:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/27/14 00:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/27/14 00:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/27/14 00:43	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/27/14 00:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/27/14 00:43	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW15 **Lab ID: 92206286006** Collected: 06/18/14 14:40 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/27/14 00:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/27/14 00:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/27/14 00:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/27/14 00:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/27/14 00:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/27/14 00:43	75-35-4	
cis-1,2-Dichloroethene	**1.0**	ug/L	1.0	1		06/27/14 00:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/27/14 00:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/27/14 00:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/27/14 00:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/27/14 00:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/27/14 00:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/14 00:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/27/14 00:43	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/27/14 00:43	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/27/14 00:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/27/14 00:43	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/27/14 00:43	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/27/14 00:43	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/27/14 00:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/27/14 00:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/27/14 00:43	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/27/14 00:43	91-20-3	
Styrene	ND	ug/L	1.0	1		06/27/14 00:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/14 00:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/27/14 00:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/27/14 00:43	127-18-4	
Toluene	ND	ug/L	1.0	1		06/27/14 00:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/27/14 00:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/27/14 00:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/27/14 00:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/27/14 00:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/27/14 00:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/27/14 00:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/27/14 00:43	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/27/14 00:43	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/27/14 00:43	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/27/14 00:43	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/27/14 00:43	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/27/14 00:43	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		06/27/14 00:43	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		06/27/14 00:43	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		06/27/14 00:43	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW14 **Lab ID: 92206286007** Collected: 06/19/14 11:06 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	319-84-6	
beta-BHC	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	319-85-7	
delta-BHC	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/21/14 11:23	06/27/14 03:15	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	50-29-3	
Dieldrin	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/21/14 11:23	06/27/14 03:15	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/21/14 11:23	06/27/14 03:15	72-43-5	
Mirex	ND	ug/L	0.15	1	06/21/14 11:23	06/27/14 03:15	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/21/14 11:23	06/27/14 03:15	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	68	%	20-130	1	06/21/14 11:23	06/27/14 03:15	877-09-8	
Decachlorobiphenyl (S)	82	%	20-130	1	06/21/14 11:23	06/27/14 03:15	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/26/14 01:22	67-64-1	
Benzene	ND	ug/L	1.0	1		06/26/14 01:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/26/14 01:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/26/14 01:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/26/14 01:22	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/26/14 01:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/26/14 01:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/26/14 01:22	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/26/14 01:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/26/14 01:22	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/26/14 01:22	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/26/14 01:22	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/26/14 01:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/26/14 01:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/26/14 01:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/26/14 01:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/26/14 01:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/26/14 01:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/26/14 01:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:22	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW14 **Lab ID: 92206286007** Collected: 06/19/14 11:06 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/26/14 01:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/26/14 01:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/26/14 01:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/26/14 01:22	75-35-4	
cis-1,2-Dichloroethene	**1.6**	ug/L	1.0	1		06/26/14 01:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/26/14 01:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/26/14 01:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/26/14 01:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/26/14 01:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/26/14 01:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/26/14 01:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/26/14 01:22	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/26/14 01:22	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/26/14 01:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/26/14 01:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/26/14 01:22	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/26/14 01:22	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/26/14 01:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/26/14 01:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/26/14 01:22	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/26/14 01:22	91-20-3	
Styrene	ND	ug/L	1.0	1		06/26/14 01:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/26/14 01:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/26/14 01:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/26/14 01:22	127-18-4	
Toluene	ND	ug/L	1.0	1		06/26/14 01:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/26/14 01:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/26/14 01:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/26/14 01:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/26/14 01:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/26/14 01:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/26/14 01:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/26/14 01:22	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/26/14 01:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/26/14 01:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/26/14 01:22	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		06/26/14 01:22	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		06/26/14 01:22	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		06/26/14 01:22	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW18 **Lab ID: 92206286008** Collected: 06/19/14 12:35 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	309-00-2	
alpha-BHC	**0.40**	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	319-84-6	
beta-BHC	**1.9**	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	319-85-7	
delta-BHC	**1.2**	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	319-86-8	
gamma-BHC (Lindane)	**1.1**	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	58-89-9	
Chlordane (Technical)	ND	ug/L	1.0	5	06/21/14 11:23	06/29/14 15:10	57-74-9	
4,4'-DDD	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	72-54-8	
4,4'-DDE	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	72-55-9	
4,4'-DDT	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	50-29-3	
Dieldrin	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	60-57-1	
Endosulfan I	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	959-98-8	
Endosulfan II	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	1031-07-8	
Endrin	**1.2**	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	72-20-8	
Endrin aldehyde	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	7421-93-4	
Endrin ketone	**1.8**	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	53494-70-5	
Heptachlor	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	76-44-8	
Heptachlor epoxide	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.25	5	06/21/14 11:23	06/29/14 15:10	118-74-1	
Methoxychlor	ND	ug/L	0.75	5	06/21/14 11:23	06/29/14 15:10	72-43-5	
Mirex	ND	ug/L	0.75	5	06/21/14 11:23	06/29/14 15:10	2385-85-5	
Toxaphene	ND	ug/L	1.0	5	06/21/14 11:23	06/29/14 15:10	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	5	06/21/14 11:23	06/29/14 15:10	877-09-8	S4
Decachlorobiphenyl (S)	0	%	20-130	5	06/21/14 11:23	06/29/14 15:10	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/26/14 01:38	67-64-1	
Benzene	**4.1**	ug/L	1.0	1		06/26/14 01:38	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/26/14 01:38	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/26/14 01:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/26/14 01:38	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/26/14 01:38	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/26/14 01:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/26/14 01:38	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/26/14 01:38	56-23-5	
Chlorobenzene	**15.4**	ug/L	1.0	1		06/26/14 01:38	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/26/14 01:38	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/26/14 01:38	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/26/14 01:38	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/26/14 01:38	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/26/14 01:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/26/14 01:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/26/14 01:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/26/14 01:38	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/26/14 01:38	74-95-3	
1,2-Dichlorobenzene	**3.2**	ug/L	1.0	1		06/26/14 01:38	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW18 **Lab ID: 92206286008** Collected: 06/19/14 12:35 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	**1.0**	ug/L	1.0	1		06/26/14 01:38	541-73-1	
1,4-Dichlorobenzene	**11.5**	ug/L	1.0	1		06/26/14 01:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/26/14 01:38	75-71-8	
1,1-Dichloroethane	**4.0**	ug/L	1.0	1		06/26/14 01:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/26/14 01:38	107-06-2	
1,1-Dichloroethene	**1.7**	ug/L	1.0	1		06/26/14 01:38	75-35-4	
cis-1,2-Dichloroethene	**2530**	ug/L	100	100		06/26/14 22:33	156-59-2	
trans-1,2-Dichloroethene	**3.6**	ug/L	1.0	1		06/26/14 01:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/26/14 01:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/26/14 01:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/26/14 01:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/26/14 01:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/26/14 01:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/26/14 01:38	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/26/14 01:38	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/26/14 01:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/26/14 01:38	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/26/14 01:38	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/26/14 01:38	99-87-6	
Methylene Chloride	**5.4**	ug/L	2.0	1		06/26/14 01:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/26/14 01:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/26/14 01:38	1634-04-4	
Naphthalene	**3.5**	ug/L	1.0	1		06/26/14 01:38	91-20-3	
Styrene	ND	ug/L	1.0	1		06/26/14 01:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/26/14 01:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/26/14 01:38	79-34-5	
Tetrachloroethene	**3.5**	ug/L	1.0	1		06/26/14 01:38	127-18-4	
Toluene	ND	ug/L	1.0	1		06/26/14 01:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:38	87-61-6	
1,2,4-Trichlorobenzene	**7.7**	ug/L	1.0	1		06/26/14 01:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/26/14 01:38	71-55-6	
1,1,2-Trichloroethane	**1.6**	ug/L	1.0	1		06/26/14 01:38	79-00-5	
Trichloroethene	**3220**	ug/L	100	100		06/26/14 22:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/26/14 01:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/26/14 01:38	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/26/14 01:38	108-05-4	
Vinyl chloride	**181**	ug/L	100	100		06/26/14 22:33	75-01-4	
Xylene (Total)	**2.4**	ug/L	2.0	1		06/26/14 01:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/26/14 01:38	179601-23-1	
o-Xylene	**2.4**	ug/L	1.0	1		06/26/14 01:38	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		06/26/14 01:38	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		06/26/14 01:38	17060-07-0	
Toluene-d8 (S)	112	%	70-130	1		06/26/14 01:38	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW14 **Lab ID: 92206286009** Collected: 06/19/14 13:45 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	309-00-2	
alpha-BHC	ND	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	319-84-6	
beta-BHC	**1.6**	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	319-85-7	
delta-BHC	**1.3**	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	319-86-8	
gamma-BHC (Lindane)	**1.2**	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	58-89-9	
Chlordane (Technical)	ND	ug/L	4.0	20	06/21/14 11:23	06/29/14 15:28	57-74-9	
4,4'-DDD	**4.9**	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	72-54-8	
4,4'-DDE	ND	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	72-55-9	
4,4'-DDT	**1.6**	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	50-29-3	
Dieldrin	**5.4**	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	60-57-1	
Endosulfan I	ND	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	959-98-8	
Endosulfan II	ND	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	33213-65-9	
Endosulfan sulfate	ND	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	1031-07-8	
Endrin	**5.1**	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	72-20-8	
Endrin aldehyde	ND	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	7421-93-4	
Endrin ketone	**4.4**	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	53494-70-5	
Heptachlor	ND	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	76-44-8	
Heptachlor epoxide	ND	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	1024-57-3	
Hexachlorobenzene	ND	ug/L	1.0	20	06/21/14 11:23	06/29/14 15:28	118-74-1	
Methoxychlor	ND	ug/L	3.0	20	06/21/14 11:23	06/29/14 15:28	72-43-5	
Mirex	ND	ug/L	3.0	20	06/21/14 11:23	06/29/14 15:28	2385-85-5	
Toxaphene	ND	ug/L	4.0	20	06/21/14 11:23	06/29/14 15:28	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	20	06/21/14 11:23	06/29/14 15:28	877-09-8	S4
Decachlorobiphenyl (S)	0	%	20-130	20	06/21/14 11:23	06/29/14 15:28	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/26/14 01:54	67-64-1	
Benzene	ND	ug/L	1.0	1		06/26/14 01:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/26/14 01:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/26/14 01:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/26/14 01:54	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/26/14 01:54	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/26/14 01:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/26/14 01:54	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/26/14 01:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/26/14 01:54	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/26/14 01:54	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/26/14 01:54	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/26/14 01:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/26/14 01:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/26/14 01:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/26/14 01:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/26/14 01:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/26/14 01:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/26/14 01:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:54	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: MW14 **Lab ID: 92206286009** Collected: 06/19/14 13:45 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/26/14 01:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/26/14 01:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/26/14 01:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/26/14 01:54	75-35-4	
cis-1,2-Dichloroethene	**127**	ug/L	1.0	1		06/26/14 01:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/26/14 01:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/26/14 01:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/26/14 01:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/26/14 01:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/26/14 01:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/26/14 01:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/26/14 01:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/26/14 01:54	108-20-3	
Ethylbenzene	**311**	ug/L	20.0	20		06/26/14 22:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/26/14 01:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/26/14 01:54	591-78-6	
p-Isopropyltoluene	**1.2**	ug/L	1.0	1		06/26/14 01:54	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/26/14 01:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/26/14 01:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/26/14 01:54	1634-04-4	
Naphthalene	**10.0**	ug/L	1.0	1		06/26/14 01:54	91-20-3	
Styrene	ND	ug/L	1.0	1		06/26/14 01:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/26/14 01:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/26/14 01:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/26/14 01:54	127-18-4	
Toluene	**12.1**	ug/L	1.0	1		06/26/14 01:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/26/14 01:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/26/14 01:54	79-00-5	
Trichloroethene	**62.3**	ug/L	1.0	1		06/26/14 01:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/26/14 01:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/26/14 01:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/26/14 01:54	108-05-4	
Vinyl chloride	**5.1**	ug/L	1.0	1		06/26/14 01:54	75-01-4	
Xylene (Total)	**2120**	ug/L	40.0	20		06/26/14 22:49	1330-20-7	
m&p-Xylene	**1690**	ug/L	40.0	20		06/26/14 22:49	179601-23-1	
o-Xylene	**423**	ug/L	20.0	20		06/26/14 22:49	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		06/26/14 01:54	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		06/26/14 01:54	17060-07-0	
Toluene-d8 (S)	106	%	70-130	1		06/26/14 01:54	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: TRIP BLANK **Lab ID: 92206286010** Collected: 06/18/14 00:00 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/26/14 01:12	67-64-1	
Benzene	ND	ug/L	1.0	1		06/26/14 01:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/26/14 01:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/26/14 01:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/26/14 01:12	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/26/14 01:12	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/26/14 01:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/26/14 01:12	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/26/14 01:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/26/14 01:12	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/26/14 01:12	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/26/14 01:12	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/26/14 01:12	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/26/14 01:12	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/26/14 01:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/26/14 01:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/26/14 01:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/26/14 01:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/26/14 01:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/26/14 01:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/26/14 01:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/26/14 01:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/26/14 01:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/26/14 01:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/26/14 01:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/26/14 01:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/26/14 01:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/26/14 01:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/26/14 01:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/26/14 01:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/26/14 01:12	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/26/14 01:12	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/26/14 01:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/26/14 01:12	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/26/14 01:12	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/26/14 01:12	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/26/14 01:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/26/14 01:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/26/14 01:12	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/26/14 01:12	91-20-3	
Styrene	ND	ug/L	1.0	1		06/26/14 01:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/26/14 01:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/26/14 01:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/26/14 01:12	127-18-4	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Sample: TRIP BLANK **Lab ID: 92206286010** Collected: 06/18/14 00:00 Received: 06/20/14 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		06/26/14 01:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/26/14 01:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/26/14 01:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/26/14 01:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		06/26/14 01:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/26/14 01:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/26/14 01:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/26/14 01:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/26/14 01:12	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/26/14 01:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/26/14 01:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/26/14 01:12	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		06/26/14 01:12	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		06/26/14 01:12	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		06/26/14 01:12	2037-26-5	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

QC Batch: MSV/27333
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92206286010

METHOD BLANK: 1228110
Matrix: Water
Associated Lab Samples: 92206286010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/25/14 19:11	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/25/14 19:11	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/25/14 19:11	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/25/14 19:11	
1,1-Dichloroethane	ug/L	ND	1.0	06/25/14 19:11	
1,1-Dichloroethene	ug/L	ND	1.0	06/25/14 19:11	
1,1-Dichloropropene	ug/L	ND	1.0	06/25/14 19:11	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/25/14 19:11	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/25/14 19:11	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/25/14 19:11	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	06/25/14 19:11	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/25/14 19:11	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/25/14 19:11	
1,2-Dichloroethane	ug/L	ND	1.0	06/25/14 19:11	
1,2-Dichloropropane	ug/L	ND	1.0	06/25/14 19:11	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/25/14 19:11	
1,3-Dichloropropane	ug/L	ND	1.0	06/25/14 19:11	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/25/14 19:11	
2,2-Dichloropropane	ug/L	ND	1.0	06/25/14 19:11	
2-Butanone (MEK)	ug/L	ND	5.0	06/25/14 19:11	
2-Chlorotoluene	ug/L	ND	1.0	06/25/14 19:11	
2-Hexanone	ug/L	ND	5.0	06/25/14 19:11	
4-Chlorotoluene	ug/L	ND	1.0	06/25/14 19:11	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/25/14 19:11	
Acetone	ug/L	ND	25.0	06/25/14 19:11	
Benzene	ug/L	ND	1.0	06/25/14 19:11	
Bromobenzene	ug/L	ND	1.0	06/25/14 19:11	
Bromochloromethane	ug/L	ND	1.0	06/25/14 19:11	
Bromodichloromethane	ug/L	ND	1.0	06/25/14 19:11	
Bromoform	ug/L	ND	1.0	06/25/14 19:11	
Bromomethane	ug/L	ND	2.0	06/25/14 19:11	
Carbon tetrachloride	ug/L	ND	1.0	06/25/14 19:11	
Chlorobenzene	ug/L	ND	1.0	06/25/14 19:11	
Chloroethane	ug/L	ND	1.0	06/25/14 19:11	
Chloroform	ug/L	ND	1.0	06/25/14 19:11	
Chloromethane	ug/L	ND	1.0	06/25/14 19:11	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/25/14 19:11	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/25/14 19:11	
Dibromochloromethane	ug/L	ND	1.0	06/25/14 19:11	
Dibromomethane	ug/L	ND	1.0	06/25/14 19:11	
Dichlorodifluoromethane	ug/L	ND	1.0	06/25/14 19:11	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

METHOD BLANK: 1228110 Matrix: Water
Associated Lab Samples: 92206286010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	06/25/14 19:11	
Ethylbenzene	ug/L	ND	1.0	06/25/14 19:11	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/25/14 19:11	
m&p-Xylene	ug/L	ND	2.0	06/25/14 19:11	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/25/14 19:11	
Methylene Chloride	ug/L	ND	2.0	06/25/14 19:11	
Naphthalene	ug/L	ND	1.0	06/25/14 19:11	
o-Xylene	ug/L	ND	1.0	06/25/14 19:11	
p-Isopropyltoluene	ug/L	ND	1.0	06/25/14 19:11	
Styrene	ug/L	ND	1.0	06/25/14 19:11	
Tetrachloroethene	ug/L	ND	1.0	06/25/14 19:11	
Toluene	ug/L	ND	1.0	06/25/14 19:11	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/25/14 19:11	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/25/14 19:11	
Trichloroethene	ug/L	ND	1.0	06/25/14 19:11	
Trichlorofluoromethane	ug/L	ND	1.0	06/25/14 19:11	
Vinyl acetate	ug/L	ND	2.0	06/25/14 19:11	
Vinyl chloride	ug/L	ND	1.0	06/25/14 19:11	
Xylene (Total)	ug/L	ND	2.0	06/25/14 19:11	
1,2-Dichloroethane-d4 (S)	%	89	70-130	06/25/14 19:11	
4-Bromofluorobenzene (S)	%	98	70-130	06/25/14 19:11	
Toluene-d8 (S)	%	98	70-130	06/25/14 19:11	

LABORATORY CONTROL SAMPLE: 1228111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.1	88	70-130	
1,1,1-Trichloroethane	ug/L	50	42.4	85	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.1	94	70-130	
1,1,2-Trichloroethane	ug/L	50	46.0	92	70-130	
1,1-Dichloroethane	ug/L	50	41.4	83	70-130	
1,1-Dichloroethene	ug/L	50	47.6	95	70-132	
1,1-Dichloropropene	ug/L	50	46.8	94	70-130	
1,2,3-Trichlorobenzene	ug/L	50	49.5	99	70-135	
1,2,3-Trichloropropane	ug/L	50	45.6	91	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.9	106	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	46.8	94	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	47.3	95	70-130	
1,2-Dichlorobenzene	ug/L	50	49.6	99	70-130	
1,2-Dichloroethane	ug/L	50	42.0	84	70-130	
1,2-Dichloropropane	ug/L	50	47.1	94	70-130	
1,3-Dichlorobenzene	ug/L	50	49.0	98	70-130	
1,3-Dichloropropane	ug/L	50	46.5	93	70-130	
1,4-Dichlorobenzene	ug/L	50	48.6	97	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

LABORATORY CONTROL SAMPLE: 1228111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	43.2	86	58-145	
2-Butanone (MEK)	ug/L	100	83.8	84	70-145	
2-Chlorotoluene	ug/L	50	47.4	95	70-130	
2-Hexanone	ug/L	100	91.4	91	70-144	
4-Chlorotoluene	ug/L	50	46.8	94	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	90.3	90	70-140	
Acetone	ug/L	100	79.6	80	50-175	
Benzene	ug/L	50	47.7	95	70-130	
Bromobenzene	ug/L	50	47.9	96	70-130	
Bromochloromethane	ug/L	50	49.0	98	70-130	
Bromodichloromethane	ug/L	50	48.0	96	70-130	
Bromoform	ug/L	50	49.7	99	70-130	
Bromomethane	ug/L	50	58.1	116	54-130	
Carbon tetrachloride	ug/L	50	46.3	93	70-132	
Chlorobenzene	ug/L	50	48.6	97	70-130	
Chloroethane	ug/L	50	48.4	97	64-134	
Chloroform	ug/L	50	47.0	94	70-130	
Chloromethane	ug/L	50	52.8	106	64-130	
cis-1,2-Dichloroethene	ug/L	50	48.2	96	70-131	
cis-1,3-Dichloropropene	ug/L	50	47.3	95	70-130	
Dibromochloromethane	ug/L	50	51.2	102	70-130	
Dibromomethane	ug/L	50	47.9	96	70-131	
Dichlorodifluoromethane	ug/L	50	61.6	123	56-130	
Diisopropyl ether	ug/L	50	45.1	90	70-130	
Ethylbenzene	ug/L	50	46.2	92	70-130	
Hexachloro-1,3-butadiene	ug/L	50	55.6	111	70-130	
m&p-Xylene	ug/L	100	93.7	94	70-130	
Methyl-tert-butyl ether	ug/L	50	44.5	89	70-130	
Methylene Chloride	ug/L	50	44.5	89	63-130	
Naphthalene	ug/L	50	50.9	102	70-138	
o-Xylene	ug/L	50	47.3	95	70-130	
p-Isopropyltoluene	ug/L	50	49.6	99	70-130	
Styrene	ug/L	50	50.4	101	70-130	
Tetrachloroethene	ug/L	50	46.0	92	70-130	
Toluene	ug/L	50	45.7	91	70-130	
trans-1,2-Dichloroethene	ug/L	50	46.2	92	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.2	92	70-132	
Trichloroethene	ug/L	50	45.8	92	70-130	
Trichlorofluoromethane	ug/L	50	51.1	102	62-133	
Vinyl acetate	ug/L	100	102	102	66-157	
Vinyl chloride	ug/L	50	53.8	108	50-150	
Xylene (Total)	ug/L	150	141	94	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

MATRIX SPIKE SAMPLE: 1228112

Parameter	Units	92206035004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	50	57.6	115	70-166	
Benzene	ug/L	ND	50	56.2	112	70-148	
Chlorobenzene	ug/L	ND	50	54.6	109	70-146	
Toluene	ug/L	ND	50	51.6	103	70-155	
Trichloroethene	ug/L	ND	50	57.0	114	69-151	
1,2-Dichloroethane-d4 (S)	%				96	70-130	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 1230114

Parameter	Units	92206035005 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		
1,1,1-Trichloroethane	ug/L	ND	ND		
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		
1,1,2-Trichloroethane	ug/L	ND	ND		
1,1-Dichloroethane	ug/L	ND	ND		
1,1-Dichloroethene	ug/L	ND	ND		
1,1-Dichloropropene	ug/L	ND	ND		
1,2,3-Trichlorobenzene	ug/L	ND	ND		
1,2,3-Trichloropropane	ug/L	ND	ND		
1,2,4-Trichlorobenzene	ug/L	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
1,2-Dichlorobenzene	ug/L	ND	ND		
1,2-Dichloroethane	ug/L	ND	ND		
1,2-Dichloropropane	ug/L	ND	ND		
1,3-Dichlorobenzene	ug/L	ND	ND		
1,3-Dichloropropane	ug/L	ND	ND		
1,4-Dichlorobenzene	ug/L	ND	ND		
2,2-Dichloropropane	ug/L	ND	ND		
2-Butanone (MEK)	ug/L	ND	ND		
2-Chlorotoluene	ug/L	ND	ND		
2-Hexanone	ug/L	ND	ND		
4-Chlorotoluene	ug/L	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		
Acetone	ug/L	ND	ND		
Benzene	ug/L	ND	ND		
Bromobenzene	ug/L	ND	ND		
Bromochloromethane	ug/L	ND	ND		
Bromodichloromethane	ug/L	ND	ND		
Bromoform	ug/L	ND	ND		
Bromomethane	ug/L	ND	ND		
Carbon tetrachloride	ug/L	ND	ND		
Chlorobenzene	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

SAMPLE DUPLICATE: 1230114

Parameter	Units	92206035005 Result	Dup Result	RPD	Qualifiers
Chloroethane	ug/L	ND	ND		
Chloroform	ug/L	ND	ND		
Chloromethane	ug/L	ND	ND		
cis-1,2-Dichloroethene	ug/L	ND	ND		
cis-1,3-Dichloropropene	ug/L	ND	ND		
Dibromochloromethane	ug/L	ND	ND		
Dibromomethane	ug/L	ND	ND		
Dichlorodifluoromethane	ug/L	ND	ND		
Diisopropyl ether	ug/L	ND	ND		
Ethylbenzene	ug/L	ND	ND		
Hexachloro-1,3-butadiene	ug/L	ND	1.1		
m&p-Xylene	ug/L	ND	ND		
Methyl-tert-butyl ether	ug/L	ND	ND		
Methylene Chloride	ug/L	ND	ND		
Naphthalene	ug/L	ND	ND		
o-Xylene	ug/L	ND	ND		
p-Isopropyltoluene	ug/L	ND	ND		
Styrene	ug/L	ND	ND		
Tetrachloroethene	ug/L	ND	ND		
Toluene	ug/L	ND	ND		
trans-1,2-Dichloroethene	ug/L	ND	ND		
trans-1,3-Dichloropropene	ug/L	ND	ND		
Trichloroethene	ug/L	ND	ND		
Trichlorofluoromethane	ug/L	ND	ND		
Vinyl acetate	ug/L	ND	ND		
Vinyl chloride	ug/L	ND	ND		
Xylene (Total)	ug/L	ND	ND		
1,2-Dichloroethane-d4 (S)	%	102	97	5	
4-Bromofluorobenzene (S)	%	101	101	1	
Toluene-d8 (S)	%	99	98	1	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

QC Batch: MSV/27336 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92206286001, 92206286002, 92206286003, 92206286004, 92206286007, 92206286008, 92206286009

METHOD BLANK: 1228407 Matrix: Water
Associated Lab Samples: 92206286001, 92206286002, 92206286003, 92206286004, 92206286007, 92206286008, 92206286009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/25/14 16:23	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/25/14 16:23	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/25/14 16:23	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/25/14 16:23	
1,1-Dichloroethane	ug/L	ND	1.0	06/25/14 16:23	
1,1-Dichloroethene	ug/L	ND	1.0	06/25/14 16:23	
1,1-Dichloropropene	ug/L	ND	1.0	06/25/14 16:23	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/25/14 16:23	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/25/14 16:23	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/25/14 16:23	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	06/25/14 16:23	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/25/14 16:23	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/25/14 16:23	
1,2-Dichloroethane	ug/L	ND	1.0	06/25/14 16:23	
1,2-Dichloropropane	ug/L	ND	1.0	06/25/14 16:23	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/25/14 16:23	
1,3-Dichloropropane	ug/L	ND	1.0	06/25/14 16:23	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/25/14 16:23	
2,2-Dichloropropane	ug/L	ND	1.0	06/25/14 16:23	
2-Butanone (MEK)	ug/L	ND	5.0	06/25/14 16:23	
2-Chlorotoluene	ug/L	ND	1.0	06/25/14 16:23	
2-Hexanone	ug/L	ND	5.0	06/25/14 16:23	
4-Chlorotoluene	ug/L	ND	1.0	06/25/14 16:23	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/25/14 16:23	
Acetone	ug/L	ND	25.0	06/25/14 16:23	
Benzene	ug/L	ND	1.0	06/25/14 16:23	
Bromobenzene	ug/L	ND	1.0	06/25/14 16:23	
Bromochloromethane	ug/L	ND	1.0	06/25/14 16:23	
Bromodichloromethane	ug/L	ND	1.0	06/25/14 16:23	
Bromoform	ug/L	ND	1.0	06/25/14 16:23	
Bromomethane	ug/L	4.8	2.0	06/25/14 16:23	
Carbon tetrachloride	ug/L	ND	1.0	06/25/14 16:23	
Chlorobenzene	ug/L	ND	1.0	06/25/14 16:23	
Chloroethane	ug/L	ND	1.0	06/25/14 16:23	
Chloroform	ug/L	ND	1.0	06/25/14 16:23	
Chloromethane	ug/L	ND	1.0	06/25/14 16:23	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/25/14 16:23	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/25/14 16:23	
Dibromochloromethane	ug/L	ND	1.0	06/25/14 16:23	
Dibromomethane	ug/L	ND	1.0	06/25/14 16:23	
Dichlorodifluoromethane	ug/L	ND	1.0	06/25/14 16:23	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

METHOD BLANK: 1228407 Matrix: Water
Associated Lab Samples: 92206286001, 92206286002, 92206286003, 92206286004, 92206286007, 92206286008, 92206286009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	06/25/14 16:23	
Ethylbenzene	ug/L	ND	1.0	06/25/14 16:23	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/25/14 16:23	
m&p-Xylene	ug/L	ND	2.0	06/25/14 16:23	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/25/14 16:23	
Methylene Chloride	ug/L	ND	2.0	06/25/14 16:23	
Naphthalene	ug/L	ND	1.0	06/25/14 16:23	
o-Xylene	ug/L	ND	1.0	06/25/14 16:23	
p-Isopropyltoluene	ug/L	ND	1.0	06/25/14 16:23	
Styrene	ug/L	ND	1.0	06/25/14 16:23	
Tetrachloroethene	ug/L	ND	1.0	06/25/14 16:23	
Toluene	ug/L	ND	1.0	06/25/14 16:23	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/25/14 16:23	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/25/14 16:23	
Trichloroethene	ug/L	ND	1.0	06/25/14 16:23	
Trichlorofluoromethane	ug/L	ND	1.0	06/25/14 16:23	
Vinyl acetate	ug/L	ND	2.0	06/25/14 16:23	
Vinyl chloride	ug/L	ND	1.0	06/25/14 16:23	
Xylene (Total)	ug/L	ND	2.0	06/25/14 16:23	
1,2-Dichloroethane-d4 (S)	%	100	70-130	06/25/14 16:23	
4-Bromofluorobenzene (S)	%	99	70-130	06/25/14 16:23	
Toluene-d8 (S)	%	100	70-130	06/25/14 16:23	

LABORATORY CONTROL SAMPLE: 1228408

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.8	104	70-130	
1,1,1-Trichloroethane	ug/L	50	46.9	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.9	104	70-130	
1,1,2-Trichloroethane	ug/L	50	52.2	104	70-130	
1,1-Dichloroethane	ug/L	50	46.7	93	70-130	
1,1-Dichloroethene	ug/L	50	53.9	108	70-132	
1,1-Dichloropropene	ug/L	50	54.1	108	70-130	
1,2,3-Trichlorobenzene	ug/L	50	54.7	109	70-135	
1,2,3-Trichloropropane	ug/L	50	51.4	103	70-130	
1,2,4-Trichlorobenzene	ug/L	50	54.3	109	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	53.3	107	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.9	106	70-130	
1,2-Dichlorobenzene	ug/L	50	55.6	111	70-130	
1,2-Dichloroethane	ug/L	50	48.7	97	70-130	
1,2-Dichloropropane	ug/L	50	51.5	103	70-130	
1,3-Dichlorobenzene	ug/L	50	53.1	106	70-130	
1,3-Dichloropropane	ug/L	50	53.7	107	70-130	
1,4-Dichlorobenzene	ug/L	50	52.9	106	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

LABORATORY CONTROL SAMPLE: 1228408

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	49.7	99	58-145	
2-Butanone (MEK)	ug/L	100	94.3	94	70-145	
2-Chlorotoluene	ug/L	50	56.3	113	70-130	
2-Hexanone	ug/L	100	106	106	70-144	
4-Chlorotoluene	ug/L	50	52.3	105	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	106	70-140	
Acetone	ug/L	100	90.2	90	50-175	
Benzene	ug/L	50	54.0	108	70-130	
Bromobenzene	ug/L	50	54.5	109	70-130	
Bromochloromethane	ug/L	50	54.4	109	70-130	
Bromodichloromethane	ug/L	50	53.0	106	70-130	
Bromoform	ug/L	50	55.8	112	70-130	
Bromomethane	ug/L	50	50.2	100	54-130	
Carbon tetrachloride	ug/L	50	50.2	100	70-132	
Chlorobenzene	ug/L	50	53.6	107	70-130	
Chloroethane	ug/L	50	47.6	95	64-134	
Chloroform	ug/L	50	51.0	102	70-130	
Chloromethane	ug/L	50	60.4	121	64-130	
cis-1,2-Dichloroethene	ug/L	50	53.8	108	70-131	
cis-1,3-Dichloropropene	ug/L	50	54.2	108	70-130	
Dibromochloromethane	ug/L	50	55.9	112	70-130	
Dibromomethane	ug/L	50	50.8	102	70-131	
Dichlorodifluoromethane	ug/L	50	63.0	126	56-130	
Diisopropyl ether	ug/L	50	53.7	107	70-130	
Ethylbenzene	ug/L	50	51.9	104	70-130	
Hexachloro-1,3-butadiene	ug/L	50	53.7	107	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
Methyl-tert-butyl ether	ug/L	50	53.5	107	70-130	
Methylene Chloride	ug/L	50	52.4	105	63-130	
Naphthalene	ug/L	50	56.8	114	70-138	
o-Xylene	ug/L	50	53.2	106	70-130	
p-Isopropyltoluene	ug/L	50	54.5	109	70-130	
Styrene	ug/L	50	56.4	113	70-130	
Tetrachloroethene	ug/L	50	51.3	103	70-130	
Toluene	ug/L	50	50.4	101	70-130	
trans-1,2-Dichloroethene	ug/L	50	54.2	108	70-130	
trans-1,3-Dichloropropene	ug/L	50	53.8	108	70-132	
Trichloroethene	ug/L	50	50.0	100	70-130	
Trichlorofluoromethane	ug/L	50	50.8	102	62-133	
Vinyl acetate	ug/L	100	124	124	66-157	
Vinyl chloride	ug/L	50	55.8	112	50-150	
Xylene (Total)	ug/L	150	158	105	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1228409 1228410

Parameter	Units	92205895003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	1.1	50	50	58.5	53.1	115	104	70-166	10	
Benzene	ug/L	ND	50	50	54.1	50.8	107	101	70-148	6	
Chlorobenzene	ug/L	ND	50	50	53.7	52.0	107	104	70-146	3	
Toluene	ug/L	ND	50	50	49.6	47.7	99	95	70-155	4	
Trichloroethene	ug/L	1.0	50	50	54.8	53.2	108	104	69-151	3	
1,2-Dichloroethane-d4 (S)	%						115	111	70-130		
4-Bromofluorobenzene (S)	%						100	101	70-130		
Toluene-d8 (S)	%						99	99	70-130		

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

QC Batch: MSV/27357
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92206286005, 92206286006

METHOD BLANK: 1230086
Matrix: Water
Associated Lab Samples: 92206286005, 92206286006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/26/14 17:07	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/26/14 17:07	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/26/14 17:07	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/26/14 17:07	
1,1-Dichloroethane	ug/L	ND	1.0	06/26/14 17:07	
1,1-Dichloroethene	ug/L	ND	1.0	06/26/14 17:07	
1,1-Dichloropropene	ug/L	ND	1.0	06/26/14 17:07	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/26/14 17:07	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/26/14 17:07	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/26/14 17:07	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	06/26/14 17:07	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/26/14 17:07	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/26/14 17:07	
1,2-Dichloroethane	ug/L	ND	1.0	06/26/14 17:07	
1,2-Dichloropropane	ug/L	ND	1.0	06/26/14 17:07	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/26/14 17:07	
1,3-Dichloropropane	ug/L	ND	1.0	06/26/14 17:07	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/26/14 17:07	
2,2-Dichloropropane	ug/L	ND	1.0	06/26/14 17:07	
2-Butanone (MEK)	ug/L	ND	5.0	06/26/14 17:07	
2-Chlorotoluene	ug/L	ND	1.0	06/26/14 17:07	
2-Hexanone	ug/L	ND	5.0	06/26/14 17:07	
4-Chlorotoluene	ug/L	ND	1.0	06/26/14 17:07	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/26/14 17:07	
Acetone	ug/L	ND	25.0	06/26/14 17:07	
Benzene	ug/L	ND	1.0	06/26/14 17:07	
Bromobenzene	ug/L	ND	1.0	06/26/14 17:07	
Bromochloromethane	ug/L	ND	1.0	06/26/14 17:07	
Bromodichloromethane	ug/L	ND	1.0	06/26/14 17:07	
Bromoform	ug/L	ND	1.0	06/26/14 17:07	
Bromomethane	ug/L	ND	2.0	06/26/14 17:07	
Carbon tetrachloride	ug/L	ND	1.0	06/26/14 17:07	
Chlorobenzene	ug/L	ND	1.0	06/26/14 17:07	
Chloroethane	ug/L	ND	1.0	06/26/14 17:07	
Chloroform	ug/L	ND	1.0	06/26/14 17:07	
Chloromethane	ug/L	ND	1.0	06/26/14 17:07	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/26/14 17:07	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/26/14 17:07	
Dibromochloromethane	ug/L	ND	1.0	06/26/14 17:07	
Dibromomethane	ug/L	ND	1.0	06/26/14 17:07	
Dichlorodifluoromethane	ug/L	ND	1.0	06/26/14 17:07	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

METHOD BLANK: 1230086 Matrix: Water
Associated Lab Samples: 92206286005, 92206286006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	06/26/14 17:07	
Ethylbenzene	ug/L	ND	1.0	06/26/14 17:07	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/26/14 17:07	
m&p-Xylene	ug/L	ND	2.0	06/26/14 17:07	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/26/14 17:07	
Methylene Chloride	ug/L	ND	2.0	06/26/14 17:07	
Naphthalene	ug/L	ND	1.0	06/26/14 17:07	
o-Xylene	ug/L	ND	1.0	06/26/14 17:07	
p-Isopropyltoluene	ug/L	ND	1.0	06/26/14 17:07	
Styrene	ug/L	ND	1.0	06/26/14 17:07	
Tetrachloroethene	ug/L	ND	1.0	06/26/14 17:07	
Toluene	ug/L	ND	1.0	06/26/14 17:07	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/26/14 17:07	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/26/14 17:07	
Trichloroethene	ug/L	ND	1.0	06/26/14 17:07	
Trichlorofluoromethane	ug/L	ND	1.0	06/26/14 17:07	
Vinyl acetate	ug/L	ND	2.0	06/26/14 17:07	
Vinyl chloride	ug/L	ND	1.0	06/26/14 17:07	
Xylene (Total)	ug/L	ND	2.0	06/26/14 17:07	
1,2-Dichloroethane-d4 (S)	%	98	70-130	06/26/14 17:07	
4-Bromofluorobenzene (S)	%	99	70-130	06/26/14 17:07	
Toluene-d8 (S)	%	99	70-130	06/26/14 17:07	

LABORATORY CONTROL SAMPLE: 1230087

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.5	97	70-130	
1,1,1-Trichloroethane	ug/L	50	49.0	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.9	98	70-130	
1,1,2-Trichloroethane	ug/L	50	49.6	99	70-130	
1,1-Dichloroethane	ug/L	50	47.2	94	70-130	
1,1-Dichloroethene	ug/L	50	55.8	112	70-132	
1,1-Dichloropropene	ug/L	50	52.9	106	70-130	
1,2,3-Trichlorobenzene	ug/L	50	46.6	93	70-135	
1,2,3-Trichloropropane	ug/L	50	49.6	99	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.5	107	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	48.8	98	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.9	104	70-130	
1,2-Dichlorobenzene	ug/L	50	52.1	104	70-130	
1,2-Dichloroethane	ug/L	50	49.6	99	70-130	
1,2-Dichloropropane	ug/L	50	49.2	98	70-130	
1,3-Dichlorobenzene	ug/L	50	51.0	102	70-130	
1,3-Dichloropropane	ug/L	50	50.3	101	70-130	
1,4-Dichlorobenzene	ug/L	50	51.5	103	70-130	

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REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

LABORATORY CONTROL SAMPLE: 1230087

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	51.3	103	58-145	
2-Butanone (MEK)	ug/L	100	92.8	93	70-145	
2-Chlorotoluene	ug/L	50	50.9	102	70-130	
2-Hexanone	ug/L	100	97.9	98	70-144	
4-Chlorotoluene	ug/L	50	50.3	101	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	99.0	99	70-140	
Acetone	ug/L	100	91.1	91	50-175	
Benzene	ug/L	50	51.2	102	70-130	
Bromobenzene	ug/L	50	51.0	102	70-130	
Bromochloromethane	ug/L	50	53.9	108	70-130	
Bromodichloromethane	ug/L	50	54.7	109	70-130	
Bromoform	ug/L	50	55.6	111	70-130	
Bromomethane	ug/L	50	69.3	139	54-130	L3
Carbon tetrachloride	ug/L	50	53.7	107	70-132	
Chlorobenzene	ug/L	50	51.6	103	70-130	
Chloroethane	ug/L	50	54.1	108	64-134	
Chloroform	ug/L	50	53.1	106	70-130	
Chloromethane	ug/L	50	70.8	142	64-130	L3
cis-1,2-Dichloroethene	ug/L	50	52.9	106	70-131	
cis-1,3-Dichloropropene	ug/L	50	51.2	102	70-130	
Dibromochloromethane	ug/L	50	57.1	114	70-130	
Dibromomethane	ug/L	50	51.2	102	70-131	
Dichlorodifluoromethane	ug/L	50	97.5	195	56-130	L3
Diisopropyl ether	ug/L	50	50.4	101	70-130	
Ethylbenzene	ug/L	50	50.4	101	70-130	
Hexachloro-1,3-butadiene	ug/L	50	58.0	116	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	49.4	99	70-130	
Methylene Chloride	ug/L	50	49.7	99	63-130	
Naphthalene	ug/L	50	49.8	100	70-138	
o-Xylene	ug/L	50	51.1	102	70-130	
p-Isopropyltoluene	ug/L	50	52.1	104	70-130	
Styrene	ug/L	50	53.5	107	70-130	
Tetrachloroethene	ug/L	50	50.3	101	70-130	
Toluene	ug/L	50	49.1	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.1	104	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.9	102	70-132	
Trichloroethene	ug/L	50	48.8	98	70-130	
Trichlorofluoromethane	ug/L	50	62.1	124	62-133	
Vinyl acetate	ug/L	100	118	118	66-157	
Vinyl chloride	ug/L	50	64.5	129	50-150	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			106	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1231385 1231386

Parameter	Units	92206616007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	57.8	57.3	116	115	70-166	1	
Benzene	ug/L	ND	50	50	58.4	56.4	117	113	70-148	3	
Chlorobenzene	ug/L	ND	50	50	55.8	54.1	112	108	70-146	3	
Toluene	ug/L	ND	50	50	52.7	51.2	105	102	70-155	3	
Trichloroethene	ug/L	ND	50	50	60.9	61.2	122	122	69-151	0	
1,2-Dichloroethane-d4 (S)	%						84	85	70-130		
4-Bromofluorobenzene (S)	%						96	97	70-130		
Toluene-d8 (S)	%						98	98	70-130		

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(704)875-9092

QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

QC Batch: OEXT/28428 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92206286001, 92206286002, 92206286003, 92206286004, 92206286005, 92206286006, 92206286007, 92206286008, 92206286009

METHOD BLANK: 1226832 Matrix: Water
Associated Lab Samples: 92206286001, 92206286002, 92206286003, 92206286004, 92206286005, 92206286006, 92206286007, 92206286008, 92206286009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	06/26/14 23:44	
4,4'-DDE	ug/L	ND	0.050	06/26/14 23:44	
4,4'-DDT	ug/L	ND	0.050	06/26/14 23:44	
Aldrin	ug/L	ND	0.050	06/26/14 23:44	
alpha-BHC	ug/L	ND	0.050	06/26/14 23:44	
beta-BHC	ug/L	ND	0.050	06/26/14 23:44	
Chlordane (Technical)	ug/L	ND	0.20	06/26/14 23:44	
delta-BHC	ug/L	ND	0.050	06/26/14 23:44	
Dieldrin	ug/L	ND	0.050	06/26/14 23:44	
Endosulfan I	ug/L	ND	0.050	06/26/14 23:44	
Endosulfan II	ug/L	ND	0.050	06/26/14 23:44	
Endosulfan sulfate	ug/L	ND	0.050	06/26/14 23:44	
Endrin	ug/L	ND	0.050	06/26/14 23:44	
Endrin aldehyde	ug/L	ND	0.050	06/26/14 23:44	
Endrin ketone	ug/L	ND	0.050	06/26/14 23:44	
gamma-BHC (Lindane)	ug/L	ND	0.050	06/26/14 23:44	
Heptachlor	ug/L	ND	0.050	06/26/14 23:44	
Heptachlor epoxide	ug/L	ND	0.050	06/26/14 23:44	
Hexachlorobenzene	ug/L	ND	0.050	06/26/14 23:44	
Methoxychlor	ug/L	ND	0.15	06/26/14 23:44	
Mirex	ug/L	ND	0.15	06/26/14 23:44	
Toxaphene	ug/L	ND	0.20	06/26/14 23:44	
Decachlorobiphenyl (S)	%	85	20-130	06/26/14 23:44	
Tetrachloro-m-xylene (S)	%	54	20-130	06/26/14 23:44	

LABORATORY CONTROL SAMPLE: 1226833

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.17	69	20-150	
4,4'-DDE	ug/L	.25	0.18	74	20-150	
4,4'-DDT	ug/L	.25	0.19	78	20-150	
Aldrin	ug/L	.25	0.11	45	20-150	
alpha-BHC	ug/L	.25	0.19	75	20-150	
beta-BHC	ug/L	.25	0.18	74	20-150	
delta-BHC	ug/L	.25	0.20	82	20-150	
Dieldrin	ug/L	.25	0.16	67	20-150	
Endosulfan I	ug/L	.25	0.16	66	20-150	
Endosulfan II	ug/L	.25	0.19	75	20-150	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

LABORATORY CONTROL SAMPLE: 1226833

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endosulfan sulfate	ug/L	.25	0.20	80	20-150	
Endrin	ug/L	.25	0.19	78	20-150	
Endrin aldehyde	ug/L	.25	0.18	74	20-150	
Endrin ketone	ug/L	.25	0.20	81	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.18	75	20-150	
Heptachlor	ug/L	.25	0.14	55	20-150	
Heptachlor epoxide	ug/L	.25	0.16	64	20-150	
Hexachlorobenzene	ug/L	.25	0.14	56	20-150	
Methoxychlor	ug/L	.74	0.57	77	20-150	
Mirex	ug/L	.74	0.56	76	20-150	
Decachlorobiphenyl (S)	%			88	20-130	
Tetrachloro-m-xylene (S)	%			73	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1226834 1226835

Parameter	Units	92205757012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4,4'-DDD	ug/L	ND	.5	.5	0.43	0.36	87	74	20-150	17	
4,4'-DDE	ug/L	ND	.5	.5	0.45	0.39	90	79	20-150	13	
4,4'-DDT	ug/L	ND	.5	.5	0.49	0.42	99	84	20-150	16	
Aldrin	ug/L	ND	.5	.5	0.39	0.32	79	65	20-150	18	
alpha-BHC	ug/L	ND	.5	.5	0.43	0.36	87	73	20-150	18	
beta-BHC	ug/L	ND	.5	.5	0.42	0.37	85	74	20-150	14	
delta-BHC	ug/L	ND	.5	.5	0.48	0.41	97	82	20-150	16	
Dieldrin	ug/L	ND	.5	.5	0.43	0.35	86	72	20-150	18	
Endosulfan I	ug/L	ND	.5	.5	0.41	0.35	82	70	20-150	16	
Endosulfan II	ug/L	ND	.5	.5	0.46	0.38	92	78	20-150	17	
Endosulfan sulfate	ug/L	ND	.5	.5	0.47	0.41	96	82	20-150	15	
Endrin	ug/L	ND	.5	.5	0.48	0.39	97	80	20-150	20	
Endrin aldehyde	ug/L	ND	.5	.5	0.42	0.40	84	81	20-150	4	
Endrin ketone	ug/L	ND	.5	.5	0.47	0.42	95	84	20-150	12	
gamma-BHC (Lindane)	ug/L	ND	.5	.5	0.43	0.36	87	73	20-150	17	
Heptachlor	ug/L	ND	.5	.5	0.43	0.35	87	71	20-150	20	
Heptachlor epoxide	ug/L	ND	.5	.5	0.47	0.39	94	78	20-150	19	
Hexachlorobenzene	ug/L	ND	.5	.5	0.38	0.31	77	63	20-150	20	
Methoxychlor	ug/L	ND	1.5	1.5	1.4	1.2	93	83	20-150	11	
Mirex	ug/L	ND	1.5	1.5	1.3	1.2	89	79	20-150	13	
Decachlorobiphenyl (S)	%						85	83	20-130		
Tetrachloro-m-xylene (S)	%						88	71	20-130		

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

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

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: LEGION INDUSTRIES
Pace Project No.: 92206286

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92206286001	**MW6**	EPA 3510	OEXT/28428	EPA 8081	GCSV/18045
92206286002	**MW11**	EPA 3510	OEXT/28428	EPA 8081	GCSV/18045
92206286003	**MW10**	EPA 3510	OEXT/28428	EPA 8081	GCSV/18045
92206286004	**MW16**	EPA 3510	OEXT/28428	EPA 8081	GCSV/18045
92206286005	**MW17**	EPA 3510	OEXT/28428	EPA 8081	GCSV/18045
92206286006	**MW15**	EPA 3510	OEXT/28428	EPA 8081	GCSV/18045
92206286007	**MW14**	EPA 3510	OEXT/28428	EPA 8081	GCSV/18045
92206286008	**MW18**	EPA 3510	OEXT/28428	EPA 8081	GCSV/18045
92206286009	**MW14**	EPA 3510	OEXT/28428	EPA 8081	GCSV/18045
92206286001	**MW6**	EPA 8260	MSV/27336		
92206286002	**MW11**	EPA 8260	MSV/27336		
92206286003	**MW10**	EPA 8260	MSV/27336		
92206286004	**MW16**	EPA 8260	MSV/27336		
92206286005	**MW17**	EPA 8260	MSV/27357		
92206286006	**MW15**	EPA 8260	MSV/27357		
92206286007	**MW14**	EPA 8260	MSV/27336		
92206286008	**MW18**	EPA 8260	MSV/27336		
92206286009	**MW14**	EPA 8260	MSV/27336		
92206286010	**TRIP BLANK**	EPA 8260	MSV/27333		

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Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: AMEC

Courier (Circle): Fed Ex UPS USPS Client Commercial Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

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

Thermometer Used: IR Gun#3 -130265963 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.0 C

Corrected Cooler Temp.: 5.6 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C **Comments:**

Date and Initials of person examining contents: RDB 6/20/14

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☑N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☑Yes ☐No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8. 1 liter per sample
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	
Samples checked for dechlorination:	☑Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: [signature] **Date:** 6/20/14

SRF Review: [signature] **Date:** 6/23/14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Place label here

9220628 6

OR

Handwrite project number (if no label available)

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

Company: AMOC ETI
Address: 2617 BUFORD HIGHWAY ATLANTA, GA 30329
Email To: STEVE.FOLEY@AMOC.com
Phone: 404-817-0152 Fax:
Requested Due Date/TAT: 1 week

Section B Required Project Information:

Report To: STEVE FOLEY
Copy To:
Purchase Order No.:
Project Name: LEGION INDUSTRIES
Project Number: 6121-09-0444

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

Page: of

1785884

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA X OTHER

Site Location STATE: GA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: VOCs 8260B	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW6	WT	G			6/18/14	1200		4	2			3					X		001
2	MW11	WT	G			6/18/14	1805		5	2			3					X		002
3	MW10	WT	G			6/18/14	1600		4	1			3					X		003
4	MW16	WT	G			6/19/14	1325		6	2			3					X		004
5	MW17	WT	G			6/18/14	525		5	2			3					X		005
6	MW15	WT	G			6/18/14	1440		5	2			3					X		006
7	MW14	WT	G			6/19/14	1106		5	2			3					X		007
8	MW18	WT	G			6/19/14	1235		5	2			3					X		008
9	MW19	WT	G			6/19/14	1345		5	2			3					X		009
10	TRIP BLANK												2					X		010
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		6/20/14	0700		6.20.14	8:50				
		6.20.14	16:10		6/20/14	1610	5.6	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 26, 2014

Steve Foley
AMEC Environment & Infrastruct
396 Plasters Avenue
Atlanta, GA 30324

RE: Project: Legion Industries 6121-09-0444
Pace Project No.: 92206290

Dear Steve Foley:
Enclosed are the analytical results for sample(s) received by the laboratory on June 20, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

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

Sincerely,

Kevin Godwin
kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Chuck Ferry, AMEC Environment & Infrastruct

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CERTIFICATIONS

Project: Legion Industries 6121-09-0444
Pace Project No.: 92206290

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Legion Industries 6121-09-0444
Pace Project No.: 92206290

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92206290001	**MW-18-7-8'**	ASTM D2974-87	AES	1	PASI-C
		EPA 9060 Modified	TJJ	4	PASI-G

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Legion Industries 6121-09-0444
Pace Project No.: 92206290

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92206290001	**MW-18-7-8'**					
ASTM D2974-87	Percent Moisture	15.0	%	0.10	06/24/14 14:48	
EPA 9060 Modified	RPD%	1.6	%	0.10	06/25/14 10:29	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: Legion Industries 6121-09-0444
Pace Project No.: 92206290

Method: **EPA 9060 Modified**
Description: Total Organic Carbon
Client: AMEC Environment & Infrastructure
Date: June 26, 2014

General Information:
1 sample was analyzed for EPA 9060 Modified. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: Legion Industries 6121-09-0444
Pace Project No.: 92206290

Sample: MW-18-7-8' **Lab ID: 92206290001** Collected: 06/18/14 09:15 Received: 06/20/14 16:10 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**15.0**	%	0.10	1		06/24/14 14:48		
Total Organic Carbon	Analytical Method: EPA 9060 Modified							
Surrogates								
RPD%	**1.6**	%	0.10	1		06/25/14 10:29		
Total Organic Carbon	ND	mg/kg	706	1		06/25/14 10:29	7440-44-0	
Total Organic Carbon	ND	mg/kg	706	1		06/25/14 10:35	7440-44-0	
Mean Total Organic Carbon	ND	mg/kg	706	1		06/25/14 10:29	7440-44-0	

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QUALITY CONTROL DATA

Project: Legion Industries 6121-09-0444
Pace Project No.: 92206290

QC Batch: PMST/6734
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92206290001

SAMPLE DUPLICATE: 1227601

Parameter	Units	92206229001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	18.9	18.6	1	

SAMPLE DUPLICATE: 1227602

Parameter	Units	92206348001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	16.1	14.3	12	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Legion Industries 6121-09-0444
Pace Project No.: 92206290

QC Batch: WETA/23815 Analysis Method: EPA 9060 Modified
QC Batch Method: EPA 9060 Modified Analysis Description: 9060 TOC Average
Associated Lab Samples: 92206290001

METHOD BLANK: 994674 Matrix: Solid
Associated Lab Samples:

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/kg	ND	600	06/25/14 10:06	

LABORATORY CONTROL SAMPLE: 994675

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/kg	120000	107000	89	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 994676 994677

Parameter	Units	92205929013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mean Total Organic Carbon	mg/kg	1540	7110	7110	8290	7500	95	84	50-150	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: Legion Industries 6121-09-0444
Pace Project No.: 92206290

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

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

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte
PASI-G	Pace Analytical Services - Green Bay

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Legion Industries 6121-09-0444
Pace Project No.: 92206290

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92206290001	**MW-18-7-8'**	ASTM D2974-87	PMST/6734		
92206290001	**MW-18-7-8'**	EPA 9060 Modified	WETA/23815		
92206290001	**MW-18-7-8'**	EPA 9060 Modified	WETA/23816		

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Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Amec E&I

Courier (Circle): Fed Ex UPS USPS Client Commercial Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

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

Thermometer Used: IR Gun#3 -130265963 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.0 C

Corrected Cooler Temp.: 5.6 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C **Comments:**

Date and Initials of person examining contents: RDS 6/20/14

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used: -Pace Containers Used:	☑Yes ☐No ☐N/A ☑Yes ☐No ☐N/A	9.
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SL	☑Yes ☐No ☐N/A	12.
All containers needing preservation have been checked. All containers needing preservation are found to be in compliance with EPA recommendation. exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No ☐N/A ☑Yes ☐No ☐N/A ☐Yes ☑No	13.
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present: Trip Blank Custody Seals Present Pace Trip Blank Lot # (if purchased):_____	☐Yes ☐No ☑N/A ☐Yes ☐No ☑N/A	16.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted:_____ Date/Time:_____

Comments/ Resolution:_____

SCURF Review: JH **Date:** 6/20/14

SRF Review: JH **Date:** 6/23/14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Place label here

92206290

OR

Handwrite project number (if no label available)

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

1785883

Section A Required Client Information:

Company: AMEC E&I
Address: 2677 DuFORD HWY
ATLANTA, GA 30324
Email To: STEVE.FOLEY@AMEC.COM
Phone: 404-817-0152 Fax:
Requested Due Date/TAT: 1 WK

Section B Required Project Information:

Report To: STEVE FOLEY
Copy To:
Purchase Order No.:
Project Name: LEGION INDUSTRIES
Project Number: 6121-09-0444

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER

Site Location STATE: GA

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE
Drinking Water DW
Water WT
Waste Water WW
Product P
Soil/Solid SL
Oil OL
Wipe WP
Air AR
Tissue TS
Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ Y/N	Analysis Test ↓	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-18-7-8'	SL	G			6/20/14	0915		1	X								X	TOTAL ORGANIC CARBON		92206290 001
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		6/18/14	1700		6/18/14	1700				
	6/20/14	6/20/14	0700		6.20.14	8:50				
		6.20.14	16:10		6/20/14	16:10	5.6	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: STEPHEN R FOLEY

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 6/18/14

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

December 29, 2014

Steve Foley
AMEC Environment & Infrastruct
396 Plasters Avenue
Atlanta, GA 30324

RE: Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Dear Steve Foley:
Enclosed are the analytical results for sample(s) received by the laboratory on December 17, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

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

Sincerely,

Kevin Godwin
kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Chuck Ferry, AMEC Environment & Infrastruct

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CERTIFICATIONS

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92230159001	**MW-2**	EPA 8081	RES	24	PASI-C
		EPA 8260	GAW	63	PASI-C
92230159002	**MW-17**	EPA 8081	RES	24	PASI-C
		EPA 8260	GAW	63	PASI-C
92230159003	**MW-3**	EPA 8081	RES	24	PASI-C
		EPA 8260	GAW	63	PASI-C
92230159004	**MW-12**	EPA 8081	RES	24	PASI-C
		EPA 8260	GAW	63	PASI-C
92230159005	**Trip Blank**	EPA 8260	GAW	63	PASI-C

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SUMMARY OF DETECTION

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92230159001	**MW-2**					
EPA 8081	alpha-BHC	7.3	ug/L	1.2	12/24/14 17:42	
EPA 8081	beta-BHC	1.4	ug/L	1.2	12/24/14 17:42	
EPA 8081	delta-BHC	8.7	ug/L	1.2	12/24/14 17:42	
EPA 8081	gamma-BHC (Lindane)	2.5	ug/L	1.2	12/24/14 17:42	
EPA 8260	Benzene	3.4	ug/L	1.0	12/23/14 15:29	
EPA 8260	Chlorobenzene	10.2	ug/L	1.0	12/23/14 15:29	
EPA 8260	1,4-Dichlorobenzene	1.6	ug/L	1.0	12/23/14 15:29	
EPA 8260	cis-1,2-Dichloroethene	77.2	ug/L	1.0	12/23/14 15:29	
EPA 8260	Ethylbenzene	1.4	ug/L	1.0	12/23/14 15:29	
EPA 8260	p-Isopropyltoluene	1.6	ug/L	1.0	12/23/14 15:29	
EPA 8260	Vinyl chloride	88.1	ug/L	1.0	12/23/14 15:29	
EPA 8260	Xylene (Total)	2.3	ug/L	2.0	12/23/14 15:29	
EPA 8260	o-Xylene	2.3	ug/L	1.0	12/23/14 15:29	
92230159002	**MW-17**					
EPA 8081	alpha-BHC	0.35	ug/L	0.050	12/23/14 18:16	
EPA 8081	beta-BHC	1.2	ug/L	0.10	12/24/14 18:00	
EPA 8081	delta-BHC	0.47	ug/L	0.050	12/23/14 18:16	
EPA 8081	gamma-BHC (Lindane)	0.098	ug/L	0.050	12/23/14 18:16	
EPA 8081	4,4'-DDT	0.13	ug/L	0.050	12/23/14 18:16	
EPA 8081	Dieldrin	0.17	ug/L	0.050	12/23/14 18:16	
EPA 8081	Endrin	0.40	ug/L	0.050	12/23/14 18:16	
EPA 8081	Endrin ketone	0.65	ug/L	0.050	12/23/14 18:16	
EPA 8260	cis-1,2-Dichloroethene	993	ug/L	5.0	12/23/14 14:56	
EPA 8260	Naphthalene	5.4	ug/L	5.0	12/23/14 14:56	
EPA 8260	Trichloroethene	2340	ug/L	20.0	12/28/14 21:17	
EPA 8260	Vinyl chloride	20.1	ug/L	5.0	12/23/14 14:56	
92230159003	**MW-3**					
EPA 8260	Toluene	1.2	ug/L	1.0	12/23/14 07:39	
92230159004	**MW-12**					
EPA 8081	alpha-BHC	0.073	ug/L	0.050	12/23/14 18:51	
EPA 8081	delta-BHC	0.058	ug/L	0.050	12/23/14 18:51	
EPA 8081	gamma-BHC (Lindane)	0.20	ug/L	0.050	12/23/14 18:51	
EPA 8260	cis-1,2-Dichloroethene	3.4	ug/L	1.0	12/23/14 07:56	
EPA 8260	Trichloroethene	21.2	ug/L	1.0	12/23/14 07:56	

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PROJECT NARRATIVE

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Method: **EPA 8081**
Description: 8081 Organochlorine Pesticides
Client: AMEC Environment & Infrastructure
Date: December 29, 2014

General Information:
4 samples were analyzed for EPA 8081. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/31889

S4: Surrogate recovery not evaluated against control limits due to sample dilution.
- MW-2 (Lab ID: 92230159001)
  - Tetrachloro-m-xylene (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: OEXT/31889

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- MW-2 (Lab ID: 92230159001)
  - Tetrachloro-m-xylene (S)

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PROJECT NARRATIVE

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: AMEC Environment & Infrastructure
Date: December 29, 2014

General Information:
5 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/29791

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 1358252)
  - Dichlorodifluoromethane

QC Batch: MSV/29792

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 1358256)
  - Dichlorodifluoromethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/29791

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92230130003

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 1358253)
  - Bromomethane
  - Chloroethane
  - Dichlorodifluoromethane
  - Trichlorofluoromethane

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PROJECT NARRATIVE

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: AMEC Environment & Infrastructure
Date: December 29, 2014

QC Batch: MSV/29792

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92230130009

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 1358257)
  - Bromomethane
  - Chloroethane
  - Dichlorodifluoromethane
  - Trichlorofluoromethane

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Sample: MW-2 **Lab ID: 92230159001** Collected: 12/16/14 11:05 Received: 12/17/14 15:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	309-00-2	
alpha-BHC	**7.3**	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	319-84-6	
beta-BHC	**1.4**	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	319-85-7	
delta-BHC	**8.7**	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	319-86-8	
gamma-BHC (Lindane)	**2.5**	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	58-89-9	
Chlordane (Technical)	ND	ug/L	5.0	25	12/23/14 08:14	12/24/14 17:42	57-74-9	
4,4'-DDD	ND	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	72-54-8	
4,4'-DDE	ND	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	72-55-9	
4,4'-DDT	ND	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	50-29-3	
Dieldrin	ND	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	60-57-1	
Endosulfan I	ND	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	959-98-8	
Endosulfan II	ND	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	33213-65-9	
Endosulfan sulfate	ND	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	1031-07-8	
Endrin	ND	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	72-20-8	
Endrin aldehyde	ND	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	7421-93-4	
Endrin ketone	ND	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	53494-70-5	
Heptachlor	ND	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	76-44-8	
Heptachlor epoxide	ND	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	1024-57-3	
Hexachlorobenzene	ND	ug/L	1.2	25	12/23/14 08:14	12/24/14 17:42	118-74-1	
Methoxychlor	ND	ug/L	3.8	25	12/23/14 08:14	12/24/14 17:42	72-43-5	
Mirex	ND	ug/L	3.8	25	12/23/14 08:14	12/24/14 17:42	2385-85-5	
Toxaphene	ND	ug/L	5.0	25	12/23/14 08:14	12/24/14 17:42	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	25	12/23/14 08:14	12/24/14 17:42	877-09-8	D3,S4
Decachlorobiphenyl (S)	0	%	20-130	25	12/23/14 08:14	12/24/14 17:42	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/23/14 15:29	67-64-1	
Benzene	**3.4**	ug/L	1.0	1		12/23/14 15:29	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/23/14 15:29	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/23/14 15:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/23/14 15:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/23/14 15:29	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/23/14 15:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/23/14 15:29	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/23/14 15:29	56-23-5	
Chlorobenzene	**10.2**	ug/L	1.0	1		12/23/14 15:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/23/14 15:29	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/23/14 15:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/23/14 15:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/23/14 15:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/23/14 15:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/23/14 15:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/23/14 15:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/23/14 15:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/23/14 15:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/23/14 15:29	95-50-1	

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ANALYTICAL RESULTS

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Sample: MW-2 **Lab ID: 92230159001** Collected: 12/16/14 11:05 Received: 12/17/14 15:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/23/14 15:29	541-73-1	
1,4-Dichlorobenzene	**1.6**	ug/L	1.0	1		12/23/14 15:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/23/14 15:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/23/14 15:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/23/14 15:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/23/14 15:29	75-35-4	
cis-1,2-Dichloroethene	**77.2**	ug/L	1.0	1		12/23/14 15:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/14 15:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/23/14 15:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/23/14 15:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/23/14 15:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/23/14 15:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/14 15:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/14 15:29	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/23/14 15:29	108-20-3	
Ethylbenzene	**1.4**	ug/L	1.0	1		12/23/14 15:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/23/14 15:29	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/23/14 15:29	591-78-6	
p-Isopropyltoluene	**1.6**	ug/L	1.0	1		12/23/14 15:29	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/23/14 15:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/23/14 15:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/23/14 15:29	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/23/14 15:29	91-20-3	
Styrene	ND	ug/L	1.0	1		12/23/14 15:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/14 15:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/14 15:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/23/14 15:29	127-18-4	
Toluene	ND	ug/L	1.0	1		12/23/14 15:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/23/14 15:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/23/14 15:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/23/14 15:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/23/14 15:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/23/14 15:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/23/14 15:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/23/14 15:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/23/14 15:29	108-05-4	
Vinyl chloride	**88.1**	ug/L	1.0	1		12/23/14 15:29	75-01-4	
Xylene (Total)	**2.3**	ug/L	2.0	1		12/23/14 15:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/23/14 15:29	179601-23-1	
o-Xylene	**2.3**	ug/L	1.0	1		12/23/14 15:29	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	88	%	70-130	1		12/23/14 15:29	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		12/23/14 15:29	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		12/23/14 15:29	2037-26-5	

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ANALYTICAL RESULTS

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Sample: MW-17 **Lab ID: 92230159002** Collected: 12/16/14 15:20 Received: 12/17/14 15:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	309-00-2	
alpha-BHC	**0.35**	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	319-84-6	
beta-BHC	**1.2**	ug/L	0.10	2	12/23/14 08:14	12/24/14 18:00	319-85-7	
delta-BHC	**0.47**	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	319-86-8	
gamma-BHC (Lindane)	**0.098**	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	12/23/14 08:14	12/23/14 18:16	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	72-55-9	
4,4'-DDT	**0.13**	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	50-29-3	
Dieldrin	**0.17**	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	1031-07-8	
Endrin	**0.40**	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	7421-93-4	
Endrin ketone	**0.65**	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:16	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	12/23/14 08:14	12/23/14 18:16	72-43-5	
Mirex	ND	ug/L	0.15	1	12/23/14 08:14	12/23/14 18:16	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	12/23/14 08:14	12/23/14 18:16	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	37	%	20-130	1	12/23/14 08:14	12/23/14 18:16	877-09-8	
Decachlorobiphenyl (S)	22	%	20-130	1	12/23/14 08:14	12/23/14 18:16	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	125	5		12/23/14 14:56	67-64-1	
Benzene	ND	ug/L	5.0	5		12/23/14 14:56	71-43-2	
Bromobenzene	ND	ug/L	5.0	5		12/23/14 14:56	108-86-1	
Bromochloromethane	ND	ug/L	5.0	5		12/23/14 14:56	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	5		12/23/14 14:56	75-27-4	
Bromoform	ND	ug/L	5.0	5		12/23/14 14:56	75-25-2	
Bromomethane	ND	ug/L	10.0	5		12/23/14 14:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	5		12/23/14 14:56	78-93-3	
Carbon tetrachloride	ND	ug/L	5.0	5		12/23/14 14:56	56-23-5	
Chlorobenzene	ND	ug/L	5.0	5		12/23/14 14:56	108-90-7	
Chloroethane	ND	ug/L	5.0	5		12/23/14 14:56	75-00-3	
Chloroform	ND	ug/L	5.0	5		12/23/14 14:56	67-66-3	
Chloromethane	ND	ug/L	5.0	5		12/23/14 14:56	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	5		12/23/14 14:56	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	5		12/23/14 14:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	5		12/23/14 14:56	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	5		12/23/14 14:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	5		12/23/14 14:56	106-93-4	
Dibromomethane	ND	ug/L	5.0	5		12/23/14 14:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	5		12/23/14 14:56	95-50-1	

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ANALYTICAL RESULTS

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Sample: MW-17 **Lab ID: 92230159002** Collected: 12/16/14 15:20 Received: 12/17/14 15:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	5.0	5		12/23/14 14:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	5		12/23/14 14:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	5		12/23/14 14:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	5		12/23/14 14:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	5		12/23/14 14:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	5		12/23/14 14:56	75-35-4	
cis-1,2-Dichloroethene	**993**	ug/L	5.0	5		12/23/14 14:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	5		12/23/14 14:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	5		12/23/14 14:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	5		12/23/14 14:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	5		12/23/14 14:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	5		12/23/14 14:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	5		12/23/14 14:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	5		12/23/14 14:56	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	5		12/23/14 14:56	108-20-3	
Ethylbenzene	ND	ug/L	5.0	5		12/23/14 14:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	5		12/23/14 14:56	87-68-3	
2-Hexanone	ND	ug/L	25.0	5		12/23/14 14:56	591-78-6	
p-Isopropyltoluene	ND	ug/L	5.0	5		12/23/14 14:56	99-87-6	
Methylene Chloride	ND	ug/L	10.0	5		12/23/14 14:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	5		12/23/14 14:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	5		12/23/14 14:56	1634-04-4	
Naphthalene	**5.4**	ug/L	5.0	5		12/23/14 14:56	91-20-3	
Styrene	ND	ug/L	5.0	5		12/23/14 14:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	5		12/23/14 14:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	5		12/23/14 14:56	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	5		12/23/14 14:56	127-18-4	
Toluene	ND	ug/L	5.0	5		12/23/14 14:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	5		12/23/14 14:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	5		12/23/14 14:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	5		12/23/14 14:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	5		12/23/14 14:56	79-00-5	
Trichloroethene	**2340**	ug/L	20.0	20		12/28/14 21:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	5		12/23/14 14:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	5		12/23/14 14:56	96-18-4	
Vinyl acetate	ND	ug/L	10.0	5		12/23/14 14:56	108-05-4	
Vinyl chloride	**20.1**	ug/L	5.0	5		12/23/14 14:56	75-01-4	
Xylene (Total)	ND	ug/L	10.0	5		12/23/14 14:56	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	5		12/23/14 14:56	179601-23-1	
o-Xylene	ND	ug/L	5.0	5		12/23/14 14:56	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	88	%	70-130	5		12/23/14 14:56	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	5		12/23/14 14:56	17060-07-0	
Toluene-d8 (S)	103	%	70-130	5		12/23/14 14:56	2037-26-5	

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ANALYTICAL RESULTS

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Sample: MW-3 **Lab ID: 92230159003** Collected: 12/16/14 16:35 Received: 12/17/14 15:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	319-84-6	
beta-BHC	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	319-85-7	
delta-BHC	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	12/23/14 08:14	12/23/14 18:33	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	50-29-3	
Dieldrin	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	1031-07-8	
Endrin	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:33	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	12/23/14 08:14	12/23/14 18:33	72-43-5	
Mirex	ND	ug/L	0.15	1	12/23/14 08:14	12/23/14 18:33	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	12/23/14 08:14	12/23/14 18:33	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	42	%	20-130	1	12/23/14 08:14	12/23/14 18:33	877-09-8	
Decachlorobiphenyl (S)	53	%	20-130	1	12/23/14 08:14	12/23/14 18:33	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/23/14 07:39	67-64-1	
Benzene	ND	ug/L	1.0	1		12/23/14 07:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/23/14 07:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/23/14 07:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/23/14 07:39	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/23/14 07:39	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/23/14 07:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/23/14 07:39	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/23/14 07:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/23/14 07:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/23/14 07:39	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/23/14 07:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/23/14 07:39	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/23/14 07:39	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/23/14 07:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/23/14 07:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/23/14 07:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/23/14 07:39	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/23/14 07:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/23/14 07:39	95-50-1	

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ANALYTICAL RESULTS

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Sample: MW-3 **Lab ID: 92230159003** Collected: 12/16/14 16:35 Received: 12/17/14 15:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/23/14 07:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/23/14 07:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/23/14 07:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/23/14 07:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/23/14 07:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/23/14 07:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/14 07:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/14 07:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/23/14 07:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/23/14 07:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/23/14 07:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/23/14 07:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/14 07:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/14 07:39	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/23/14 07:39	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/23/14 07:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/23/14 07:39	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/23/14 07:39	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/23/14 07:39	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/23/14 07:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/23/14 07:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/23/14 07:39	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/23/14 07:39	91-20-3	
Styrene	ND	ug/L	1.0	1		12/23/14 07:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/14 07:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/14 07:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/23/14 07:39	127-18-4	
Toluene	**1.2**	ug/L	1.0	1		12/23/14 07:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/23/14 07:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/23/14 07:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/23/14 07:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/23/14 07:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/23/14 07:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/23/14 07:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/23/14 07:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/23/14 07:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/23/14 07:39	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/23/14 07:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/23/14 07:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/23/14 07:39	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	89	%	70-130	1		12/23/14 07:39	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		12/23/14 07:39	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		12/23/14 07:39	2037-26-5	

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ANALYTICAL RESULTS

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Sample: MW-12 **Lab ID: 92230159004** Collected: 12/16/14 17:50 Received: 12/17/14 15:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	309-00-2	
alpha-BHC	**0.073**	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	319-84-6	
beta-BHC	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	319-85-7	
delta-BHC	**0.058**	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	319-86-8	
gamma-BHC (Lindane)	**0.20**	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	12/23/14 08:14	12/23/14 18:51	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	50-29-3	
Dieldrin	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	1031-07-8	
Endrin	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	12/23/14 08:14	12/23/14 18:51	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	12/23/14 08:14	12/23/14 18:51	72-43-5	
Mirex	ND	ug/L	0.15	1	12/23/14 08:14	12/23/14 18:51	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	12/23/14 08:14	12/23/14 18:51	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	76	%	20-130	1	12/23/14 08:14	12/23/14 18:51	877-09-8	
Decachlorobiphenyl (S)	86	%	20-130	1	12/23/14 08:14	12/23/14 18:51	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/23/14 07:56	67-64-1	
Benzene	ND	ug/L	1.0	1		12/23/14 07:56	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/23/14 07:56	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/23/14 07:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/23/14 07:56	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/23/14 07:56	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/23/14 07:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/23/14 07:56	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/23/14 07:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/23/14 07:56	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/23/14 07:56	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/23/14 07:56	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/23/14 07:56	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/23/14 07:56	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/23/14 07:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/23/14 07:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/23/14 07:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/23/14 07:56	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/23/14 07:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/23/14 07:56	95-50-1	

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ANALYTICAL RESULTS

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Sample: MW-12 **Lab ID: 92230159004** Collected: 12/16/14 17:50 Received: 12/17/14 15:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/23/14 07:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/23/14 07:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/23/14 07:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/23/14 07:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/23/14 07:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/23/14 07:56	75-35-4	
cis-1,2-Dichloroethene	**3.4**	ug/L	1.0	1		12/23/14 07:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/14 07:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/23/14 07:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/23/14 07:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/23/14 07:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/23/14 07:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/14 07:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/14 07:56	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/23/14 07:56	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/23/14 07:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/23/14 07:56	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/23/14 07:56	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/23/14 07:56	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/23/14 07:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/23/14 07:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/23/14 07:56	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/23/14 07:56	91-20-3	
Styrene	ND	ug/L	1.0	1		12/23/14 07:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/14 07:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/14 07:56	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/23/14 07:56	127-18-4	
Toluene	ND	ug/L	1.0	1		12/23/14 07:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/23/14 07:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/23/14 07:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/23/14 07:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/23/14 07:56	79-00-5	
Trichloroethene	**21.2**	ug/L	1.0	1		12/23/14 07:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/23/14 07:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/23/14 07:56	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/23/14 07:56	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/23/14 07:56	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/23/14 07:56	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/23/14 07:56	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/23/14 07:56	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	89	%	70-130	1		12/23/14 07:56	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		12/23/14 07:56	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		12/23/14 07:56	2037-26-5	

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ANALYTICAL RESULTS

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Sample: Trip Blank **Lab ID: 92230159005** Collected: 12/16/14 00:00 Received: 12/17/14 15:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/23/14 08:12	67-64-1	
Benzene	ND	ug/L	1.0	1		12/23/14 08:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/23/14 08:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/23/14 08:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/23/14 08:12	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/23/14 08:12	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/23/14 08:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/23/14 08:12	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/23/14 08:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/23/14 08:12	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/23/14 08:12	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/23/14 08:12	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/23/14 08:12	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/23/14 08:12	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/23/14 08:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/23/14 08:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/23/14 08:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/23/14 08:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/23/14 08:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/23/14 08:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/23/14 08:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/23/14 08:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/23/14 08:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/23/14 08:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/23/14 08:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/23/14 08:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/14 08:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/23/14 08:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/23/14 08:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/23/14 08:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/23/14 08:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/23/14 08:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/14 08:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/23/14 08:12	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/23/14 08:12	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/23/14 08:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/23/14 08:12	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/23/14 08:12	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/23/14 08:12	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/23/14 08:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/23/14 08:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/23/14 08:12	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/23/14 08:12	91-20-3	
Styrene	ND	ug/L	1.0	1		12/23/14 08:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/14 08:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/23/14 08:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/23/14 08:12	127-18-4	

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ANALYTICAL RESULTS

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Sample: Trip Blank **Lab ID: 92230159005** Collected: 12/16/14 00:00 Received: 12/17/14 15:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		12/23/14 08:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/23/14 08:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/23/14 08:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/23/14 08:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/23/14 08:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/23/14 08:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/23/14 08:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/23/14 08:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/23/14 08:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/23/14 08:12	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/23/14 08:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/23/14 08:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/23/14 08:12	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	89	%	70-130	1		12/23/14 08:12	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		12/23/14 08:12	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		12/23/14 08:12	2037-26-5	

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QUALITY CONTROL DATA

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

QC Batch: MSV/29791 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92230159003, 92230159004, 92230159005

METHOD BLANK: 1358251 Matrix: Water
Associated Lab Samples: 92230159003, 92230159004, 92230159005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/23/14 07:05	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/23/14 07:05	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/23/14 07:05	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/23/14 07:05	
1,1-Dichloroethane	ug/L	ND	1.0	12/23/14 07:05	
1,1-Dichloroethene	ug/L	ND	1.0	12/23/14 07:05	
1,1-Dichloropropene	ug/L	ND	1.0	12/23/14 07:05	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	12/23/14 07:05	
1,2,3-Trichloropropane	ug/L	ND	1.0	12/23/14 07:05	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	12/23/14 07:05	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	12/23/14 07:05	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/23/14 07:05	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/23/14 07:05	
1,2-Dichloroethane	ug/L	ND	1.0	12/23/14 07:05	
1,2-Dichloropropane	ug/L	ND	1.0	12/23/14 07:05	
1,3-Dichlorobenzene	ug/L	ND	1.0	12/23/14 07:05	
1,3-Dichloropropane	ug/L	ND	1.0	12/23/14 07:05	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/23/14 07:05	
2,2-Dichloropropane	ug/L	ND	1.0	12/23/14 07:05	
2-Butanone (MEK)	ug/L	ND	5.0	12/23/14 07:05	
2-Chlorotoluene	ug/L	ND	1.0	12/23/14 07:05	
2-Hexanone	ug/L	ND	5.0	12/23/14 07:05	
4-Chlorotoluene	ug/L	ND	1.0	12/23/14 07:05	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/23/14 07:05	
Acetone	ug/L	ND	25.0	12/23/14 07:05	
Benzene	ug/L	ND	1.0	12/23/14 07:05	
Bromobenzene	ug/L	ND	1.0	12/23/14 07:05	
Bromochloromethane	ug/L	ND	1.0	12/23/14 07:05	
Bromodichloromethane	ug/L	ND	1.0	12/23/14 07:05	
Bromoform	ug/L	ND	1.0	12/23/14 07:05	
Bromomethane	ug/L	ND	2.0	12/23/14 07:05	
Carbon tetrachloride	ug/L	ND	1.0	12/23/14 07:05	
Chlorobenzene	ug/L	ND	1.0	12/23/14 07:05	
Chloroethane	ug/L	ND	1.0	12/23/14 07:05	
Chloroform	ug/L	ND	1.0	12/23/14 07:05	
Chloromethane	ug/L	ND	1.0	12/23/14 07:05	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/23/14 07:05	
cis-1,3-Dichloropropene	ug/L	ND	1.0	12/23/14 07:05	
Dibromochloromethane	ug/L	ND	1.0	12/23/14 07:05	
Dibromomethane	ug/L	ND	1.0	12/23/14 07:05	
Dichlorodifluoromethane	ug/L	ND	1.0	12/23/14 07:05	

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QUALITY CONTROL DATA

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

METHOD BLANK: 1358251 Matrix: Water
Associated Lab Samples: 92230159003, 92230159004, 92230159005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	12/23/14 07:05	
Ethylbenzene	ug/L	ND	1.0	12/23/14 07:05	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	12/23/14 07:05	
m&p-Xylene	ug/L	ND	2.0	12/23/14 07:05	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/23/14 07:05	
Methylene Chloride	ug/L	ND	2.0	12/23/14 07:05	
Naphthalene	ug/L	ND	1.0	12/23/14 07:05	
o-Xylene	ug/L	ND	1.0	12/23/14 07:05	
p-Isopropyltoluene	ug/L	ND	1.0	12/23/14 07:05	
Styrene	ug/L	ND	1.0	12/23/14 07:05	
Tetrachloroethene	ug/L	ND	1.0	12/23/14 07:05	
Toluene	ug/L	ND	1.0	12/23/14 07:05	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/23/14 07:05	
trans-1,3-Dichloropropene	ug/L	ND	1.0	12/23/14 07:05	
Trichloroethene	ug/L	ND	1.0	12/23/14 07:05	
Trichlorofluoromethane	ug/L	ND	1.0	12/23/14 07:05	
Vinyl acetate	ug/L	ND	2.0	12/23/14 07:05	
Vinyl chloride	ug/L	ND	1.0	12/23/14 07:05	
Xylene (Total)	ug/L	ND	2.0	12/23/14 07:05	
1,2-Dichloroethane-d4 (S)	%	100	70-130	12/23/14 07:05	
4-Bromofluorobenzene (S)	%	96	70-130	12/23/14 07:05	
Toluene-d8 (S)	%	95	70-130	12/23/14 07:05	

LABORATORY CONTROL SAMPLE: 1358252

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.5	107	70-130	
1,1,1-Trichloroethane	ug/L	50	56.5	113	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.2	102	70-130	
1,1,2-Trichloroethane	ug/L	50	53.2	106	70-130	
1,1-Dichloroethane	ug/L	50	56.7	113	70-130	
1,1-Dichloroethene	ug/L	50	56.1	112	70-132	
1,1-Dichloropropene	ug/L	50	56.5	113	70-130	
1,2,3-Trichlorobenzene	ug/L	50	52.7	105	70-135	
1,2,3-Trichloropropane	ug/L	50	52.3	105	70-130	
1,2,4-Trichlorobenzene	ug/L	50	54.0	108	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	51.4	103	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	54.8	110	70-130	
1,2-Dichlorobenzene	ug/L	50	54.5	109	70-130	
1,2-Dichloroethane	ug/L	50	54.1	108	70-130	
1,2-Dichloropropane	ug/L	50	53.2	106	70-130	
1,3-Dichlorobenzene	ug/L	50	54.6	109	70-130	
1,3-Dichloropropane	ug/L	50	53.0	106	70-130	
1,4-Dichlorobenzene	ug/L	50	54.8	110	70-130	

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QUALITY CONTROL DATA

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

LABORATORY CONTROL SAMPLE: 1358252

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	47.5	95	58-145	
2-Butanone (MEK)	ug/L	100	95.4	95	70-145	
2-Chlorotoluene	ug/L	50	48.4	97	70-130	
2-Hexanone	ug/L	100	92.2	92	70-144	
4-Chlorotoluene	ug/L	50	53.7	107	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	93.9	94	70-140	
Acetone	ug/L	100	95.8	96	50-175	
Benzene	ug/L	50	53.3	107	70-130	
Bromobenzene	ug/L	50	53.5	107	70-130	
Bromochloromethane	ug/L	50	49.7	99	70-130	
Bromodichloromethane	ug/L	50	51.4	103	70-130	
Bromoform	ug/L	50	49.5	99	70-130	
Bromomethane	ug/L	50	37.1	74	54-130	
Carbon tetrachloride	ug/L	50	55.7	111	70-132	
Chlorobenzene	ug/L	50	54.4	109	70-130	
Chloroethane	ug/L	50	52.4	105	64-134	
Chloroform	ug/L	50	56.3	113	70-130	
Chloromethane	ug/L	50	44.4	89	64-130	
cis-1,2-Dichloroethene	ug/L	50	55.3	111	70-131	
cis-1,3-Dichloropropene	ug/L	50	51.8	104	70-130	
Dibromochloromethane	ug/L	50	55.2	110	70-130	
Dibromomethane	ug/L	50	53.0	106	70-131	
Dichlorodifluoromethane	ug/L	50	74.2	148	56-130	L0
Diisopropyl ether	ug/L	50	48.3	97	70-130	
Ethylbenzene	ug/L	50	52.5	105	70-130	
Hexachloro-1,3-butadiene	ug/L	50	44.9	90	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
Methyl-tert-butyl ether	ug/L	50	49.8	100	70-130	
Methylene Chloride	ug/L	50	52.9	106	63-130	
Naphthalene	ug/L	50	51.7	103	70-138	
o-Xylene	ug/L	50	50.5	101	70-130	
p-Isopropyltoluene	ug/L	50	52.9	106	70-130	
Styrene	ug/L	50	52.2	104	70-130	
Tetrachloroethene	ug/L	50	52.5	105	70-130	
Toluene	ug/L	50	52.9	106	70-130	
trans-1,2-Dichloroethene	ug/L	50	57.0	114	70-130	
trans-1,3-Dichloropropene	ug/L	50	51.7	103	70-132	
Trichloroethene	ug/L	50	53.0	106	70-130	
Trichlorofluoromethane	ug/L	50	64.9	130	62-133	
Vinyl acetate	ug/L	100	96.1	96	66-157	
Vinyl chloride	ug/L	50	52.6	105	50-150	
Xylene (Total)	ug/L	150	154	103	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

MATRIX SPIKE SAMPLE: 1358253

Parameter	Units	92230130003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20.9	105	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	25.0	125	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20.4	102	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	20.8	104	70-130	
1,1-Dichloroethane	ug/L	ND	20	25.0	125	70-130	
1,1-Dichloroethene	ug/L	ND	20	25.8	129	70-166	
1,1-Dichloropropene	ug/L	ND	20	25.2	126	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	20	18.9	94	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	21.5	108	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	19.7	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	18.1	91	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	21.2	106	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	21.5	108	70-130	
1,2-Dichloroethane	ug/L	ND	20	22.9	114	70-130	
1,2-Dichloropropane	ug/L	ND	20	21.4	107	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	21.9	109	70-130	
1,3-Dichloropropane	ug/L	ND	20	21.4	107	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	21.8	109	70-130	
2,2-Dichloropropane	ug/L	ND	20	18.1	90	70-130	
2-Butanone (MEK)	ug/L	ND	40	36.3	91	70-130	
2-Chlorotoluene	ug/L	ND	20	20.6	103	70-130	
2-Hexanone	ug/L	ND	40	36.0	90	70-130	
4-Chlorotoluene	ug/L	ND	20	22.6	113	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	37.0	93	70-130	
Acetone	ug/L	ND	40	42.1	104	70-130	
Benzene	ug/L	ND	20	23.3	117	70-148	
Bromobenzene	ug/L	ND	20	22.1	110	70-130	
Bromochloromethane	ug/L	ND	20	22.4	112	70-130	
Bromodichloromethane	ug/L	ND	20	20.4	102	70-130	
Bromoform	ug/L	ND	20	16.5	82	70-130	
Bromomethane	ug/L	ND	20	4.6	23	70-130	M0
Carbon tetrachloride	ug/L	ND	20	23.3	116	70-130	
Chlorobenzene	ug/L	ND	20	22.2	110	70-146	
Chloroethane	ug/L	ND	20	28.4	142	70-130	M0
Chloroform	ug/L	ND	20	24.9	124	70-130	
Chloromethane	ug/L	ND	20	18.6	93	70-130	
cis-1,2-Dichloroethene	ug/L	ND	20	23.6	118	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	19.4	97	70-130	
Dibromochloromethane	ug/L	ND	20	19.3	96	70-130	
Dibromomethane	ug/L	ND	20	20.1	101	70-130	
Dichlorodifluoromethane	ug/L	ND	20	33.5	168	70-130	M0
Diisopropyl ether	ug/L	ND	20	20.0	100	70-130	
Ethylbenzene	ug/L	ND	20	22.6	113	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	21.3	107	70-130	
m&p-Xylene	ug/L	ND	40	44.7	111	70-130	
Methyl-tert-butyl ether	ug/L	ND	20	20.6	103	70-130	
Methylene Chloride	ug/L	ND	20	21.6	108	70-130	

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QUALITY CONTROL DATA

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

MATRIX SPIKE SAMPLE: 1358253

Parameter	Units	92230130003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	ND	20	18.5	92	70-130	
o-Xylene	ug/L	ND	20	20.7	104	70-130	
p-Isopropyltoluene	ug/L	ND	20	20.8	104	70-130	
Styrene	ug/L	ND	20	20.7	104	70-130	
Tetrachloroethene	ug/L	ND	20	20.9	104	70-130	
Toluene	ug/L	ND	20	22.8	113	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	23.7	118	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	19.4	97	70-130	
Trichloroethene	ug/L	ND	20	21.8	109	69-151	
Trichlorofluoromethane	ug/L	ND	20	29.3	146	70-130	M0
Vinyl acetate	ug/L	ND	40	30.3	76	70-130	
Vinyl chloride	ug/L	ND	20	21.9	109	70-130	
1,2-Dichloroethane-d4 (S)	%				106	70-130	
4-Bromofluorobenzene (S)	%				90	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 1358254

Parameter	Units	92230130004 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		
1,1,1-Trichloroethane	ug/L	ND	ND		
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		
1,1,2-Trichloroethane	ug/L	ND	ND		
1,1-Dichloroethane	ug/L	ND	ND		
1,1-Dichloroethene	ug/L	ND	ND		
1,1-Dichloropropene	ug/L	ND	ND		
1,2,3-Trichlorobenzene	ug/L	ND	ND		
1,2,3-Trichloropropane	ug/L	ND	ND		
1,2,4-Trichlorobenzene	ug/L	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
1,2-Dichlorobenzene	ug/L	ND	ND		
1,2-Dichloroethane	ug/L	ND	ND		
1,2-Dichloropropane	ug/L	ND	ND		
1,3-Dichlorobenzene	ug/L	ND	ND		
1,3-Dichloropropane	ug/L	ND	ND		
1,4-Dichlorobenzene	ug/L	ND	ND		
2,2-Dichloropropane	ug/L	ND	ND		
2-Butanone (MEK)	ug/L	ND	ND		
2-Chlorotoluene	ug/L	ND	ND		
2-Hexanone	ug/L	ND	ND		
4-Chlorotoluene	ug/L	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		
Acetone	ug/L	ND	ND		
Benzene	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

SAMPLE DUPLICATE: 1358254

Parameter	Units	92230130004 Result	Dup Result	RPD	Qualifiers
Bromobenzene	ug/L	ND	ND		
Bromochloromethane	ug/L	ND	ND		
Bromodichloromethane	ug/L	ND	ND		
Bromoform	ug/L	ND	ND		
Bromomethane	ug/L	ND	ND		
Carbon tetrachloride	ug/L	ND	ND		
Chlorobenzene	ug/L	ND	ND		
Chloroethane	ug/L	ND	ND		
Chloroform	ug/L	ND	ND		
Chloromethane	ug/L	ND	ND		
cis-1,2-Dichloroethene	ug/L	ND	.31J		
cis-1,3-Dichloropropene	ug/L	ND	ND		
Dibromochloromethane	ug/L	ND	ND		
Dibromomethane	ug/L	ND	ND		
Dichlorodifluoromethane	ug/L	ND	ND		
Diisopropyl ether	ug/L	ND	ND		
Ethylbenzene	ug/L	ND	ND		
Hexachloro-1,3-butadiene	ug/L	ND	ND		
m&p-Xylene	ug/L	ND	ND		
Methyl-tert-butyl ether	ug/L	ND	ND		
Methylene Chloride	ug/L	ND	ND		
Naphthalene	ug/L	ND	ND		
o-Xylene	ug/L	ND	ND		
p-Isopropyltoluene	ug/L	ND	ND		
Styrene	ug/L	ND	ND		
Tetrachloroethene	ug/L	ND	.6J		
Toluene	ug/L	ND	ND		
trans-1,2-Dichloroethene	ug/L	ND	ND		
trans-1,3-Dichloropropene	ug/L	ND	ND		
Trichloroethene	ug/L	ND	ND		
Trichlorofluoromethane	ug/L	ND	ND		
Vinyl acetate	ug/L	ND	ND		
Vinyl chloride	ug/L	ND	ND		
Xylene (Total)	ug/L	ND	ND		
1,2-Dichloroethane-d4 (S)	%	105	106	1	
4-Bromofluorobenzene (S)	%	89	89	0	
Toluene-d8 (S)	%	96	96	1	

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QUALITY CONTROL DATA

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

QC Batch: MSV/29792 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92230159001, 92230159002

METHOD BLANK: 1358255 Matrix: Water
Associated Lab Samples: 92230159001, 92230159002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/23/14 07:22	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/23/14 07:22	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/23/14 07:22	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/23/14 07:22	
1,1-Dichloroethane	ug/L	ND	1.0	12/23/14 07:22	
1,1-Dichloroethene	ug/L	ND	1.0	12/23/14 07:22	
1,1-Dichloropropene	ug/L	ND	1.0	12/23/14 07:22	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	12/23/14 07:22	
1,2,3-Trichloropropane	ug/L	ND	1.0	12/23/14 07:22	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	12/23/14 07:22	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	12/23/14 07:22	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/23/14 07:22	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/23/14 07:22	
1,2-Dichloroethane	ug/L	ND	1.0	12/23/14 07:22	
1,2-Dichloropropane	ug/L	ND	1.0	12/23/14 07:22	
1,3-Dichlorobenzene	ug/L	ND	1.0	12/23/14 07:22	
1,3-Dichloropropane	ug/L	ND	1.0	12/23/14 07:22	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/23/14 07:22	
2,2-Dichloropropane	ug/L	ND	1.0	12/23/14 07:22	
2-Butanone (MEK)	ug/L	ND	5.0	12/23/14 07:22	
2-Chlorotoluene	ug/L	ND	1.0	12/23/14 07:22	
2-Hexanone	ug/L	ND	5.0	12/23/14 07:22	
4-Chlorotoluene	ug/L	ND	1.0	12/23/14 07:22	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/23/14 07:22	
Acetone	ug/L	ND	25.0	12/23/14 07:22	
Benzene	ug/L	ND	1.0	12/23/14 07:22	
Bromobenzene	ug/L	ND	1.0	12/23/14 07:22	
Bromochloromethane	ug/L	ND	1.0	12/23/14 07:22	
Bromodichloromethane	ug/L	ND	1.0	12/23/14 07:22	
Bromoform	ug/L	ND	1.0	12/23/14 07:22	
Bromomethane	ug/L	ND	2.0	12/23/14 07:22	
Carbon tetrachloride	ug/L	ND	1.0	12/23/14 07:22	
Chlorobenzene	ug/L	ND	1.0	12/23/14 07:22	
Chloroethane	ug/L	ND	1.0	12/23/14 07:22	
Chloroform	ug/L	ND	1.0	12/23/14 07:22	
Chloromethane	ug/L	ND	1.0	12/23/14 07:22	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/23/14 07:22	
cis-1,3-Dichloropropene	ug/L	ND	1.0	12/23/14 07:22	
Dibromochloromethane	ug/L	ND	1.0	12/23/14 07:22	
Dibromomethane	ug/L	ND	1.0	12/23/14 07:22	
Dichlorodifluoromethane	ug/L	ND	1.0	12/23/14 07:22	

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QUALITY CONTROL DATA

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

METHOD BLANK: 1358255 Matrix: Water
Associated Lab Samples: 92230159001, 92230159002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	12/23/14 07:22	
Ethylbenzene	ug/L	ND	1.0	12/23/14 07:22	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	12/23/14 07:22	
m&p-Xylene	ug/L	ND	2.0	12/23/14 07:22	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/23/14 07:22	
Methylene Chloride	ug/L	ND	2.0	12/23/14 07:22	
Naphthalene	ug/L	ND	1.0	12/23/14 07:22	
o-Xylene	ug/L	ND	1.0	12/23/14 07:22	
p-Isopropyltoluene	ug/L	ND	1.0	12/23/14 07:22	
Styrene	ug/L	ND	1.0	12/23/14 07:22	
Tetrachloroethene	ug/L	ND	1.0	12/23/14 07:22	
Toluene	ug/L	ND	1.0	12/23/14 07:22	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/23/14 07:22	
trans-1,3-Dichloropropene	ug/L	ND	1.0	12/23/14 07:22	
Trichloroethene	ug/L	ND	1.0	12/23/14 07:22	
Trichlorofluoromethane	ug/L	ND	1.0	12/23/14 07:22	
Vinyl acetate	ug/L	ND	2.0	12/23/14 07:22	
Vinyl chloride	ug/L	ND	1.0	12/23/14 07:22	
Xylene (Total)	ug/L	ND	2.0	12/23/14 07:22	
1,2-Dichloroethane-d4 (S)	%	99	70-130	12/23/14 07:22	
4-Bromofluorobenzene (S)	%	98	70-130	12/23/14 07:22	
Toluene-d8 (S)	%	97	70-130	12/23/14 07:22	

LABORATORY CONTROL SAMPLE: 1358256

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.2	108	70-130	
1,1,1-Trichloroethane	ug/L	50	59.0	118	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.8	106	70-130	
1,1,2-Trichloroethane	ug/L	50	55.9	112	70-130	
1,1-Dichloroethane	ug/L	50	59.0	118	70-130	
1,1-Dichloroethene	ug/L	50	60.4	121	70-132	
1,1-Dichloropropene	ug/L	50	58.8	118	70-130	
1,2,3-Trichlorobenzene	ug/L	50	53.3	107	70-135	
1,2,3-Trichloropropane	ug/L	50	53.9	108	70-130	
1,2,4-Trichlorobenzene	ug/L	50	54.4	109	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	54.1	108	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	57.0	114	70-130	
1,2-Dichlorobenzene	ug/L	50	56.5	113	70-130	
1,2-Dichloroethane	ug/L	50	56.2	112	70-130	
1,2-Dichloropropane	ug/L	50	56.0	112	70-130	
1,3-Dichlorobenzene	ug/L	50	55.6	111	70-130	
1,3-Dichloropropane	ug/L	50	54.4	109	70-130	
1,4-Dichlorobenzene	ug/L	50	56.5	113	70-130	

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QUALITY CONTROL DATA

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

LABORATORY CONTROL SAMPLE: 1358256

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	51.7	103	58-145	
2-Butanone (MEK)	ug/L	100	100	100	70-145	
2-Chlorotoluene	ug/L	50	50.1	100	70-130	
2-Hexanone	ug/L	100	94.1	94	70-144	
4-Chlorotoluene	ug/L	50	54.7	109	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	98.6	99	70-140	
Acetone	ug/L	100	101	101	50-175	
Benzene	ug/L	50	55.6	111	70-130	
Bromobenzene	ug/L	50	55.5	111	70-130	
Bromochloromethane	ug/L	50	53.4	107	70-130	
Bromodichloromethane	ug/L	50	54.3	109	70-130	
Bromoform	ug/L	50	52.3	105	70-130	
Bromomethane	ug/L	50	38.0	76	54-130	
Carbon tetrachloride	ug/L	50	56.2	112	70-132	
Chlorobenzene	ug/L	50	55.5	111	70-130	
Chloroethane	ug/L	50	49.5	99	64-134	
Chloroform	ug/L	50	59.7	119	70-130	
Chloromethane	ug/L	50	46.3	93	64-130	
cis-1,2-Dichloroethene	ug/L	50	58.2	116	70-131	
cis-1,3-Dichloropropene	ug/L	50	54.4	109	70-130	
Dibromochloromethane	ug/L	50	56.3	113	70-130	
Dibromomethane	ug/L	50	56.5	113	70-131	
Dichlorodifluoromethane	ug/L	50	73.8	148	56-130	L0
Diisopropyl ether	ug/L	50	52.1	104	70-130	
Ethylbenzene	ug/L	50	52.7	105	70-130	
Hexachloro-1,3-butadiene	ug/L	50	44.5	89	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
Methyl-tert-butyl ether	ug/L	50	51.6	103	70-130	
Methylene Chloride	ug/L	50	55.8	112	63-130	
Naphthalene	ug/L	50	52.9	106	70-138	
o-Xylene	ug/L	50	51.8	104	70-130	
p-Isopropyltoluene	ug/L	50	53.2	106	70-130	
Styrene	ug/L	50	53.7	107	70-130	
Tetrachloroethene	ug/L	50	53.9	108	70-130	
Toluene	ug/L	50	55.1	110	70-130	
trans-1,2-Dichloroethene	ug/L	50	59.8	120	70-130	
trans-1,3-Dichloropropene	ug/L	50	54.1	108	70-132	
Trichloroethene	ug/L	50	55.1	110	70-130	
Trichlorofluoromethane	ug/L	50	65.0	130	62-133	
Vinyl acetate	ug/L	100	98.7	99	66-157	
Vinyl chloride	ug/L	50	53.5	107	50-150	
Xylene (Total)	ug/L	150	156	104	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

MATRIX SPIKE SAMPLE: 1358257

Parameter	Units	92230130009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20.8	104	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	25.9	129	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	21.2	106	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	21.5	108	70-130	
1,1-Dichloroethane	ug/L	ND	20	27.0	127	70-130	
1,1-Dichloroethene	ug/L	ND	20	26.5	133	70-166	
1,1-Dichloropropene	ug/L	ND	20	25.4	127	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	20	20.0	100	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	21.7	108	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	20.9	105	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	18.4	92	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	21.8	109	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	21.9	110	70-130	
1,2-Dichloroethane	ug/L	ND	20	23.2	116	70-130	
1,2-Dichloropropane	ug/L	ND	20	22.0	110	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	22.2	111	70-130	
1,3-Dichloropropane	ug/L	ND	20	22.5	112	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	22.2	111	70-130	
2,2-Dichloropropane	ug/L	ND	20	18.6	93	70-130	
2-Butanone (MEK)	ug/L	ND	40	37.5	94	70-130	
2-Chlorotoluene	ug/L	ND	20	20.8	104	70-130	
2-Hexanone	ug/L	ND	40	37.8	94	70-130	
4-Chlorotoluene	ug/L	ND	20	22.9	114	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	37.3	93	70-130	
Acetone	ug/L	ND	40	42.8	107	70-130	
Benzene	ug/L	ND	20	25.3	122	70-148	
Bromobenzene	ug/L	ND	20	22.2	111	70-130	
Bromochloromethane	ug/L	ND	20	22.5	113	70-130	
Bromodichloromethane	ug/L	ND	20	21.1	106	70-130	
Bromoform	ug/L	ND	20	16.8	84	70-130	
Bromomethane	ug/L	ND	20	7.5	38	70-130	M0
Carbon tetrachloride	ug/L	ND	20	24.2	121	70-130	
Chlorobenzene	ug/L	10.4	20	33.2	114	70-146	
Chloroethane	ug/L	ND	20	27.5	138	70-130	M0
Chloroform	ug/L	ND	20	26.0	130	70-130	
Chloromethane	ug/L	ND	20	19.6	98	70-130	
cis-1,2-Dichloroethene	ug/L	ND	20	24.6	123	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	19.7	98	70-130	
Dibromochloromethane	ug/L	ND	20	19.7	99	70-130	
Dibromomethane	ug/L	ND	20	20.2	101	70-130	
Dichlorodifluoromethane	ug/L	ND	20	34.0	170	70-130	M0
Diisopropyl ether	ug/L	ND	20	20.9	105	70-130	
Ethylbenzene	ug/L	ND	20	22.5	113	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	22.7	114	70-130	
m&p-Xylene	ug/L	ND	40	44.6	111	70-130	
Methyl-tert-butyl ether	ug/L	ND	20	21.2	106	70-130	
Methylene Chloride	ug/L	ND	20	22.5	113	70-130	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

MATRIX SPIKE SAMPLE: 1358257

Parameter	Units	92230130009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	ND	20	19.5	98	70-130	
o-Xylene	ug/L	ND	20	21.4	106	70-130	
p-Isopropyltoluene	ug/L	ND	20	21.2	106	70-130	
Styrene	ug/L	ND	20	21.1	105	70-130	
Tetrachloroethene	ug/L	ND	20	21.5	106	70-130	
Toluene	ug/L	ND	20	22.9	114	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	25.6	128	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	19.8	99	70-130	
Trichloroethene	ug/L	ND	20	22.6	113	69-151	
Trichlorofluoromethane	ug/L	ND	20	30.7	154	70-130	M0
Vinyl acetate	ug/L	ND	40	32.2	80	70-130	
Vinyl chloride	ug/L	12.2	20	37.0	124	70-130	
1,2-Dichloroethane-d4 (S)	%				103	70-130	
4-Bromofluorobenzene (S)	%				90	70-130	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 1358258

Parameter	Units	92230130010 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		
1,1,1-Trichloroethane	ug/L	ND	ND		
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		
1,1,2-Trichloroethane	ug/L	ND	ND		
1,1-Dichloroethane	ug/L	ND	ND		
1,1-Dichloroethene	ug/L	ND	ND		
1,1-Dichloropropene	ug/L	ND	ND		
1,2,3-Trichlorobenzene	ug/L	ND	ND		
1,2,3-Trichloropropane	ug/L	ND	ND		
1,2,4-Trichlorobenzene	ug/L	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
1,2-Dichlorobenzene	ug/L	ND	ND		
1,2-Dichloroethane	ug/L	ND	ND		
1,2-Dichloropropane	ug/L	ND	ND		
1,3-Dichlorobenzene	ug/L	ND	ND		
1,3-Dichloropropane	ug/L	ND	ND		
1,4-Dichlorobenzene	ug/L	ND	ND		
2,2-Dichloropropane	ug/L	ND	ND		
2-Butanone (MEK)	ug/L	ND	ND		
2-Chlorotoluene	ug/L	ND	ND		
2-Hexanone	ug/L	ND	ND		
4-Chlorotoluene	ug/L	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		
Acetone	ug/L	ND	ND		
Benzene	ug/L	12.9	12.4	4	

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QUALITY CONTROL DATA

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

SAMPLE DUPLICATE: 1358258

Parameter	Units	92230130010 Result	Dup Result	RPD	Qualifiers
Bromobenzene	ug/L	ND	ND		
Bromochloromethane	ug/L	ND	ND		
Bromodichloromethane	ug/L	ND	ND		
Bromoform	ug/L	ND	ND		
Bromomethane	ug/L	ND	ND		
Carbon tetrachloride	ug/L	ND	ND		
Chlorobenzene	ug/L	48.1	48.6	1	
Chloroethane	ug/L	ND	ND		
Chloroform	ug/L	ND	ND		
Chloromethane	ug/L	ND	ND		
cis-1,2-Dichloroethene	ug/L	9.9	9.5	4	
cis-1,3-Dichloropropene	ug/L	ND	ND		
Dibromochloromethane	ug/L	ND	ND		
Dibromomethane	ug/L	ND	ND		
Dichlorodifluoromethane	ug/L	ND	ND		
Diisopropyl ether	ug/L	ND	.27J		
Ethylbenzene	ug/L	2.9	3.0	4	
Hexachloro-1,3-butadiene	ug/L	ND	ND		
m&p-Xylene	ug/L	10.1	10.1	0	
Methyl-tert-butyl ether	ug/L	ND	ND		
Methylene Chloride	ug/L	ND	ND		
Naphthalene	ug/L	ND	ND		
o-Xylene	ug/L	1.4	1.3	6	
p-Isopropyltoluene	ug/L	ND	ND		
Styrene	ug/L	ND	ND		
Tetrachloroethene	ug/L	ND	ND		
Toluene	ug/L	1.3	1.4	6	
trans-1,2-Dichloroethene	ug/L	ND	ND		
trans-1,3-Dichloropropene	ug/L	ND	ND		
Trichloroethene	ug/L	ND	ND		
Trichlorofluoromethane	ug/L	ND	ND		
Vinyl acetate	ug/L	ND	ND		
Vinyl chloride	ug/L	2.6	2.7	6	
Xylene (Total)	ug/L	11.5	11.4	1	
1,2-Dichloroethane-d4 (S)	%	104	104	0	
4-Bromofluorobenzene (S)	%	89	88	2	
Toluene-d8 (S)	%	100	98	2	

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QUALITY CONTROL DATA

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

QC Batch: OEXT/31889 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92230159001, 92230159002, 92230159003, 92230159004

METHOD BLANK: 1358234 Matrix: Water
Associated Lab Samples: 92230159001, 92230159002, 92230159003, 92230159004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	12/23/14 17:23	
4,4'-DDE	ug/L	ND	0.050	12/23/14 17:23	
4,4'-DDT	ug/L	ND	0.050	12/23/14 17:23	
Aldrin	ug/L	ND	0.050	12/23/14 17:23	
alpha-BHC	ug/L	ND	0.050	12/23/14 17:23	
beta-BHC	ug/L	ND	0.050	12/23/14 17:23	
Chlordane (Technical)	ug/L	ND	0.20	12/23/14 17:23	
delta-BHC	ug/L	ND	0.050	12/23/14 17:23	
Dieldrin	ug/L	ND	0.050	12/23/14 17:23	
Endosulfan I	ug/L	ND	0.050	12/23/14 17:23	
Endosulfan II	ug/L	ND	0.050	12/23/14 17:23	
Endosulfan sulfate	ug/L	ND	0.050	12/23/14 17:23	
Endrin	ug/L	ND	0.050	12/23/14 17:23	
Endrin aldehyde	ug/L	ND	0.050	12/23/14 17:23	
Endrin ketone	ug/L	ND	0.050	12/23/14 17:23	
gamma-BHC (Lindane)	ug/L	ND	0.050	12/23/14 17:23	
Heptachlor	ug/L	ND	0.050	12/23/14 17:23	
Heptachlor epoxide	ug/L	ND	0.050	12/23/14 17:23	
Hexachlorobenzene	ug/L	ND	0.050	12/23/14 17:23	
Methoxychlor	ug/L	ND	0.15	12/23/14 17:23	
Mirex	ug/L	ND	0.15	12/23/14 17:23	
Toxaphene	ug/L	ND	0.20	12/23/14 17:23	
Decachlorobiphenyl (S)	%	95	20-130	12/23/14 17:23	
Tetrachloro-m-xylene (S)	%	76	20-130	12/23/14 17:23	

LABORATORY CONTROL SAMPLE: 1358235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.27	108	20-150	
4,4'-DDE	ug/L	.25	0.22	89	20-150	
4,4'-DDT	ug/L	.25	0.27	111	20-150	
Aldrin	ug/L	.25	0.17	68	20-150	
alpha-BHC	ug/L	.25	0.26	106	20-150	
beta-BHC	ug/L	.25	0.28	113	20-150	
delta-BHC	ug/L	.25	0.29	118	20-150	
Dieldrin	ug/L	.25	0.26	103	20-150	
Endosulfan I	ug/L	.25	0.29	117	20-150	
Endosulfan II	ug/L	.25	0.28	113	20-150	
Endosulfan sulfate	ug/L	.25	0.28	115	20-150	
Endrin	ug/L	.25	0.30	122	20-150	

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QUALITY CONTROL DATA

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

LABORATORY CONTROL SAMPLE: 1358235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin aldehyde	ug/L	.25	0.24	98	20-150	
Endrin ketone	ug/L	.25	0.27	111	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.27	110	20-150	
Heptachlor	ug/L	.25	0.22	88	20-150	
Heptachlor epoxide	ug/L	.25	0.26	106	20-150	
Hexachlorobenzene	ug/L	.25	0.21	83	20-150	
Methoxychlor	ug/L	.74	0.84	113	20-150	
Mirex	ug/L	.74	0.79	107	20-150	
Decachlorobiphenyl (S)	%			39	20-130	
Tetrachloro-m-xylene (S)	%			97	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1358236 1358237

Parameter	Units	92229727001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4,4'-DDD	ug/L	ND	.5	.5	0.41	0.46	83	93	20-150	12	
4,4'-DDE	ug/L	ND	.5	.5	0.34	0.41	70	83	20-150	18	
4,4'-DDT	ug/L	ND	.5	.5	0.38	0.46	78	93	20-150	18	
Aldrin	ug/L	ND	.5	.5	0.29	0.34	59	69	20-150	15	
alpha-BHC	ug/L	ND	.5	.5	0.38	0.36	77	74	20-150	5	
beta-BHC	ug/L	ND	.5	.5	0.49	0.46	100	92	20-150	8	
delta-BHC	ug/L	ND	.5	.5	0.48	0.48	96	96	20-150	0	
Dieldrin	ug/L	ND	.5	.5	0.39	0.38	80	77	20-150	3	
Endosulfan I	ug/L	ND	.5	.5	0.43	0.43	86	86	20-150	0	
Endosulfan II	ug/L	ND	.5	.5	0.46	0.48	94	96	20-150	3	
Endosulfan sulfate	ug/L	ND	.5	.5	0.48	0.50	96	102	20-150	5	
Endrin	ug/L	ND	.5	.5	0.42	0.44	84	88	20-150	4	
Endrin aldehyde	ug/L	ND	.5	.5	0.42	0.41	85	82	20-150	4	
Endrin ketone	ug/L	ND	.5	.5	0.44	0.48	89	96	20-150	8	
gamma-BHC (Lindane)	ug/L	ND	.5	.5	0.41	0.41	83	83	20-150	0	
Heptachlor	ug/L	ND	.5	.5	0.38	0.47	76	94	20-150	22	
Heptachlor epoxide	ug/L	ND	.5	.5	0.40	0.39	81	79	20-150	3	
Hexachlorobenzene	ug/L	ND	.5	.5	0.29	0.30	59	61	20-150	4	
Methoxychlor	ug/L	ND	1.5	1.5	1.3	1.5	87	101	20-150	15	
Mirex	ug/L	ND	1.5	1.5	1.3	1.4	88	94	20-150	7	
Decachlorobiphenyl (S)	%						87	91	20-130		
Tetrachloro-m-xylene (S)	%						73	70	20-130		

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QUALIFIERS

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

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

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Legion Industries 6121-08-0484
Pace Project No.: 92230159

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92230159001	**MW-2**	EPA 3510	OEXT/31889	EPA 8081	GCSV/19904
92230159002	**MW-17**	EPA 3510	OEXT/31889	EPA 8081	GCSV/19904
92230159003	**MW-3**	EPA 3510	OEXT/31889	EPA 8081	GCSV/19904
92230159004	**MW-12**	EPA 3510	OEXT/31889	EPA 8081	GCSV/19904
92230159001	**MW-2**	EPA 8260	MSV/29792		
92230159002	**MW-17**	EPA 8260	MSV/29792		
92230159003	**MW-3**	EPA 8260	MSV/29791		
92230159004	**MW-12**	EPA 8260	MSV/29791		
92230159005	**Trip Blank**	EPA 8260	MSV/29791		

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Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Amec

Courier (Circle): Fed Ex UPS USPS Client Commercial Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

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

Thermometer Used: IR Gun#3 -130265963 IR Gun #4 SN:140290365 Other:_____ **Type of Ice:** Wet Blue None ☐ Samples on ice, cooling process has begun

Temp Correction Factor: Add / Subtract 0.0 C

Corrected Cooler Temp.: 12 / 3.6 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: 2013 12/17/14

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☑N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted:_____ Date/Time:_____

Comments/ Resolution:_____

SCURF Review: JD **Date:** 12/17/14

SRF Review: AMB **Date:** 12-18-14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

WO# : 92230159

92230159

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

1783474

Section A Required Client Information:
Company: AMEC E&I
Address: 2677 BUFORD HWY ATLANTA, GA 30324
Email To: STEVE.FOLEY@AMEC.COM
Phone: 404-814-0152 Fax:
Requested Due Date/TAT: 1 WK

Section B Required Project Information:
Report To: STEVE FOLEY
Copy To:
Purchase Order No.:
Project Name: LEGION INDUSTRIES
Project Number: 6121-08-0444

Section C Invoice Information:
Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY
NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER AIRA

Site Location STATE: GA

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	Matrix Codes (MATRIX / CODE)	MATRIX CODE (enter code in box)	SAMPLE TYPE (G=GRAB, C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N): Y/N	Analysis Test 1: 6020, 8260 B, RESTRICTED	Residual Chlorine (Y/N)	Pace Project No./Lab I.D.
1	MW-2	WT	WT	G			12/16/14	1105		4	2			2					X	X		001
2	MW-17							1520		4	2			2					X	X		002
3	MW-3							1635		4	2			2					X	X		003
4	MW-12							1850		4	2			2					X	X		004
5	TRIP BLANK									2				2					X			005
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	SHR AMEC	12/17/14	0700		12/17/14	1535	3.6	Y	N	Y

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: STEPHEN R. FOLEY
SIGNATURE of SAMPLER: SHR DATE Signed (MM/DD/YY): 12/16/14

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 03, 2015

Steve Foley
AMEC Environment & Infrastruct
396 Plasters Avenue
Atlanta, GA 30324

RE: Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Dear Steve Foley:
Enclosed are the analytical results for sample(s) received by the laboratory on December 18, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

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

Sincerely,

Kevin Godwin
kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Chuck Ferry, AMEC Environment & Infrastruct

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CERTIFICATIONS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92230389001	**MW-1**	EPA 8081	RES	24	PASI-C
		EPA 8260	GAW	63	PASI-C
92230389002	**MW-16**	EPA 8081	RES	24	PASI-C
		EPA 8260	JDW1	63	PASI-C
92230389003	**MW-18**	EPA 8081	RES	24	PASI-C
		EPA 8260	GAW	63	PASI-C
92230389004	**PZ-2**	EPA 8081	RES	24	PASI-C
		EPA 8260	GAW	63	PASI-C
92230389005	**MW-13**	EPA 8081	RES	24	PASI-C
		EPA 8260	GAW	63	PASI-C
92230389007	**MW-15**	EPA 8081	RES	24	PASI-C
		EPA 8260	GAW	63	PASI-C
92230389008	**MW-4**	EPA 8081	RES	24	PASI-C
		EPA 8260	GAW	63	PASI-C
92230389009	**Trip Blank**	EPA 8260	GAW	63	PASI-C
92230389010	**DUP**	EPA 8081	RES	24	PASI-C
		EPA 8260	JDW1	63	PASI-C

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SUMMARY OF DETECTION

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92230389001	**MW-1**					
EPA 8081	beta-BHC	0.082	ug/L	0.050	12/24/14 18:53	
EPA 8081	Dieldrin	0.058	ug/L	0.050	12/24/14 18:53	
EPA 8081	Endrin ketone	0.17	ug/L	0.050	12/24/14 18:53	
EPA 8260	cis-1,2-Dichloroethene	709	ug/L	10.0	12/24/14 09:45	
EPA 8260	Trichloroethene	612	ug/L	10.0	12/24/14 09:45	
92230389002	**MW-16**					
EPA 8081	beta-BHC	0.48	ug/L	0.25	12/29/14 12:15	
EPA 8081	delta-BHC	1.8	ug/L	0.25	12/29/14 12:15	
EPA 8260	Benzene	3.7	ug/L	1.0	12/29/14 18:08	
EPA 8260	Chlorobenzene	11.7	ug/L	1.0	12/29/14 18:08	
EPA 8260	Chloromethane	7.8	ug/L	1.0	12/29/14 18:08	
EPA 8260	1,4-Dichlorobenzene	2.1	ug/L	1.0	12/29/14 18:08	
EPA 8260	Ethylbenzene	1.7	ug/L	1.0	12/29/14 18:08	
EPA 8260	Naphthalene	2.0	ug/L	1.0	12/29/14 18:08	
EPA 8260	Vinyl chloride	12.5	ug/L	1.0	12/29/14 18:08	
EPA 8260	o-Xylene	1.1	ug/L	1.0	12/29/14 18:08	
92230389003	**MW-18**					
EPA 8081	alpha-BHC	0.23	ug/L	0.20	12/29/14 12:32	
EPA 8081	beta-BHC	0.45	ug/L	0.20	12/29/14 12:32	
EPA 8081	delta-BHC	0.45	ug/L	0.20	12/29/14 12:32	
EPA 8081	gamma-BHC (Lindane)	0.30	ug/L	0.20	12/29/14 12:32	
EPA 8081	Endrin	0.51	ug/L	0.20	12/29/14 12:32	
EPA 8081	Endrin ketone	0.73	ug/L	0.20	12/29/14 12:32	
EPA 8260	cis-1,2-Dichloroethene	1710	ug/L	50.0	12/24/14 10:19	
EPA 8260	Trichloroethene	3590	ug/L	50.0	12/24/14 10:19	
EPA 8260	Vinyl chloride	838	ug/L	50.0	12/24/14 10:19	
92230389004	**PZ-2**					
EPA 8081	alpha-BHC	0.35	ug/L	0.25	12/29/14 12:50	
EPA 8081	beta-BHC	0.52	ug/L	0.25	12/29/14 12:50	
EPA 8081	delta-BHC	0.78	ug/L	0.25	12/29/14 12:50	
EPA 8081	gamma-BHC (Lindane)	0.41	ug/L	0.25	12/29/14 12:50	
EPA 8081	4,4'-DDD	2.2	ug/L	0.25	12/29/14 12:50	
EPA 8081	4,4'-DDT	0.55	ug/L	0.25	12/29/14 12:50	
EPA 8081	Dieldrin	0.43	ug/L	0.25	12/29/14 12:50	
EPA 8081	Endrin ketone	0.44	ug/L	0.25	12/29/14 12:50	
EPA 8260	cis-1,2-Dichloroethene	5380	ug/L	100	12/24/14 10:36	
EPA 8260	Trichloroethene	41600	ug/L	250	12/28/14 20:27	
EPA 8260	Vinyl chloride	1220	ug/L	100	12/24/14 10:36	
92230389005	**MW-13**					
EPA 8081	beta-BHC	3.7	ug/L	1.0	12/29/14 13:08	
EPA 8081	delta-BHC	1.9	ug/L	1.0	12/29/14 13:08	
EPA 8081	gamma-BHC (Lindane)	1.5	ug/L	1.0	12/29/14 13:08	
EPA 8081	4,4'-DDD	3.2	ug/L	1.0	12/29/14 13:08	
EPA 8081	4,4'-DDT	6.9	ug/L	1.0	12/29/14 13:08	
EPA 8081	Endrin	4.5	ug/L	1.0	12/29/14 13:08	

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SUMMARY OF DETECTION

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92230389005	**MW-13**					
EPA 8081	Endrin ketone	4.3	ug/L	1.0	12/29/14 13:08	
EPA 8260	Chlorobenzene	36.4	ug/L	20.0	12/24/14 10:52	
EPA 8260	1,4-Dichlorobenzene	41.1	ug/L	20.0	12/24/14 10:52	
EPA 8260	cis-1,2-Dichloroethene	1710	ug/L	20.0	12/24/14 10:52	
EPA 8260	Trichloroethene	4770	ug/L	50.0	12/28/14 20:43	
EPA 8260	Vinyl chloride	516	ug/L	20.0	12/24/14 10:52	
92230389007	**MW-15**					
EPA 8260	cis-1,2-Dichloroethene	62.0	ug/L	1.0	12/24/14 05:50	
EPA 8260	Trichloroethene	62.8	ug/L	1.0	12/24/14 05:50	
92230389008	**MW-4**					
EPA 8260	cis-1,2-Dichloroethene	3.2	ug/L	1.0	12/24/14 08:38	
EPA 8260	Trichloroethene	1.7	ug/L	1.0	12/24/14 08:38	
92230389010	**DUP**					
EPA 8081	beta-BHC	4.4	ug/L	1.0	12/29/14 13:25	
EPA 8081	delta-BHC	2.2	ug/L	1.0	12/29/14 13:25	
EPA 8081	gamma-BHC (Lindane)	1.5	ug/L	1.0	12/29/14 13:25	
EPA 8081	4,4'-DDD	3.9	ug/L	1.0	12/29/14 13:25	
EPA 8081	4,4'-DDT	8.4	ug/L	1.0	12/29/14 13:25	
EPA 8081	Endrin	5.6	ug/L	1.0	12/29/14 13:25	
EPA 8081	Endrin ketone	5.1	ug/L	1.0	12/29/14 13:25	
EPA 8260	cis-1,2-Dichloroethene	1850	ug/L	50.0	12/31/14 01:15	
EPA 8260	Trichloroethene	4460	ug/L	50.0	12/31/14 01:15	
EPA 8260	Vinyl chloride	588	ug/L	50.0	12/31/14 01:15	

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PROJECT NARRATIVE

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Method: **EPA 8081**
Description: 8081 Organochlorine Pesticides
Client: AMEC Environment & Infrastructure
Date: January 03, 2015

General Information:
8 samples were analyzed for EPA 8081. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/31889

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- DUP (Lab ID: 92230389010)
  - Tetrachloro-m-xylene (S)
- MW-13 (Lab ID: 92230389005)
  - Tetrachloro-m-xylene (S)
- MW-16 (Lab ID: 92230389002)
  - Tetrachloro-m-xylene (S)
- PZ-2 (Lab ID: 92230389004)
  - Tetrachloro-m-xylene (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Method: **EPA 8081**
Description: 8081 Organochlorine Pesticides
Client: AMEC Environment & Infrastructure
Date: January 03, 2015

Analyte Comments:

QC Batch: OEXT/31889

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DUP (Lab ID: 92230389010)
  - Tetrachloro-m-xylene (S)
- MW-13 (Lab ID: 92230389005)
  - Tetrachloro-m-xylene (S)
- MW-16 (Lab ID: 92230389002)
  - Tetrachloro-m-xylene (S)
- MW-18 (Lab ID: 92230389003)
  - Tetrachloro-m-xylene (S)
- PZ-2 (Lab ID: 92230389004)
  - Tetrachloro-m-xylene (S)

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PROJECT NARRATIVE

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: AMEC Environment & Infrastructure
Date: January 03, 2015

General Information:
9 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/29809

L3: Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

- LCS (Lab ID: 1359394)
  - Dichlorodifluoromethane
  - Trichlorofluoromethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/29809

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92230389007

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 1359395)
  - Bromomethane
  - Trichlorofluoromethane
  - cis-1,2-Dichloroethene

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PROJECT NARRATIVE

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: AMEC Environment & Infrastructure
Date: January 03, 2015

QC Batch: MSV/29833

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92230268008

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 1360498)
  - Bromomethane
  - Chloroethane
  - Chloromethane
  - Dichlorodifluoromethane

QC Batch: MSV/29858

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92230600006

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 1361108)
  - Bromomethane
  - Chloroethane

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: MW-1 **Lab ID: 92230389001** Collected: 12/17/14 09:28 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	319-84-6	
beta-BHC	**0.082**	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	319-85-7	
delta-BHC	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	12/23/14 08:14	12/24/14 18:53	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	50-29-3	
Dieldrin	**0.058**	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	1031-07-8	
Endrin	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	7421-93-4	
Endrin ketone	**0.17**	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 18:53	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	12/23/14 08:14	12/24/14 18:53	72-43-5	
Mirex	ND	ug/L	0.15	1	12/23/14 08:14	12/24/14 18:53	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	12/23/14 08:14	12/24/14 18:53	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	54	%	20-130	1	12/23/14 08:14	12/24/14 18:53	877-09-8	
Decachlorobiphenyl (S)	54	%	20-130	1	12/23/14 08:14	12/24/14 18:53	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	250	10		12/24/14 09:45	67-64-1	
Benzene	ND	ug/L	10.0	10		12/24/14 09:45	71-43-2	
Bromobenzene	ND	ug/L	10.0	10		12/24/14 09:45	108-86-1	
Bromochloromethane	ND	ug/L	10.0	10		12/24/14 09:45	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	10		12/24/14 09:45	75-27-4	
Bromoform	ND	ug/L	10.0	10		12/24/14 09:45	75-25-2	
Bromomethane	ND	ug/L	20.0	10		12/24/14 09:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	50.0	10		12/24/14 09:45	78-93-3	
Carbon tetrachloride	ND	ug/L	10.0	10		12/24/14 09:45	56-23-5	
Chlorobenzene	ND	ug/L	10.0	10		12/24/14 09:45	108-90-7	
Chloroethane	ND	ug/L	10.0	10		12/24/14 09:45	75-00-3	
Chloroform	ND	ug/L	10.0	10		12/24/14 09:45	67-66-3	
Chloromethane	ND	ug/L	10.0	10		12/24/14 09:45	74-87-3	
2-Chlorotoluene	ND	ug/L	10.0	10		12/24/14 09:45	95-49-8	
4-Chlorotoluene	ND	ug/L	10.0	10		12/24/14 09:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	10		12/24/14 09:45	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	10		12/24/14 09:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	10.0	10		12/24/14 09:45	106-93-4	
Dibromomethane	ND	ug/L	10.0	10		12/24/14 09:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	10		12/24/14 09:45	95-50-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: MW-1 **Lab ID: 92230389001** Collected: 12/17/14 09:28 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	10.0	10		12/24/14 09:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	10		12/24/14 09:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	10.0	10		12/24/14 09:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	10.0	10		12/24/14 09:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	10.0	10		12/24/14 09:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	10.0	10		12/24/14 09:45	75-35-4	
cis-1,2-Dichloroethene	**709**	ug/L	10.0	10		12/24/14 09:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	10.0	10		12/24/14 09:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	10.0	10		12/24/14 09:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	10.0	10		12/24/14 09:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	10.0	10		12/24/14 09:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	10.0	10		12/24/14 09:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	10.0	10		12/24/14 09:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	10.0	10		12/24/14 09:45	10061-02-6	
Diisopropyl ether	ND	ug/L	10.0	10		12/24/14 09:45	108-20-3	
Ethylbenzene	ND	ug/L	10.0	10		12/24/14 09:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	10		12/24/14 09:45	87-68-3	
2-Hexanone	ND	ug/L	50.0	10		12/24/14 09:45	591-78-6	
p-Isopropyltoluene	ND	ug/L	10.0	10		12/24/14 09:45	99-87-6	
Methylene Chloride	ND	ug/L	20.0	10		12/24/14 09:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	10		12/24/14 09:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	10.0	10		12/24/14 09:45	1634-04-4	
Naphthalene	ND	ug/L	10.0	10		12/24/14 09:45	91-20-3	
Styrene	ND	ug/L	10.0	10		12/24/14 09:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	10.0	10		12/24/14 09:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	10.0	10		12/24/14 09:45	79-34-5	
Tetrachloroethene	ND	ug/L	10.0	10		12/24/14 09:45	127-18-4	
Toluene	ND	ug/L	10.0	10		12/24/14 09:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	10		12/24/14 09:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	10		12/24/14 09:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	10.0	10		12/24/14 09:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	10.0	10		12/24/14 09:45	79-00-5	
Trichloroethene	**612**	ug/L	10.0	10		12/24/14 09:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	10		12/24/14 09:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	10		12/24/14 09:45	96-18-4	
Vinyl acetate	ND	ug/L	20.0	10		12/24/14 09:45	108-05-4	
Vinyl chloride	ND	ug/L	10.0	10		12/24/14 09:45	75-01-4	
Xylene (Total)	ND	ug/L	20.0	10		12/24/14 09:45	1330-20-7	
m&p-Xylene	ND	ug/L	20.0	10		12/24/14 09:45	179601-23-1	
o-Xylene	ND	ug/L	10.0	10		12/24/14 09:45	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	88	%	70-130	10		12/24/14 09:45	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	10		12/24/14 09:45	17060-07-0	
Toluene-d8 (S)	98	%	70-130	10		12/24/14 09:45	2037-26-5	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: MW-16 **Lab ID: 92230389002** Collected: 12/17/14 10:30 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	309-00-2	
alpha-BHC	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	319-84-6	
beta-BHC	**0.48**	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	319-85-7	
delta-BHC	**1.8**	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	58-89-9	
Chlordane (Technical)	ND	ug/L	1.0	5	12/23/14 08:14	12/29/14 12:15	57-74-9	
4,4'-DDD	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	72-54-8	
4,4'-DDE	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	72-55-9	
4,4'-DDT	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	50-29-3	
Dieldrin	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	60-57-1	
Endosulfan I	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	959-98-8	
Endosulfan II	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	1031-07-8	
Endrin	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	72-20-8	
Endrin aldehyde	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	7421-93-4	
Endrin ketone	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	53494-70-5	
Heptachlor	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	76-44-8	
Heptachlor epoxide	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:15	118-74-1	
Methoxychlor	ND	ug/L	0.75	5	12/23/14 08:14	12/29/14 12:15	72-43-5	
Mirex	ND	ug/L	0.75	5	12/23/14 08:14	12/29/14 12:15	2385-85-5	
Toxaphene	ND	ug/L	1.0	5	12/23/14 08:14	12/29/14 12:15	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	5	12/23/14 08:14	12/29/14 12:15	877-09-8	D3,S4
Decachlorobiphenyl (S)	0	%	20-130	5	12/23/14 08:14	12/29/14 12:15	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/29/14 18:08	67-64-1	
Benzene	**3.7**	ug/L	1.0	1		12/29/14 18:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/29/14 18:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/29/14 18:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/29/14 18:08	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/29/14 18:08	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/29/14 18:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/29/14 18:08	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/29/14 18:08	56-23-5	
Chlorobenzene	**11.7**	ug/L	1.0	1		12/29/14 18:08	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/29/14 18:08	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/29/14 18:08	67-66-3	
Chloromethane	**7.8**	ug/L	1.0	1		12/29/14 18:08	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/29/14 18:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/29/14 18:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/29/14 18:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/29/14 18:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/29/14 18:08	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/29/14 18:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/29/14 18:08	95-50-1	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: MW-16 **Lab ID: 92230389002** Collected: 12/17/14 10:30 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/29/14 18:08	541-73-1	
1,4-Dichlorobenzene	**2.1**	ug/L	1.0	1		12/29/14 18:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/29/14 18:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/29/14 18:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/29/14 18:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/29/14 18:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/29/14 18:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/29/14 18:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/29/14 18:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/29/14 18:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/29/14 18:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/29/14 18:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/29/14 18:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/29/14 18:08	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/29/14 18:08	108-20-3	
Ethylbenzene	**1.7**	ug/L	1.0	1		12/29/14 18:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/29/14 18:08	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/29/14 18:08	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/29/14 18:08	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/29/14 18:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/29/14 18:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/29/14 18:08	1634-04-4	
Naphthalene	**2.0**	ug/L	1.0	1		12/29/14 18:08	91-20-3	
Styrene	ND	ug/L	1.0	1		12/29/14 18:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/29/14 18:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/29/14 18:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/29/14 18:08	127-18-4	
Toluene	ND	ug/L	1.0	1		12/29/14 18:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/29/14 18:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/29/14 18:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/29/14 18:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/29/14 18:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/29/14 18:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/29/14 18:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/29/14 18:08	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/29/14 18:08	108-05-4	
Vinyl chloride	**12.5**	ug/L	1.0	1		12/29/14 18:08	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/29/14 18:08	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/29/14 18:08	179601-23-1	
o-Xylene	**1.1**	ug/L	1.0	1		12/29/14 18:08	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		12/29/14 18:08	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		12/29/14 18:08	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		12/29/14 18:08	2037-26-5	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: MW-18 **Lab ID: 92230389003** Collected: 12/17/14 13:00 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	309-00-2	
alpha-BHC	**0.23**	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	319-84-6	
beta-BHC	**0.45**	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	319-85-7	
delta-BHC	**0.45**	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	319-86-8	
gamma-BHC (Lindane)	**0.30**	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	58-89-9	
Chlordane (Technical)	ND	ug/L	0.80	4	12/23/14 08:14	12/29/14 12:32	57-74-9	
4,4'-DDD	ND	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	72-54-8	
4,4'-DDE	ND	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	72-55-9	
4,4'-DDT	ND	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	50-29-3	
Dieldrin	ND	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	60-57-1	
Endosulfan I	ND	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	959-98-8	
Endosulfan II	ND	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	1031-07-8	
Endrin	**0.51**	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	72-20-8	
Endrin aldehyde	ND	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	7421-93-4	
Endrin ketone	**0.73**	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	53494-70-5	
Heptachlor	ND	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	76-44-8	
Heptachlor epoxide	ND	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.20	4	12/23/14 08:14	12/29/14 12:32	118-74-1	
Methoxychlor	ND	ug/L	0.60	4	12/23/14 08:14	12/29/14 12:32	72-43-5	
Mirex	ND	ug/L	0.60	4	12/23/14 08:14	12/29/14 12:32	2385-85-5	
Toxaphene	ND	ug/L	0.80	4	12/23/14 08:14	12/29/14 12:32	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	56	%	20-130	4	12/23/14 08:14	12/29/14 12:32	877-09-8	D3
Decachlorobiphenyl (S)	96	%	20-130	4	12/23/14 08:14	12/29/14 12:32	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	1250	50		12/24/14 10:19	67-64-1	
Benzene	ND	ug/L	50.0	50		12/24/14 10:19	71-43-2	
Bromobenzene	ND	ug/L	50.0	50		12/24/14 10:19	108-86-1	
Bromochloromethane	ND	ug/L	50.0	50		12/24/14 10:19	74-97-5	
Bromodichloromethane	ND	ug/L	50.0	50		12/24/14 10:19	75-27-4	
Bromoform	ND	ug/L	50.0	50		12/24/14 10:19	75-25-2	
Bromomethane	ND	ug/L	100	50		12/24/14 10:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	250	50		12/24/14 10:19	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	50		12/24/14 10:19	56-23-5	
Chlorobenzene	ND	ug/L	50.0	50		12/24/14 10:19	108-90-7	
Chloroethane	ND	ug/L	50.0	50		12/24/14 10:19	75-00-3	
Chloroform	ND	ug/L	50.0	50		12/24/14 10:19	67-66-3	
Chloromethane	ND	ug/L	50.0	50		12/24/14 10:19	74-87-3	
2-Chlorotoluene	ND	ug/L	50.0	50		12/24/14 10:19	95-49-8	
4-Chlorotoluene	ND	ug/L	50.0	50		12/24/14 10:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	100	50		12/24/14 10:19	96-12-8	
Dibromochloromethane	ND	ug/L	50.0	50		12/24/14 10:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	50.0	50		12/24/14 10:19	106-93-4	
Dibromomethane	ND	ug/L	50.0	50		12/24/14 10:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	50.0	50		12/24/14 10:19	95-50-1	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: MW-18 **Lab ID: 92230389003** Collected: 12/17/14 13:00 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	50.0	50		12/24/14 10:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	50.0	50		12/24/14 10:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	50.0	50		12/24/14 10:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	50.0	50		12/24/14 10:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	50.0	50		12/24/14 10:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	50		12/24/14 10:19	75-35-4	
cis-1,2-Dichloroethene	**1710**	ug/L	50.0	50		12/24/14 10:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	50.0	50		12/24/14 10:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	50.0	50		12/24/14 10:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	50.0	50		12/24/14 10:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	50.0	50		12/24/14 10:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	50.0	50		12/24/14 10:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	50.0	50		12/24/14 10:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	50.0	50		12/24/14 10:19	10061-02-6	
Diisopropyl ether	ND	ug/L	50.0	50		12/24/14 10:19	108-20-3	
Ethylbenzene	ND	ug/L	50.0	50		12/24/14 10:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	50		12/24/14 10:19	87-68-3	
2-Hexanone	ND	ug/L	250	50		12/24/14 10:19	591-78-6	
p-Isopropyltoluene	ND	ug/L	50.0	50		12/24/14 10:19	99-87-6	
Methylene Chloride	ND	ug/L	100	50		12/24/14 10:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	250	50		12/24/14 10:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	50.0	50		12/24/14 10:19	1634-04-4	
Naphthalene	ND	ug/L	50.0	50		12/24/14 10:19	91-20-3	
Styrene	ND	ug/L	50.0	50		12/24/14 10:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	50.0	50		12/24/14 10:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	50.0	50		12/24/14 10:19	79-34-5	
Tetrachloroethene	ND	ug/L	50.0	50		12/24/14 10:19	127-18-4	
Toluene	ND	ug/L	50.0	50		12/24/14 10:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	50.0	50		12/24/14 10:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	50.0	50		12/24/14 10:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	50.0	50		12/24/14 10:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	50.0	50		12/24/14 10:19	79-00-5	
Trichloroethene	**3590**	ug/L	50.0	50		12/24/14 10:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	50.0	50		12/24/14 10:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	50.0	50		12/24/14 10:19	96-18-4	
Vinyl acetate	ND	ug/L	100	50		12/24/14 10:19	108-05-4	
Vinyl chloride	**838**	ug/L	50.0	50		12/24/14 10:19	75-01-4	
Xylene (Total)	ND	ug/L	100	50		12/24/14 10:19	1330-20-7	
m&p-Xylene	ND	ug/L	100	50		12/24/14 10:19	179601-23-1	
o-Xylene	ND	ug/L	50.0	50		12/24/14 10:19	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	90	%	70-130	50		12/24/14 10:19	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	50		12/24/14 10:19	17060-07-0	
Toluene-d8 (S)	99	%	70-130	50		12/24/14 10:19	2037-26-5	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: PZ-2 **Lab ID: 92230389004** Collected: 12/17/14 13:20 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	309-00-2	
alpha-BHC	**0.35**	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	319-84-6	
beta-BHC	**0.52**	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	319-85-7	
delta-BHC	**0.78**	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	319-86-8	
gamma-BHC (Lindane)	**0.41**	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	58-89-9	
Chlordane (Technical)	ND	ug/L	1.0	5	12/23/14 08:14	12/29/14 12:50	57-74-9	
4,4'-DDD	**2.2**	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	72-54-8	
4,4'-DDE	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	72-55-9	
4,4'-DDT	**0.55**	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	50-29-3	
Dieldrin	**0.43**	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	60-57-1	
Endosulfan I	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	959-98-8	
Endosulfan II	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	1031-07-8	
Endrin	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	72-20-8	
Endrin aldehyde	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	7421-93-4	
Endrin ketone	**0.44**	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	53494-70-5	
Heptachlor	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	76-44-8	
Heptachlor epoxide	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.25	5	12/23/14 08:14	12/29/14 12:50	118-74-1	
Methoxychlor	ND	ug/L	0.75	5	12/23/14 08:14	12/29/14 12:50	72-43-5	
Mirex	ND	ug/L	0.75	5	12/23/14 08:14	12/29/14 12:50	2385-85-5	
Toxaphene	ND	ug/L	1.0	5	12/23/14 08:14	12/29/14 12:50	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	5	12/23/14 08:14	12/29/14 12:50	877-09-8	D3,S4
Decachlorobiphenyl (S)	0	%	20-130	5	12/23/14 08:14	12/29/14 12:50	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	2500	100		12/24/14 10:36	67-64-1	
Benzene	ND	ug/L	100	100		12/24/14 10:36	71-43-2	
Bromobenzene	ND	ug/L	100	100		12/24/14 10:36	108-86-1	
Bromochloromethane	ND	ug/L	100	100		12/24/14 10:36	74-97-5	
Bromodichloromethane	ND	ug/L	100	100		12/24/14 10:36	75-27-4	
Bromoform	ND	ug/L	100	100		12/24/14 10:36	75-25-2	
Bromomethane	ND	ug/L	200	100		12/24/14 10:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	500	100		12/24/14 10:36	78-93-3	
Carbon tetrachloride	ND	ug/L	100	100		12/24/14 10:36	56-23-5	
Chlorobenzene	ND	ug/L	100	100		12/24/14 10:36	108-90-7	
Chloroethane	ND	ug/L	100	100		12/24/14 10:36	75-00-3	
Chloroform	ND	ug/L	100	100		12/24/14 10:36	67-66-3	
Chloromethane	ND	ug/L	100	100		12/24/14 10:36	74-87-3	
2-Chlorotoluene	ND	ug/L	100	100		12/24/14 10:36	95-49-8	
4-Chlorotoluene	ND	ug/L	100	100		12/24/14 10:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	200	100		12/24/14 10:36	96-12-8	
Dibromochloromethane	ND	ug/L	100	100		12/24/14 10:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	100	100		12/24/14 10:36	106-93-4	
Dibromomethane	ND	ug/L	100	100		12/24/14 10:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	100	100		12/24/14 10:36	95-50-1	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: PZ-2 **Lab ID: 92230389004** Collected: 12/17/14 13:20 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	100	100		12/24/14 10:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	100	100		12/24/14 10:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	100	100		12/24/14 10:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	100	100		12/24/14 10:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	100	100		12/24/14 10:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	100	100		12/24/14 10:36	75-35-4	
cis-1,2-Dichloroethene	**5380**	ug/L	100	100		12/24/14 10:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	100	100		12/24/14 10:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	100	100		12/24/14 10:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	100	100		12/24/14 10:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	100	100		12/24/14 10:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	100	100		12/24/14 10:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	100	100		12/24/14 10:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	100	100		12/24/14 10:36	10061-02-6	
Diisopropyl ether	ND	ug/L	100	100		12/24/14 10:36	108-20-3	
Ethylbenzene	ND	ug/L	100	100		12/24/14 10:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	100	100		12/24/14 10:36	87-68-3	
2-Hexanone	ND	ug/L	500	100		12/24/14 10:36	591-78-6	
p-Isopropyltoluene	ND	ug/L	100	100		12/24/14 10:36	99-87-6	
Methylene Chloride	ND	ug/L	200	100		12/24/14 10:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	500	100		12/24/14 10:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	100	100		12/24/14 10:36	1634-04-4	
Naphthalene	ND	ug/L	100	100		12/24/14 10:36	91-20-3	
Styrene	ND	ug/L	100	100		12/24/14 10:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	100	100		12/24/14 10:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	100	100		12/24/14 10:36	79-34-5	
Tetrachloroethene	ND	ug/L	100	100		12/24/14 10:36	127-18-4	
Toluene	ND	ug/L	100	100		12/24/14 10:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	100	100		12/24/14 10:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	100	100		12/24/14 10:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	100	100		12/24/14 10:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	100	100		12/24/14 10:36	79-00-5	
Trichloroethene	**41600**	ug/L	250	250		12/28/14 20:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	100	100		12/24/14 10:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	100	100		12/24/14 10:36	96-18-4	
Vinyl acetate	ND	ug/L	200	100		12/24/14 10:36	108-05-4	
Vinyl chloride	**1220**	ug/L	100	100		12/24/14 10:36	75-01-4	
Xylene (Total)	ND	ug/L	200	100		12/24/14 10:36	1330-20-7	
m&p-Xylene	ND	ug/L	200	100		12/24/14 10:36	179601-23-1	
o-Xylene	ND	ug/L	100	100		12/24/14 10:36	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	89	%	70-130	100		12/24/14 10:36	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	100		12/24/14 10:36	17060-07-0	
Toluene-d8 (S)	104	%	70-130	100		12/24/14 10:36	2037-26-5	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: MW-13 **Lab ID: 92230389005** Collected: 12/17/14 14:45 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	309-00-2	
alpha-BHC	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	319-84-6	
beta-BHC	**3.7**	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	319-85-7	
delta-BHC	**1.9**	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	319-86-8	
gamma-BHC (Lindane)	**1.5**	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	58-89-9	
Chlordane (Technical)	ND	ug/L	4.0	20	12/23/14 08:14	12/29/14 13:08	57-74-9	
4,4'-DDD	**3.2**	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	72-54-8	
4,4'-DDE	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	72-55-9	
4,4'-DDT	**6.9**	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	50-29-3	
Dieldrin	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	60-57-1	
Endosulfan I	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	959-98-8	
Endosulfan II	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	33213-65-9	
Endosulfan sulfate	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	1031-07-8	
Endrin	**4.5**	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	72-20-8	
Endrin aldehyde	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	7421-93-4	
Endrin ketone	**4.3**	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	53494-70-5	
Heptachlor	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	76-44-8	
Heptachlor epoxide	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	1024-57-3	
Hexachlorobenzene	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:08	118-74-1	
Methoxychlor	ND	ug/L	3.0	20	12/23/14 08:14	12/29/14 13:08	72-43-5	
Mirex	ND	ug/L	3.0	20	12/23/14 08:14	12/29/14 13:08	2385-85-5	
Toxaphene	ND	ug/L	4.0	20	12/23/14 08:14	12/29/14 13:08	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	20	12/23/14 08:14	12/29/14 13:08	877-09-8	D3,S4
Decachlorobiphenyl (S)	0	%	20-130	20	12/23/14 08:14	12/29/14 13:08	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	500	20		12/24/14 10:52	67-64-1	
Benzene	ND	ug/L	20.0	20		12/24/14 10:52	71-43-2	
Bromobenzene	ND	ug/L	20.0	20		12/24/14 10:52	108-86-1	
Bromochloromethane	ND	ug/L	20.0	20		12/24/14 10:52	74-97-5	
Bromodichloromethane	ND	ug/L	20.0	20		12/24/14 10:52	75-27-4	
Bromoform	ND	ug/L	20.0	20		12/24/14 10:52	75-25-2	
Bromomethane	ND	ug/L	40.0	20		12/24/14 10:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	20		12/24/14 10:52	78-93-3	
Carbon tetrachloride	ND	ug/L	20.0	20		12/24/14 10:52	56-23-5	
Chlorobenzene	**36.4**	ug/L	20.0	20		12/24/14 10:52	108-90-7	
Chloroethane	ND	ug/L	20.0	20		12/24/14 10:52	75-00-3	
Chloroform	ND	ug/L	20.0	20		12/24/14 10:52	67-66-3	
Chloromethane	ND	ug/L	20.0	20		12/24/14 10:52	74-87-3	
2-Chlorotoluene	ND	ug/L	20.0	20		12/24/14 10:52	95-49-8	
4-Chlorotoluene	ND	ug/L	20.0	20		12/24/14 10:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	40.0	20		12/24/14 10:52	96-12-8	
Dibromochloromethane	ND	ug/L	20.0	20		12/24/14 10:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	20.0	20		12/24/14 10:52	106-93-4	
Dibromomethane	ND	ug/L	20.0	20		12/24/14 10:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	20.0	20		12/24/14 10:52	95-50-1	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: MW-13 **Lab ID: 92230389005** Collected: 12/17/14 14:45 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	20.0	20		12/24/14 10:52	541-73-1	
1,4-Dichlorobenzene	**41.1**	ug/L	20.0	20		12/24/14 10:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	20.0	20		12/24/14 10:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	20.0	20		12/24/14 10:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	20.0	20		12/24/14 10:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	20.0	20		12/24/14 10:52	75-35-4	
cis-1,2-Dichloroethene	**1710**	ug/L	20.0	20		12/24/14 10:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	20.0	20		12/24/14 10:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	20.0	20		12/24/14 10:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	20.0	20		12/24/14 10:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	20.0	20		12/24/14 10:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	20.0	20		12/24/14 10:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	20.0	20		12/24/14 10:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	20.0	20		12/24/14 10:52	10061-02-6	
Diisopropyl ether	ND	ug/L	20.0	20		12/24/14 10:52	108-20-3	
Ethylbenzene	ND	ug/L	20.0	20		12/24/14 10:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	20		12/24/14 10:52	87-68-3	
2-Hexanone	ND	ug/L	100	20		12/24/14 10:52	591-78-6	
p-Isopropyltoluene	ND	ug/L	20.0	20		12/24/14 10:52	99-87-6	
Methylene Chloride	ND	ug/L	40.0	20		12/24/14 10:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	20		12/24/14 10:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	20		12/24/14 10:52	1634-04-4	
Naphthalene	ND	ug/L	20.0	20		12/24/14 10:52	91-20-3	
Styrene	ND	ug/L	20.0	20		12/24/14 10:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	20.0	20		12/24/14 10:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	20.0	20		12/24/14 10:52	79-34-5	
Tetrachloroethene	ND	ug/L	20.0	20		12/24/14 10:52	127-18-4	
Toluene	ND	ug/L	20.0	20		12/24/14 10:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	20.0	20		12/24/14 10:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	20.0	20		12/24/14 10:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	20.0	20		12/24/14 10:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	20.0	20		12/24/14 10:52	79-00-5	
Trichloroethene	**4770**	ug/L	50.0	50		12/28/14 20:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	20.0	20		12/24/14 10:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	20.0	20		12/24/14 10:52	96-18-4	
Vinyl acetate	ND	ug/L	40.0	20		12/24/14 10:52	108-05-4	
Vinyl chloride	**516**	ug/L	20.0	20		12/24/14 10:52	75-01-4	
Xylene (Total)	ND	ug/L	40.0	20		12/24/14 10:52	1330-20-7	
m&p-Xylene	ND	ug/L	40.0	20		12/24/14 10:52	179601-23-1	
o-Xylene	ND	ug/L	20.0	20		12/24/14 10:52	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	90	%	70-130	20		12/24/14 10:52	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	20		12/24/14 10:52	17060-07-0	
Toluene-d8 (S)	102	%	70-130	20		12/24/14 10:52	2037-26-5	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: MW-15 **Lab ID: 92230389007** Collected: 12/17/14 17:10 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	319-84-6	
beta-BHC	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	319-85-7	
delta-BHC	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	12/23/14 08:14	12/24/14 20:20	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	50-29-3	
Dieldrin	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	1031-07-8	
Endrin	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:20	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	12/23/14 08:14	12/24/14 20:20	72-43-5	
Mirex	ND	ug/L	0.15	1	12/23/14 08:14	12/24/14 20:20	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	12/23/14 08:14	12/24/14 20:20	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	60	%	20-130	1	12/23/14 08:14	12/24/14 20:20	877-09-8	
Decachlorobiphenyl (S)	93	%	20-130	1	12/23/14 08:14	12/24/14 20:20	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/24/14 05:50	67-64-1	
Benzene	ND	ug/L	1.0	1		12/24/14 05:50	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/24/14 05:50	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/24/14 05:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/24/14 05:50	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/24/14 05:50	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/24/14 05:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/24/14 05:50	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/24/14 05:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/24/14 05:50	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/24/14 05:50	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/24/14 05:50	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/24/14 05:50	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/24/14 05:50	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/24/14 05:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/24/14 05:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/24/14 05:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/24/14 05:50	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/24/14 05:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/24/14 05:50	95-50-1	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: MW-15 **Lab ID: 92230389007** Collected: 12/17/14 17:10 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/24/14 05:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/24/14 05:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/24/14 05:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/24/14 05:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/24/14 05:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/24/14 05:50	75-35-4	
cis-1,2-Dichloroethene	**62.0**	ug/L	1.0	1		12/24/14 05:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/24/14 05:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/24/14 05:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/24/14 05:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/24/14 05:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/24/14 05:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/24/14 05:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/24/14 05:50	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/24/14 05:50	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/24/14 05:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/24/14 05:50	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/24/14 05:50	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/24/14 05:50	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/24/14 05:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/24/14 05:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/24/14 05:50	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/24/14 05:50	91-20-3	
Styrene	ND	ug/L	1.0	1		12/24/14 05:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/24/14 05:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/24/14 05:50	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/24/14 05:50	127-18-4	
Toluene	ND	ug/L	1.0	1		12/24/14 05:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/24/14 05:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/24/14 05:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/24/14 05:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/24/14 05:50	79-00-5	
Trichloroethene	**62.8**	ug/L	1.0	1		12/24/14 05:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/24/14 05:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/24/14 05:50	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/24/14 05:50	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/24/14 05:50	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/24/14 05:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/24/14 05:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/24/14 05:50	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	90	%	70-130	1		12/24/14 05:50	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		12/24/14 05:50	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		12/24/14 05:50	2037-26-5	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: MW-4 **Lab ID: 92230389008** Collected: 12/17/14 18:30 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	319-84-6	
beta-BHC	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	319-85-7	
delta-BHC	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	12/23/14 08:14	12/24/14 20:38	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	50-29-3	
Dieldrin	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	1031-07-8	
Endrin	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	12/23/14 08:14	12/24/14 20:38	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	12/23/14 08:14	12/24/14 20:38	72-43-5	
Mirex	ND	ug/L	0.15	1	12/23/14 08:14	12/24/14 20:38	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	12/23/14 08:14	12/24/14 20:38	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	71	%	20-130	1	12/23/14 08:14	12/24/14 20:38	877-09-8	
Decachlorobiphenyl (S)	76	%	20-130	1	12/23/14 08:14	12/24/14 20:38	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/24/14 08:38	67-64-1	
Benzene	ND	ug/L	1.0	1		12/24/14 08:38	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/24/14 08:38	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/24/14 08:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/24/14 08:38	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/24/14 08:38	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/24/14 08:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/24/14 08:38	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/24/14 08:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/24/14 08:38	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/24/14 08:38	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/24/14 08:38	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/24/14 08:38	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/24/14 08:38	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/24/14 08:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/24/14 08:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/24/14 08:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/24/14 08:38	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/24/14 08:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/24/14 08:38	95-50-1	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: MW-4 **Lab ID: 92230389008** Collected: 12/17/14 18:30 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/24/14 08:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/24/14 08:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/24/14 08:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/24/14 08:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/24/14 08:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/24/14 08:38	75-35-4	
cis-1,2-Dichloroethene	**3.2**	ug/L	1.0	1		12/24/14 08:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/24/14 08:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/24/14 08:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/24/14 08:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/24/14 08:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/24/14 08:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/24/14 08:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/24/14 08:38	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/24/14 08:38	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/24/14 08:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/24/14 08:38	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/24/14 08:38	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/24/14 08:38	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/24/14 08:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/24/14 08:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/24/14 08:38	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/24/14 08:38	91-20-3	
Styrene	ND	ug/L	1.0	1		12/24/14 08:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/24/14 08:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/24/14 08:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/24/14 08:38	127-18-4	
Toluene	ND	ug/L	1.0	1		12/24/14 08:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/24/14 08:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/24/14 08:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/24/14 08:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/24/14 08:38	79-00-5	
Trichloroethene	**1.7**	ug/L	1.0	1		12/24/14 08:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/24/14 08:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/24/14 08:38	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/24/14 08:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/24/14 08:38	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/24/14 08:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/24/14 08:38	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/24/14 08:38	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	88	%	70-130	1		12/24/14 08:38	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		12/24/14 08:38	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		12/24/14 08:38	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: Trip Blank **Lab ID: 92230389009** Collected: 12/17/14 00:00 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/24/14 06:07	67-64-1	
Benzene	ND	ug/L	1.0	1		12/24/14 06:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/24/14 06:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/24/14 06:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/24/14 06:07	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/24/14 06:07	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/24/14 06:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/24/14 06:07	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/24/14 06:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/24/14 06:07	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/24/14 06:07	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/24/14 06:07	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/24/14 06:07	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/24/14 06:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/24/14 06:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/24/14 06:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/24/14 06:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/24/14 06:07	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/24/14 06:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/24/14 06:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/24/14 06:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/24/14 06:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/24/14 06:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/24/14 06:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/24/14 06:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/24/14 06:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/24/14 06:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/24/14 06:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/24/14 06:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/24/14 06:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/24/14 06:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/24/14 06:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/24/14 06:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/24/14 06:07	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/24/14 06:07	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/24/14 06:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/24/14 06:07	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/24/14 06:07	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/24/14 06:07	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/24/14 06:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/24/14 06:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/24/14 06:07	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/24/14 06:07	91-20-3	
Styrene	ND	ug/L	1.0	1		12/24/14 06:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/24/14 06:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/24/14 06:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/24/14 06:07	127-18-4	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: Trip Blank **Lab ID: 92230389009** Collected: 12/17/14 00:00 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		12/24/14 06:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/24/14 06:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/24/14 06:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/24/14 06:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/24/14 06:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/24/14 06:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/24/14 06:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/24/14 06:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/24/14 06:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/24/14 06:07	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/24/14 06:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/24/14 06:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/24/14 06:07	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	92	%	70-130	1		12/24/14 06:07	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		12/24/14 06:07	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		12/24/14 06:07	2037-26-5	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: DUP **Lab ID: 92230389010** Collected: 12/17/14 00:00 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	309-00-2	
alpha-BHC	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	319-84-6	
beta-BHC	**4.4**	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	319-85-7	
delta-BHC	**2.2**	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	319-86-8	
gamma-BHC (Lindane)	**1.5**	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	58-89-9	
Chlordane (Technical)	ND	ug/L	4.0	20	12/23/14 08:14	12/29/14 13:25	57-74-9	
4,4'-DDD	**3.9**	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	72-54-8	
4,4'-DDE	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	72-55-9	
4,4'-DDT	**8.4**	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	50-29-3	
Dieldrin	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	60-57-1	
Endosulfan I	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	959-98-8	
Endosulfan II	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	33213-65-9	
Endosulfan sulfate	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	1031-07-8	
Endrin	**5.6**	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	72-20-8	
Endrin aldehyde	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	7421-93-4	
Endrin ketone	**5.1**	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	53494-70-5	
Heptachlor	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	76-44-8	
Heptachlor epoxide	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	1024-57-3	
Hexachlorobenzene	ND	ug/L	1.0	20	12/23/14 08:14	12/29/14 13:25	118-74-1	
Methoxychlor	ND	ug/L	3.0	20	12/23/14 08:14	12/29/14 13:25	72-43-5	
Mirex	ND	ug/L	3.0	20	12/23/14 08:14	12/29/14 13:25	2385-85-5	
Toxaphene	ND	ug/L	4.0	20	12/23/14 08:14	12/29/14 13:25	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	20	12/23/14 08:14	12/29/14 13:25	877-09-8	D3,S4
Decachlorobiphenyl (S)	0	%	20-130	20	12/23/14 08:14	12/29/14 13:25	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	1250	50		12/31/14 01:15	67-64-1	
Benzene	ND	ug/L	50.0	50		12/31/14 01:15	71-43-2	
Bromobenzene	ND	ug/L	50.0	50		12/31/14 01:15	108-86-1	
Bromochloromethane	ND	ug/L	50.0	50		12/31/14 01:15	74-97-5	
Bromodichloromethane	ND	ug/L	50.0	50		12/31/14 01:15	75-27-4	
Bromoform	ND	ug/L	50.0	50		12/31/14 01:15	75-25-2	
Bromomethane	ND	ug/L	100	50		12/31/14 01:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	250	50		12/31/14 01:15	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	50		12/31/14 01:15	56-23-5	
Chlorobenzene	ND	ug/L	50.0	50		12/31/14 01:15	108-90-7	
Chloroethane	ND	ug/L	50.0	50		12/31/14 01:15	75-00-3	
Chloroform	ND	ug/L	50.0	50		12/31/14 01:15	67-66-3	
Chloromethane	ND	ug/L	50.0	50		12/31/14 01:15	74-87-3	
2-Chlorotoluene	ND	ug/L	50.0	50		12/31/14 01:15	95-49-8	
4-Chlorotoluene	ND	ug/L	50.0	50		12/31/14 01:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	100	50		12/31/14 01:15	96-12-8	
Dibromochloromethane	ND	ug/L	50.0	50		12/31/14 01:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	50.0	50		12/31/14 01:15	106-93-4	
Dibromomethane	ND	ug/L	50.0	50		12/31/14 01:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	50.0	50		12/31/14 01:15	95-50-1	

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ANALYTICAL RESULTS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Sample: DUP **Lab ID: 92230389010** Collected: 12/17/14 00:00 Received: 12/18/14 15:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	50.0	50		12/31/14 01:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	50.0	50		12/31/14 01:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	50.0	50		12/31/14 01:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	50.0	50		12/31/14 01:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	50.0	50		12/31/14 01:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	50		12/31/14 01:15	75-35-4	
cis-1,2-Dichloroethene	**1850**	ug/L	50.0	50		12/31/14 01:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	50.0	50		12/31/14 01:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	50.0	50		12/31/14 01:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	50.0	50		12/31/14 01:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	50.0	50		12/31/14 01:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	50.0	50		12/31/14 01:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	50.0	50		12/31/14 01:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	50.0	50		12/31/14 01:15	10061-02-6	
Diisopropyl ether	ND	ug/L	50.0	50		12/31/14 01:15	108-20-3	
Ethylbenzene	ND	ug/L	50.0	50		12/31/14 01:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	50		12/31/14 01:15	87-68-3	
2-Hexanone	ND	ug/L	250	50		12/31/14 01:15	591-78-6	
p-Isopropyltoluene	ND	ug/L	50.0	50		12/31/14 01:15	99-87-6	
Methylene Chloride	ND	ug/L	100	50		12/31/14 01:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	250	50		12/31/14 01:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	50.0	50		12/31/14 01:15	1634-04-4	
Naphthalene	ND	ug/L	50.0	50		12/31/14 01:15	91-20-3	
Styrene	ND	ug/L	50.0	50		12/31/14 01:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	50.0	50		12/31/14 01:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	50.0	50		12/31/14 01:15	79-34-5	
Tetrachloroethene	ND	ug/L	50.0	50		12/31/14 01:15	127-18-4	
Toluene	ND	ug/L	50.0	50		12/31/14 01:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	50.0	50		12/31/14 01:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	50.0	50		12/31/14 01:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	50.0	50		12/31/14 01:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	50.0	50		12/31/14 01:15	79-00-5	
Trichloroethene	**4460**	ug/L	50.0	50		12/31/14 01:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	50.0	50		12/31/14 01:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	50.0	50		12/31/14 01:15	96-18-4	
Vinyl acetate	ND	ug/L	100	50		12/31/14 01:15	108-05-4	
Vinyl chloride	**588**	ug/L	50.0	50		12/31/14 01:15	75-01-4	
Xylene (Total)	ND	ug/L	100	50		12/31/14 01:15	1330-20-7	
m&p-Xylene	ND	ug/L	100	50		12/31/14 01:15	179601-23-1	
o-Xylene	ND	ug/L	50.0	50		12/31/14 01:15	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	50		12/31/14 01:15	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%	70-130	50		12/31/14 01:15	17060-07-0	
Toluene-d8 (S)	98	%	70-130	50		12/31/14 01:15	2037-26-5	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

QC Batch: MSV/29809 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92230389001, 92230389003, 92230389004, 92230389005, 92230389007, 92230389008, 92230389009

METHOD BLANK: 1359393 Matrix: Water
Associated Lab Samples: 92230389001, 92230389003, 92230389004, 92230389005, 92230389007, 92230389008, 92230389009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/24/14 01:21	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/24/14 01:21	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/24/14 01:21	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/24/14 01:21	
1,1-Dichloroethane	ug/L	ND	1.0	12/24/14 01:21	
1,1-Dichloroethene	ug/L	ND	1.0	12/24/14 01:21	
1,1-Dichloropropene	ug/L	ND	1.0	12/24/14 01:21	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	12/24/14 01:21	
1,2,3-Trichloropropane	ug/L	ND	1.0	12/24/14 01:21	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	12/24/14 01:21	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	12/24/14 01:21	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/24/14 01:21	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/24/14 01:21	
1,2-Dichloroethane	ug/L	ND	1.0	12/24/14 01:21	
1,2-Dichloropropane	ug/L	ND	1.0	12/24/14 01:21	
1,3-Dichlorobenzene	ug/L	ND	1.0	12/24/14 01:21	
1,3-Dichloropropane	ug/L	ND	1.0	12/24/14 01:21	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/24/14 01:21	
2,2-Dichloropropane	ug/L	ND	1.0	12/24/14 01:21	
2-Butanone (MEK)	ug/L	ND	5.0	12/24/14 01:21	
2-Chlorotoluene	ug/L	ND	1.0	12/24/14 01:21	
2-Hexanone	ug/L	ND	5.0	12/24/14 01:21	
4-Chlorotoluene	ug/L	ND	1.0	12/24/14 01:21	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/24/14 01:21	
Acetone	ug/L	ND	25.0	12/24/14 01:21	
Benzene	ug/L	ND	1.0	12/24/14 01:21	
Bromobenzene	ug/L	ND	1.0	12/24/14 01:21	
Bromochloromethane	ug/L	ND	1.0	12/24/14 01:21	
Bromodichloromethane	ug/L	ND	1.0	12/24/14 01:21	
Bromoform	ug/L	ND	1.0	12/24/14 01:21	
Bromomethane	ug/L	ND	2.0	12/24/14 01:21	
Carbon tetrachloride	ug/L	ND	1.0	12/24/14 01:21	
Chlorobenzene	ug/L	ND	1.0	12/24/14 01:21	
Chloroethane	ug/L	ND	1.0	12/24/14 01:21	
Chloroform	ug/L	ND	1.0	12/24/14 01:21	
Chloromethane	ug/L	ND	1.0	12/24/14 01:21	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/24/14 01:21	
cis-1,3-Dichloropropene	ug/L	ND	1.0	12/24/14 01:21	
Dibromochloromethane	ug/L	ND	1.0	12/24/14 01:21	
Dibromomethane	ug/L	ND	1.0	12/24/14 01:21	
Dichlorodifluoromethane	ug/L	ND	1.0	12/24/14 01:21	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

METHOD BLANK: 1359393 Matrix: Water
Associated Lab Samples: 92230389001, 92230389003, 92230389004, 92230389005, 92230389007, 92230389008, 92230389009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	12/24/14 01:21	
Ethylbenzene	ug/L	ND	1.0	12/24/14 01:21	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	12/24/14 01:21	
m&p-Xylene	ug/L	ND	2.0	12/24/14 01:21	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/24/14 01:21	
Methylene Chloride	ug/L	ND	2.0	12/24/14 01:21	
Naphthalene	ug/L	ND	1.0	12/24/14 01:21	
o-Xylene	ug/L	ND	1.0	12/24/14 01:21	
p-Isopropyltoluene	ug/L	ND	1.0	12/24/14 01:21	
Styrene	ug/L	ND	1.0	12/24/14 01:21	
Tetrachloroethene	ug/L	ND	1.0	12/24/14 01:21	
Toluene	ug/L	ND	1.0	12/24/14 01:21	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/24/14 01:21	
trans-1,3-Dichloropropene	ug/L	ND	1.0	12/24/14 01:21	
Trichloroethene	ug/L	ND	1.0	12/24/14 01:21	
Trichlorofluoromethane	ug/L	ND	1.0	12/24/14 01:21	
Vinyl acetate	ug/L	ND	2.0	12/24/14 01:21	
Vinyl chloride	ug/L	ND	1.0	12/24/14 01:21	
Xylene (Total)	ug/L	ND	2.0	12/24/14 01:21	
1,2-Dichloroethane-d4 (S)	%	105	70-130	12/24/14 01:21	
4-Bromofluorobenzene (S)	%	97	70-130	12/24/14 01:21	
Toluene-d8 (S)	%	96	70-130	12/24/14 01:21	

LABORATORY CONTROL SAMPLE: 1359394

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.6	109	70-130	
1,1,1-Trichloroethane	ug/L	50	61.2	122	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.1	104	70-130	
1,1,2-Trichloroethane	ug/L	50	54.4	109	70-130	
1,1-Dichloroethane	ug/L	50	60.3	121	70-130	
1,1-Dichloroethene	ug/L	50	59.2	118	70-132	
1,1-Dichloropropene	ug/L	50	62.5	125	70-130	
1,2,3-Trichlorobenzene	ug/L	50	53.1	106	70-135	
1,2,3-Trichloropropane	ug/L	50	51.8	104	70-130	
1,2,4-Trichlorobenzene	ug/L	50	54.4	109	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	51.4	103	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	56.4	113	70-130	
1,2-Dichlorobenzene	ug/L	50	55.3	111	70-130	
1,2-Dichloroethane	ug/L	50	59.4	119	70-130	
1,2-Dichloropropane	ug/L	50	56.1	112	70-130	
1,3-Dichlorobenzene	ug/L	50	55.8	112	70-130	
1,3-Dichloropropane	ug/L	50	55.3	111	70-130	
1,4-Dichlorobenzene	ug/L	50	55.6	111	70-130	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

LABORATORY CONTROL SAMPLE: 1359394

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	59.4	119	58-145	
2-Butanone (MEK)	ug/L	100	101	101	70-145	
2-Chlorotoluene	ug/L	50	51.3	103	70-130	
2-Hexanone	ug/L	100	90.7	91	70-144	
4-Chlorotoluene	ug/L	50	55.1	110	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	96.1	96	70-140	
Acetone	ug/L	100	100	100	50-175	
Benzene	ug/L	50	57.1	114	70-130	
Bromobenzene	ug/L	50	55.7	111	70-130	
Bromochloromethane	ug/L	50	52.0	104	70-130	
Bromodichloromethane	ug/L	50	56.4	113	70-130	
Bromoform	ug/L	50	50.0	100	70-130	
Bromomethane	ug/L	50	31.7	63	54-130	
Carbon tetrachloride	ug/L	50	57.4	115	70-132	
Chlorobenzene	ug/L	50	55.7	111	70-130	
Chloroethane	ug/L	50	52.9	106	64-134	
Chloroform	ug/L	50	61.4	123	70-130	
Chloromethane	ug/L	50	42.1	84	64-130	
cis-1,2-Dichloroethene	ug/L	50	60.3	121	70-131	
cis-1,3-Dichloropropene	ug/L	50	56.9	114	70-130	
Dibromochloromethane	ug/L	50	55.8	112	70-130	
Dibromomethane	ug/L	50	54.9	110	70-131	
Dichlorodifluoromethane	ug/L	50	70.4	141	56-130	L3
Diisopropyl ether	ug/L	50	53.5	107	70-130	
Ethylbenzene	ug/L	50	54.4	109	70-130	
Hexachloro-1,3-butadiene	ug/L	50	44.3	89	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
Methyl-tert-butyl ether	ug/L	50	53.5	107	70-130	
Methylene Chloride	ug/L	50	57.9	116	63-130	
Naphthalene	ug/L	50	50.7	101	70-138	
o-Xylene	ug/L	50	51.7	103	70-130	
p-Isopropyltoluene	ug/L	50	53.1	106	70-130	
Styrene	ug/L	50	52.6	105	70-130	
Tetrachloroethene	ug/L	50	53.7	107	70-130	
Toluene	ug/L	50	56.1	112	70-130	
trans-1,2-Dichloroethene	ug/L	50	60.9	122	70-130	
trans-1,3-Dichloropropene	ug/L	50	55.8	112	70-132	
Trichloroethene	ug/L	50	54.9	110	70-130	
Trichlorofluoromethane	ug/L	50	69.1	138	62-133	L3
Vinyl acetate	ug/L	100	104	104	66-157	
Vinyl chloride	ug/L	50	52.6	105	50-150	
Xylene (Total)	ug/L	150	158	105	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

MATRIX SPIKE SAMPLE: 1359395

Parameter	Units	92230389007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20.6	103	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	25.1	126	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	21.0	105	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	21.8	109	70-130	
1,1-Dichloroethane	ug/L	ND	20	25.1	125	70-130	
1,1-Dichloroethene	ug/L	ND	20	25.0	125	70-166	
1,1-Dichloropropene	ug/L	ND	20	25.4	127	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	20	19.4	97	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	21.1	105	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	20.3	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	16.9	85	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	21.5	108	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	21.8	109	70-130	
1,2-Dichloroethane	ug/L	ND	20	23.2	116	70-130	
1,2-Dichloropropane	ug/L	ND	20	22.7	114	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	22.3	111	70-130	
1,3-Dichloropropane	ug/L	ND	20	22.0	110	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	22.3	111	70-130	
2,2-Dichloropropane	ug/L	ND	20	19.2	96	70-130	
2-Butanone (MEK)	ug/L	ND	40	37.1	93	70-130	
2-Chlorotoluene	ug/L	ND	20	20.7	103	70-130	
2-Hexanone	ug/L	ND	40	37.1	93	70-130	
4-Chlorotoluene	ug/L	ND	20	23.2	116	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	38.5	96	70-130	
Acetone	ug/L	ND	40	43.2	108	70-130	
Benzene	ug/L	ND	20	24.7	124	70-148	
Bromobenzene	ug/L	ND	20	22.5	113	70-130	
Bromochloromethane	ug/L	ND	20	22.5	113	70-130	
Bromodichloromethane	ug/L	ND	20	20.6	103	70-130	
Bromoform	ug/L	ND	20	16.1	81	70-130	
Bromomethane	ug/L	ND	20	12.7	64	70-130	M0
Carbon tetrachloride	ug/L	ND	20	23.8	119	70-130	
Chlorobenzene	ug/L	ND	20	22.7	113	70-146	
Chloroethane	ug/L	ND	20	24.9	125	70-130	
Chloroform	ug/L	ND	20	24.8	124	70-130	
Chloromethane	ug/L	ND	20	16.8	84	70-130	
cis-1,2-Dichloroethene	ug/L	62.0	20	88.1	131	70-130	M0
cis-1,3-Dichloropropene	ug/L	ND	20	20.7	103	70-130	
Dibromochloromethane	ug/L	ND	20	19.1	96	70-130	
Dibromomethane	ug/L	ND	20	20.8	104	70-130	
Dichlorodifluoromethane	ug/L	ND	20	21.6	108	70-130	
Diisopropyl ether	ug/L	ND	20	20.6	103	70-130	
Ethylbenzene	ug/L	ND	20	22.6	113	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	23.0	115	70-130	
m&p-Xylene	ug/L	ND	40	45.3	113	70-130	
Methyl-tert-butyl ether	ug/L	ND	20	20.7	104	70-130	
Methylene Chloride	ug/L	ND	20	22.2	111	70-130	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

MATRIX SPIKE SAMPLE: 1359395

Parameter	Units	92230389007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	ND	20	18.7	93	70-130	
o-Xylene	ug/L	ND	20	21.1	105	70-130	
p-Isopropyltoluene	ug/L	ND	20	21.7	108	70-130	
Styrene	ug/L	ND	20	20.6	103	70-130	
Tetrachloroethene	ug/L	ND	20	21.2	106	70-130	
Toluene	ug/L	ND	20	23.4	117	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	24.6	122	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	20.6	103	70-130	
Trichloroethene	ug/L	62.8	20	93.0	151	69-151	
Trichlorofluoromethane	ug/L	ND	20	28.3	141	70-130	M0
Vinyl acetate	ug/L	ND	40	32.1	80	70-130	
Vinyl chloride	ug/L	ND	20	20.9	104	70-130	
1,2-Dichloroethane-d4 (S)	%				99	70-130	
4-Bromofluorobenzene (S)	%				91	70-130	
Toluene-d8 (S)	%				102	70-130	

SAMPLE DUPLICATE: 1359396

Parameter	Units	92230560002 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		
1,1,1-Trichloroethane	ug/L	ND	ND		
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		
1,1,2-Trichloroethane	ug/L	ND	ND		
1,1-Dichloroethane	ug/L	ND	ND		
1,1-Dichloroethene	ug/L	ND	ND		
1,1-Dichloropropene	ug/L	ND	ND		
1,2,3-Trichlorobenzene	ug/L	ND	ND		
1,2,3-Trichloropropane	ug/L	ND	10.3		
1,2,4-Trichlorobenzene	ug/L	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
1,2-Dichlorobenzene	ug/L	ND	ND		
1,2-Dichloroethane	ug/L	ND	.39J		
1,2-Dichloropropane	ug/L	ND	ND		
1,3-Dichlorobenzene	ug/L	ND	ND		
1,3-Dichloropropane	ug/L	ND	ND		
1,4-Dichlorobenzene	ug/L	ND	ND		
2,2-Dichloropropane	ug/L	ND	ND		
2-Butanone (MEK)	ug/L	ND	ND		
2-Chlorotoluene	ug/L	ND	ND		
2-Hexanone	ug/L	ND	ND		
4-Chlorotoluene	ug/L	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		
Acetone	ug/L	ND	ND		
Benzene	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

SAMPLE DUPLICATE: 1359396

Parameter	Units	92230560002 Result	Dup Result	RPD	Qualifiers
Bromobenzene	ug/L	ND	ND		
Bromochloromethane	ug/L	ND	ND		
Bromodichloromethane	ug/L	ND	ND		
Bromoform	ug/L	ND	ND		
Bromomethane	ug/L	ND	ND		
Carbon tetrachloride	ug/L	ND	ND		
Chlorobenzene	ug/L	ND	ND		
Chloroethane	ug/L	ND	ND		
Chloroform	ug/L	1.1	1.0	6	
Chloromethane	ug/L	ND	ND		
cis-1,2-Dichloroethene	ug/L	ND	ND		
cis-1,3-Dichloropropene	ug/L	ND	ND		
Dibromochloromethane	ug/L	ND	ND		
Dibromomethane	ug/L	ND	ND		
Dichlorodifluoromethane	ug/L	ND	ND		
Diisopropyl ether	ug/L	ND	ND		
Ethylbenzene	ug/L	ND	ND		
Hexachloro-1,3-butadiene	ug/L	ND	ND		
m&p-Xylene	ug/L	ND	ND		
Methyl-tert-butyl ether	ug/L	ND	ND		
Methylene Chloride	ug/L	ND	ND		
Naphthalene	ug/L	ND	ND		
o-Xylene	ug/L	ND	ND		
p-Isopropyltoluene	ug/L	ND	ND		
Styrene	ug/L	ND	ND		
Tetrachloroethene	ug/L	ND	ND		
Toluene	ug/L	ND	ND		
trans-1,2-Dichloroethene	ug/L	ND	ND		
trans-1,3-Dichloropropene	ug/L	ND	ND		
Trichloroethene	ug/L	ND	ND		
Trichlorofluoromethane	ug/L	ND	ND		
Vinyl acetate	ug/L	ND	ND		
Vinyl chloride	ug/L	ND	ND		
Xylene (Total)	ug/L	ND	ND		
1,2-Dichloroethane-d4 (S)	%	105	104	0	
4-Bromofluorobenzene (S)	%	88	88	0	
Toluene-d8 (S)	%	98	96	2	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

QC Batch: MSV/29833 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92230389002

METHOD BLANK: 1360496 Matrix: Water
Associated Lab Samples: 92230389002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/29/14 17:00	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/29/14 17:00	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/29/14 17:00	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/29/14 17:00	
1,1-Dichloroethane	ug/L	ND	1.0	12/29/14 17:00	
1,1-Dichloroethene	ug/L	ND	1.0	12/29/14 17:00	
1,1-Dichloropropene	ug/L	ND	1.0	12/29/14 17:00	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	12/29/14 17:00	
1,2,3-Trichloropropane	ug/L	ND	1.0	12/29/14 17:00	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	12/29/14 17:00	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	12/29/14 17:00	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/29/14 17:00	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/29/14 17:00	
1,2-Dichloroethane	ug/L	ND	1.0	12/29/14 17:00	
1,2-Dichloropropane	ug/L	ND	1.0	12/29/14 17:00	
1,3-Dichlorobenzene	ug/L	ND	1.0	12/29/14 17:00	
1,3-Dichloropropane	ug/L	ND	1.0	12/29/14 17:00	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/29/14 17:00	
2,2-Dichloropropane	ug/L	ND	1.0	12/29/14 17:00	
2-Butanone (MEK)	ug/L	ND	5.0	12/29/14 17:00	
2-Chlorotoluene	ug/L	ND	1.0	12/29/14 17:00	
2-Hexanone	ug/L	ND	5.0	12/29/14 17:00	
4-Chlorotoluene	ug/L	ND	1.0	12/29/14 17:00	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/29/14 17:00	
Acetone	ug/L	ND	25.0	12/29/14 17:00	
Benzene	ug/L	ND	1.0	12/29/14 17:00	
Bromobenzene	ug/L	ND	1.0	12/29/14 17:00	
Bromochloromethane	ug/L	ND	1.0	12/29/14 17:00	
Bromodichloromethane	ug/L	ND	1.0	12/29/14 17:00	
Bromoform	ug/L	ND	1.0	12/29/14 17:00	
Bromomethane	ug/L	ND	2.0	12/29/14 17:00	
Carbon tetrachloride	ug/L	ND	1.0	12/29/14 17:00	
Chlorobenzene	ug/L	ND	1.0	12/29/14 17:00	
Chloroethane	ug/L	ND	1.0	12/29/14 17:00	
Chloroform	ug/L	ND	1.0	12/29/14 17:00	
Chloromethane	ug/L	ND	1.0	12/29/14 17:00	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/29/14 17:00	
cis-1,3-Dichloropropene	ug/L	ND	1.0	12/29/14 17:00	
Dibromochloromethane	ug/L	ND	1.0	12/29/14 17:00	
Dibromomethane	ug/L	ND	1.0	12/29/14 17:00	
Dichlorodifluoromethane	ug/L	ND	1.0	12/29/14 17:00	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

METHOD BLANK: 1360496 Matrix: Water
Associated Lab Samples: 92230389002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	12/29/14 17:00	
Ethylbenzene	ug/L	ND	1.0	12/29/14 17:00	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	12/29/14 17:00	
m&p-Xylene	ug/L	ND	2.0	12/29/14 17:00	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/29/14 17:00	
Methylene Chloride	ug/L	ND	2.0	12/29/14 17:00	
Naphthalene	ug/L	ND	1.0	12/29/14 17:00	
o-Xylene	ug/L	ND	1.0	12/29/14 17:00	
p-Isopropyltoluene	ug/L	ND	1.0	12/29/14 17:00	
Styrene	ug/L	ND	1.0	12/29/14 17:00	
Tetrachloroethene	ug/L	ND	1.0	12/29/14 17:00	
Toluene	ug/L	ND	1.0	12/29/14 17:00	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/29/14 17:00	
trans-1,3-Dichloropropene	ug/L	ND	1.0	12/29/14 17:00	
Trichloroethene	ug/L	ND	1.0	12/29/14 17:00	
Trichlorofluoromethane	ug/L	ND	1.0	12/29/14 17:00	
Vinyl acetate	ug/L	ND	2.0	12/29/14 17:00	
Vinyl chloride	ug/L	ND	1.0	12/29/14 17:00	
Xylene (Total)	ug/L	ND	2.0	12/29/14 17:00	
1,2-Dichloroethane-d4 (S)	%	102	70-130	12/29/14 17:00	
4-Bromofluorobenzene (S)	%	102	70-130	12/29/14 17:00	
Toluene-d8 (S)	%	99	70-130	12/29/14 17:00	

LABORATORY CONTROL SAMPLE: 1360497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.4	109	70-130	
1,1,1-Trichloroethane	ug/L	50	56.9	114	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	70-130	
1,1,2-Trichloroethane	ug/L	50	53.7	107	70-130	
1,1-Dichloroethane	ug/L	50	57.9	116	70-130	
1,1-Dichloroethene	ug/L	50	58.0	116	70-132	
1,1-Dichloropropene	ug/L	50	58.9	118	70-130	
1,2,3-Trichlorobenzene	ug/L	50	48.7	97	70-135	
1,2,3-Trichloropropane	ug/L	50	46.6	93	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.4	103	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	49.0	98	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	54.9	110	70-130	
1,2-Dichlorobenzene	ug/L	50	51.6	103	70-130	
1,2-Dichloroethane	ug/L	50	52.0	104	70-130	
1,2-Dichloropropane	ug/L	50	53.4	107	70-130	
1,3-Dichlorobenzene	ug/L	50	51.8	104	70-130	
1,3-Dichloropropane	ug/L	50	52.0	104	70-130	
1,4-Dichlorobenzene	ug/L	50	51.3	103	70-130	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

LABORATORY CONTROL SAMPLE: 1360497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	59.7	119	58-145	
2-Butanone (MEK)	ug/L	100	89.5	90	70-145	
2-Chlorotoluene	ug/L	50	51.9	104	70-130	
2-Hexanone	ug/L	100	91.7	92	70-144	
4-Chlorotoluene	ug/L	50	51.3	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	97.1	97	70-140	
Acetone	ug/L	100	89.9	90	50-175	
Benzene	ug/L	50	55.6	111	70-130	
Bromobenzene	ug/L	50	52.6	105	70-130	
Bromochloromethane	ug/L	50	60.2	120	70-130	
Bromodichloromethane	ug/L	50	55.9	112	70-130	
Bromoform	ug/L	50	49.3	99	70-130	
Bromomethane	ug/L	50	60.5	121	54-130	
Carbon tetrachloride	ug/L	50	56.8	114	70-132	
Chlorobenzene	ug/L	50	51.9	104	70-130	
Chloroethane	ug/L	50	64.1	128	64-134	
Chloroform	ug/L	50	55.1	110	70-130	
Chloromethane	ug/L	50	62.0	124	64-130	
cis-1,2-Dichloroethene	ug/L	50	57.8	116	70-131	
cis-1,3-Dichloropropene	ug/L	50	56.1	112	70-130	
Dibromochloromethane	ug/L	50	51.4	103	70-130	
Dibromomethane	ug/L	50	52.4	105	70-131	
Dichlorodifluoromethane	ug/L	50	65.1	130	56-130	
Diisopropyl ether	ug/L	50	52.0	104	70-130	
Ethylbenzene	ug/L	50	51.4	103	70-130	
Hexachloro-1,3-butadiene	ug/L	50	46.8	94	70-130	
m&p-Xylene	ug/L	100	100	100	70-130	
Methyl-tert-butyl ether	ug/L	50	51.7	103	70-130	
Methylene Chloride	ug/L	50	56.9	114	63-130	
Naphthalene	ug/L	50	49.2	98	70-138	
o-Xylene	ug/L	50	51.4	103	70-130	
p-Isopropyltoluene	ug/L	50	51.8	104	70-130	
Styrene	ug/L	50	55.1	110	70-130	
Tetrachloroethene	ug/L	50	51.2	102	70-130	
Toluene	ug/L	50	53.8	108	70-130	
trans-1,2-Dichloroethene	ug/L	50	59.4	119	70-130	
trans-1,3-Dichloropropene	ug/L	50	57.6	115	70-132	
Trichloroethene	ug/L	50	52.4	105	70-130	
Trichlorofluoromethane	ug/L	50	57.1	114	62-133	
Vinyl acetate	ug/L	100	105	105	66-157	
Vinyl chloride	ug/L	50	57.3	115	50-150	
Xylene (Total)	ug/L	150	151	101	70-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

MATRIX SPIKE SAMPLE: 1360498

Parameter	Units	92230268008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	200	222	111	70-130	
1,1,1-Trichloroethane	ug/L	ND	200	237	118	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	200	216	108	70-130	
1,1,2-Trichloroethane	ug/L	ND	200	224	112	70-130	
1,1-Dichloroethane	ug/L	ND	200	239	119	70-130	
1,1-Dichloroethene	ug/L	ND	200	247	124	70-166	
1,1-Dichloropropene	ug/L	ND	200	252	126	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	200	211	105	70-130	
1,2,3-Trichloropropane	ug/L	ND	200	207	103	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	200	217	108	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	200	203	102	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	200	224	112	70-130	
1,2-Dichlorobenzene	ug/L	ND	200	214	107	70-130	
1,2-Dichloroethane	ug/L	ND	200	210	105	70-130	
1,2-Dichloropropane	ug/L	ND	200	222	111	70-130	
1,3-Dichlorobenzene	ug/L	ND	200	217	109	70-130	
1,3-Dichloropropane	ug/L	ND	200	219	109	70-130	
1,4-Dichlorobenzene	ug/L	ND	200	216	108	70-130	
2,2-Dichloropropane	ug/L	ND	200	242	121	70-130	
2-Butanone (MEK)	ug/L	ND	400	419	100	70-130	
2-Chlorotoluene	ug/L	ND	200	223	112	70-130	
2-Hexanone	ug/L	ND	400	419	105	70-130	
4-Chlorotoluene	ug/L	ND	200	216	108	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	400	425	106	70-130	
Acetone	ug/L	ND	400	479	106	70-130	
Benzene	ug/L	367	200	602	117	70-148	
Bromobenzene	ug/L	ND	200	218	109	70-130	
Bromochloromethane	ug/L	ND	200	241	121	70-130	
Bromodichloromethane	ug/L	ND	200	223	111	70-130	
Bromoform	ug/L	ND	200	205	103	70-130	
Bromomethane	ug/L	ND	200	270	135	70-130	M0
Carbon tetrachloride	ug/L	ND	200	233	116	70-130	
Chlorobenzene	ug/L	ND	200	222	111	70-146	
Chloroethane	ug/L	ND	200	285	143	70-130	M0
Chloroform	ug/L	ND	200	228	114	70-130	
Chloromethane	ug/L	ND	200	263	132	70-130	M0
cis-1,2-Dichloroethene	ug/L	ND	200	241	121	70-130	
cis-1,3-Dichloropropene	ug/L	ND	200	224	112	70-130	
Dibromochloromethane	ug/L	ND	200	211	106	70-130	
Dibromomethane	ug/L	ND	200	214	107	70-130	
Dichlorodifluoromethane	ug/L	ND	200	273	137	70-130	M0
Diisopropyl ether	ug/L	83.7	200	297	107	70-130	
Ethylbenzene	ug/L	131	200	359	114	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	200	259	130	70-130	
m&p-Xylene	ug/L	342	400	801	115	70-130	
Methyl-tert-butyl ether	ug/L	315	200	517	101	70-130	
Methylene Chloride	ug/L	ND	200	242	121	70-130	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

MATRIX SPIKE SAMPLE: 1360498

Parameter	Units	92230268008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	10.6	200	236	113	70-130	
o-Xylene	ug/L	144	200	368	112	70-130	
p-Isopropyltoluene	ug/L	ND	200	228	114	70-130	
Styrene	ug/L	ND	200	238	118	70-130	
Tetrachloroethene	ug/L	ND	200	228	114	70-130	
Toluene	ug/L	1030	200	1200	89	70-155	
trans-1,2-Dichloroethene	ug/L	ND	200	248	124	70-130	
trans-1,3-Dichloropropene	ug/L	ND	200	223	112	70-130	
Trichloroethene	ug/L	ND	200	226	113	69-151	
Trichlorofluoromethane	ug/L	ND	200	243	121	70-130	
Vinyl acetate	ug/L	ND	400	433	108	70-130	
Vinyl chloride	ug/L	ND	200	237	118	70-130	
1,2-Dichloroethane-d4 (S)	%				91	70-130	
4-Bromofluorobenzene (S)	%				105	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 1360499

Parameter	Units	92230324004 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		
1,1,1-Trichloroethane	ug/L	ND	ND		
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		
1,1,2-Trichloroethane	ug/L	ND	ND		
1,1-Dichloroethane	ug/L	ND	ND		
1,1-Dichloroethene	ug/L	ND	ND		
1,1-Dichloropropene	ug/L	ND	ND		
1,2,3-Trichlorobenzene	ug/L	ND	ND		
1,2,3-Trichloropropane	ug/L	ND	ND		
1,2,4-Trichlorobenzene	ug/L	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
1,2-Dichlorobenzene	ug/L	ND	ND		
1,2-Dichloroethane	ug/L	ND	ND		
1,2-Dichloropropane	ug/L	ND	ND		
1,3-Dichlorobenzene	ug/L	ND	ND		
1,3-Dichloropropane	ug/L	ND	ND		
1,4-Dichlorobenzene	ug/L	ND	ND		
2,2-Dichloropropane	ug/L	ND	ND		
2-Butanone (MEK)	ug/L	ND	40.1J		
2-Chlorotoluene	ug/L	ND	ND		
2-Hexanone	ug/L	ND	ND		
4-Chlorotoluene	ug/L	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		
Acetone	ug/L	ND	107J		
Benzene	ug/L	110	106	3	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

SAMPLE DUPLICATE: 1360499

Parameter	Units	92230324004 Result	Dup Result	RPD	Qualifiers
Bromobenzene	ug/L	ND	ND		
Bromochloromethane	ug/L	ND	ND		
Bromodichloromethane	ug/L	ND	ND		
Bromoform	ug/L	ND	ND		
Bromomethane	ug/L	ND	ND		
Carbon tetrachloride	ug/L	ND	ND		
Chlorobenzene	ug/L	ND	ND		
Chloroethane	ug/L	ND	ND		
Chloroform	ug/L	ND	ND		
Chloromethane	ug/L	ND	ND		
cis-1,2-Dichloroethene	ug/L	ND	ND		
cis-1,3-Dichloropropene	ug/L	ND	ND		
Dibromochloromethane	ug/L	ND	ND		
Dibromomethane	ug/L	ND	ND		
Dichlorodifluoromethane	ug/L	ND	ND		
Diisopropyl ether	ug/L	21.6	20.9	3	
Ethylbenzene	ug/L	326	318	2	
Hexachloro-1,3-butadiene	ug/L	ND	ND		
m&p-Xylene	ug/L	917	900	2	
Methyl-tert-butyl ether	ug/L	325	331	2	
Methylene Chloride	ug/L	ND	ND		
Naphthalene	ug/L	104	123	16	
o-Xylene	ug/L	422	414	2	
p-Isopropyltoluene	ug/L	ND	ND		
Styrene	ug/L	ND	ND		
Tetrachloroethene	ug/L	ND	ND		
Toluene	ug/L	1110	1080	3	
trans-1,2-Dichloroethene	ug/L	ND	ND		
trans-1,3-Dichloropropene	ug/L	ND	ND		
Trichloroethene	ug/L	ND	ND		
Trichlorofluoromethane	ug/L	ND	ND		
Vinyl acetate	ug/L	ND	ND		
Vinyl chloride	ug/L	ND	ND		
Xylene (Total)	ug/L	1340	1310	2	
1,2-Dichloroethane-d4 (S)	%	104	103	1	
4-Bromofluorobenzene (S)	%	100	101	1	
Toluene-d8 (S)	%	99	99	0	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

QC Batch: MSV/29858 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92230389010

METHOD BLANK: 1361106 Matrix: Water
Associated Lab Samples: 92230389010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/30/14 16:29	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/30/14 16:29	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/30/14 16:29	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/30/14 16:29	
1,1-Dichloroethane	ug/L	ND	1.0	12/30/14 16:29	
1,1-Dichloroethene	ug/L	ND	1.0	12/30/14 16:29	
1,1-Dichloropropene	ug/L	ND	1.0	12/30/14 16:29	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	12/30/14 16:29	
1,2,3-Trichloropropane	ug/L	ND	1.0	12/30/14 16:29	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	12/30/14 16:29	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	12/30/14 16:29	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/30/14 16:29	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/30/14 16:29	
1,2-Dichloroethane	ug/L	ND	1.0	12/30/14 16:29	
1,2-Dichloropropane	ug/L	ND	1.0	12/30/14 16:29	
1,3-Dichlorobenzene	ug/L	ND	1.0	12/30/14 16:29	
1,3-Dichloropropane	ug/L	ND	1.0	12/30/14 16:29	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/30/14 16:29	
2,2-Dichloropropane	ug/L	ND	1.0	12/30/14 16:29	
2-Butanone (MEK)	ug/L	ND	5.0	12/30/14 16:29	
2-Chlorotoluene	ug/L	ND	1.0	12/30/14 16:29	
2-Hexanone	ug/L	ND	5.0	12/30/14 16:29	
4-Chlorotoluene	ug/L	ND	1.0	12/30/14 16:29	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/30/14 16:29	
Acetone	ug/L	ND	25.0	12/30/14 16:29	
Benzene	ug/L	ND	1.0	12/30/14 16:29	
Bromobenzene	ug/L	ND	1.0	12/30/14 16:29	
Bromochloromethane	ug/L	ND	1.0	12/30/14 16:29	
Bromodichloromethane	ug/L	ND	1.0	12/30/14 16:29	
Bromoform	ug/L	ND	1.0	12/30/14 16:29	
Bromomethane	ug/L	ND	2.0	12/30/14 16:29	
Carbon tetrachloride	ug/L	ND	1.0	12/30/14 16:29	
Chlorobenzene	ug/L	ND	1.0	12/30/14 16:29	
Chloroethane	ug/L	ND	1.0	12/30/14 16:29	
Chloroform	ug/L	ND	1.0	12/30/14 16:29	
Chloromethane	ug/L	ND	1.0	12/30/14 16:29	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/30/14 16:29	
cis-1,3-Dichloropropene	ug/L	ND	1.0	12/30/14 16:29	
Dibromochloromethane	ug/L	ND	1.0	12/30/14 16:29	
Dibromomethane	ug/L	ND	1.0	12/30/14 16:29	
Dichlorodifluoromethane	ug/L	ND	1.0	12/30/14 16:29	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

METHOD BLANK: 1361106 Matrix: Water
Associated Lab Samples: 92230389010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	12/30/14 16:29	
Ethylbenzene	ug/L	ND	1.0	12/30/14 16:29	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	12/30/14 16:29	
m&p-Xylene	ug/L	ND	2.0	12/30/14 16:29	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/30/14 16:29	
Methylene Chloride	ug/L	ND	2.0	12/30/14 16:29	
Naphthalene	ug/L	ND	1.0	12/30/14 16:29	
o-Xylene	ug/L	ND	1.0	12/30/14 16:29	
p-Isopropyltoluene	ug/L	ND	1.0	12/30/14 16:29	
Styrene	ug/L	ND	1.0	12/30/14 16:29	
Tetrachloroethene	ug/L	ND	1.0	12/30/14 16:29	
Toluene	ug/L	ND	1.0	12/30/14 16:29	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/30/14 16:29	
trans-1,3-Dichloropropene	ug/L	ND	1.0	12/30/14 16:29	
Trichloroethene	ug/L	ND	1.0	12/30/14 16:29	
Trichlorofluoromethane	ug/L	ND	1.0	12/30/14 16:29	
Vinyl acetate	ug/L	ND	2.0	12/30/14 16:29	
Vinyl chloride	ug/L	ND	1.0	12/30/14 16:29	
Xylene (Total)	ug/L	ND	2.0	12/30/14 16:29	
1,2-Dichloroethane-d4 (S)	%	96	70-130	12/30/14 16:29	
4-Bromofluorobenzene (S)	%	100	70-130	12/30/14 16:29	
Toluene-d8 (S)	%	99	70-130	12/30/14 16:29	

LABORATORY CONTROL SAMPLE: 1361107

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.4	105	70-130	
1,1,1-Trichloroethane	ug/L	50	53.2	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.7	101	70-130	
1,1,2-Trichloroethane	ug/L	50	54.7	109	70-130	
1,1-Dichloroethane	ug/L	50	55.4	111	70-130	
1,1-Dichloroethene	ug/L	50	55.5	111	70-132	
1,1-Dichloropropene	ug/L	50	56.9	114	70-130	
1,2,3-Trichlorobenzene	ug/L	50	47.0	94	70-135	
1,2,3-Trichloropropane	ug/L	50	47.4	95	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.0	98	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	48.3	97	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	53.9	108	70-130	
1,2-Dichlorobenzene	ug/L	50	50.6	101	70-130	
1,2-Dichloroethane	ug/L	50	49.5	99	70-130	
1,2-Dichloropropane	ug/L	50	52.6	105	70-130	
1,3-Dichlorobenzene	ug/L	50	50.5	101	70-130	
1,3-Dichloropropane	ug/L	50	51.2	102	70-130	
1,4-Dichlorobenzene	ug/L	50	51.0	102	70-130	

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(704)875-9092

QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

LABORATORY CONTROL SAMPLE: 1361107

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	55.8	112	58-145	
2-Butanone (MEK)	ug/L	100	89.6	90	70-145	
2-Chlorotoluene	ug/L	50	51.3	103	70-130	
2-Hexanone	ug/L	100	89.3	89	70-144	
4-Chlorotoluene	ug/L	50	50.4	101	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	97.9	98	70-140	
Acetone	ug/L	100	89.8	90	50-175	
Benzene	ug/L	50	55.1	110	70-130	
Bromobenzene	ug/L	50	51.0	102	70-130	
Bromochloromethane	ug/L	50	58.3	117	70-130	
Bromodichloromethane	ug/L	50	54.3	109	70-130	
Bromoform	ug/L	50	48.4	97	70-130	
Bromomethane	ug/L	50	50.9	102	54-130	
Carbon tetrachloride	ug/L	50	53.8	108	70-132	
Chlorobenzene	ug/L	50	51.5	103	70-130	
Chloroethane	ug/L	50	60.8	122	64-134	
Chloroform	ug/L	50	53.9	108	70-130	
Chloromethane	ug/L	50	51.0	102	64-130	
cis-1,2-Dichloroethene	ug/L	50	55.3	111	70-131	
cis-1,3-Dichloropropene	ug/L	50	55.3	111	70-130	
Dibromochloromethane	ug/L	50	49.5	99	70-130	
Dibromomethane	ug/L	50	53.2	106	70-131	
Dichlorodifluoromethane	ug/L	50	56.0	112	56-130	
Diisopropyl ether	ug/L	50	51.0	102	70-130	
Ethylbenzene	ug/L	50	50.2	100	70-130	
Hexachloro-1,3-butadiene	ug/L	50	41.5	83	70-130	
m&p-Xylene	ug/L	100	100	100	70-130	
Methyl-tert-butyl ether	ug/L	50	50.3	101	70-130	
Methylene Chloride	ug/L	50	52.6	105	63-130	
Naphthalene	ug/L	50	49.5	99	70-138	
o-Xylene	ug/L	50	49.9	100	70-130	
p-Isopropyltoluene	ug/L	50	50.8	102	70-130	
Styrene	ug/L	50	54.5	109	70-130	
Tetrachloroethene	ug/L	50	50.7	101	70-130	
Toluene	ug/L	50	53.8	108	70-130	
trans-1,2-Dichloroethene	ug/L	50	57.0	114	70-130	
trans-1,3-Dichloropropene	ug/L	50	56.1	112	70-132	
Trichloroethene	ug/L	50	51.7	103	70-130	
Trichlorofluoromethane	ug/L	50	51.7	103	62-133	
Vinyl acetate	ug/L	100	103	103	66-157	
Vinyl chloride	ug/L	50	52.4	105	50-150	
Xylene (Total)	ug/L	150	150	100	70-130	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			103	70-130	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

MATRIX SPIKE SAMPLE: 1361108

Parameter	Units	92230600006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	21.9	110	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	22.9	114	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20.5	102	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	22.1	111	70-130	
1,1-Dichloroethane	ug/L	ND	20	23.5	118	70-130	
1,1-Dichloroethene	ug/L	ND	20	24.5	122	70-166	
1,1-Dichloropropene	ug/L	ND	20	24.7	124	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	20	19.0	95	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	19.2	96	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	19.8	99	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	17.6	88	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	21.9	110	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	21.0	105	70-130	
1,2-Dichloroethane	ug/L	ND	20	20.1	100	70-130	
1,2-Dichloropropane	ug/L	ND	20	22.3	112	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	21.3	107	70-130	
1,3-Dichloropropane	ug/L	ND	20	21.2	106	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	21.4	107	70-130	
2,2-Dichloropropane	ug/L	ND	20	23.5	118	70-130	
2-Butanone (MEK)	ug/L	ND	40	35.4	88	70-130	
2-Chlorotoluene	ug/L	ND	20	21.8	109	70-130	
2-Hexanone	ug/L	ND	40	35.2	88	70-130	
4-Chlorotoluene	ug/L	ND	20	21.2	106	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	38.9	97	70-130	
Acetone	ug/L	ND	40	36.1	90	70-130	
Benzene	ug/L	ND	20	24.2	121	70-148	
Bromobenzene	ug/L	ND	20	20.8	104	70-130	
Bromochloromethane	ug/L	ND	20	24.8	124	70-130	
Bromodichloromethane	ug/L	ND	20	21.6	108	70-130	
Bromoform	ug/L	ND	20	19.6	98	70-130	
Bromomethane	ug/L	ND	20	26.5	133	70-130	M0
Carbon tetrachloride	ug/L	ND	20	23.1	116	70-130	
Chlorobenzene	ug/L	ND	20	22.1	110	70-146	
Chloroethane	ug/L	ND	20	27.4	137	70-130	M0
Chloroform	ug/L	ND	20	22.1	110	70-130	
Chloromethane	ug/L	ND	20	21.1	105	70-130	
cis-1,2-Dichloroethene	ug/L	ND	20	23.7	118	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	21.4	107	70-130	
Dibromochloromethane	ug/L	ND	20	20.6	103	70-130	
Dibromomethane	ug/L	ND	20	22.0	110	70-130	
Dichlorodifluoromethane	ug/L	ND	20	24.4	122	70-130	
Diisopropyl ether	ug/L	ND	20	20.8	104	70-130	
Ethylbenzene	ug/L	ND	20	22.1	111	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	20.7	103	70-130	
m&p-Xylene	ug/L	ND	40	44.3	111	70-130	
Methyl-tert-butyl ether	ug/L	ND	20	20.1	100	70-130	
Methylene Chloride	ug/L	ND	20	22.5	113	70-130	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

MATRIX SPIKE SAMPLE: 1361108

Parameter	Units	92230600006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	ND	20	19.4	97	70-130	
o-Xylene	ug/L	ND	20	21.5	108	70-130	
p-Isopropyltoluene	ug/L	ND	20	21.5	108	70-130	
Styrene	ug/L	ND	20	22.8	114	70-130	
Tetrachloroethene	ug/L	ND	20	22.0	110	70-130	
Toluene	ug/L	ND	20	22.9	115	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	24.8	124	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	21.6	108	70-130	
Trichloroethene	ug/L	ND	20	23.2	116	69-151	
Trichlorofluoromethane	ug/L	ND	20	22.9	115	70-130	
Vinyl acetate	ug/L	ND	40	39.9	100	70-130	
Vinyl chloride	ug/L	ND	20	22.2	111	70-130	
1,2-Dichloroethane-d4 (S)	%				94	70-130	
4-Bromofluorobenzene (S)	%				102	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 1361109

Parameter	Units	92230600007 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		
1,1,1-Trichloroethane	ug/L	ND	ND		
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		
1,1,2-Trichloroethane	ug/L	ND	ND		
1,1-Dichloroethane	ug/L	ND	ND		
1,1-Dichloroethene	ug/L	ND	ND		
1,1-Dichloropropene	ug/L	ND	ND		
1,2,3-Trichlorobenzene	ug/L	ND	ND		
1,2,3-Trichloropropane	ug/L	ND	ND		
1,2,4-Trichlorobenzene	ug/L	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
1,2-Dichlorobenzene	ug/L	ND	ND		
1,2-Dichloroethane	ug/L	ND	ND		
1,2-Dichloropropane	ug/L	ND	ND		
1,3-Dichlorobenzene	ug/L	ND	ND		
1,3-Dichloropropane	ug/L	ND	ND		
1,4-Dichlorobenzene	ug/L	ND	ND		
2,2-Dichloropropane	ug/L	ND	ND		
2-Butanone (MEK)	ug/L	ND	ND		
2-Chlorotoluene	ug/L	ND	ND		
2-Hexanone	ug/L	ND	ND		
4-Chlorotoluene	ug/L	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		
Acetone	ug/L	ND	ND		
Benzene	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

SAMPLE DUPLICATE: 1361109

Parameter	Units	92230600007 Result	Dup Result	RPD	Qualifiers
Bromobenzene	ug/L	ND	ND		
Bromochloromethane	ug/L	ND	ND		
Bromodichloromethane	ug/L	ND	ND		
Bromoform	ug/L	ND	ND		
Bromomethane	ug/L	ND	ND		
Carbon tetrachloride	ug/L	ND	ND		
Chlorobenzene	ug/L	ND	ND		
Chloroethane	ug/L	ND	ND		
Chloroform	ug/L	ND	ND		
Chloromethane	ug/L	ND	ND		
cis-1,2-Dichloroethene	ug/L	ND	.35J		
cis-1,3-Dichloropropene	ug/L	ND	ND		
Dibromochloromethane	ug/L	ND	ND		
Dibromomethane	ug/L	ND	ND		
Dichlorodifluoromethane	ug/L	ND	ND		
Diisopropyl ether	ug/L	ND	ND		
Ethylbenzene	ug/L	ND	ND		
Hexachloro-1,3-butadiene	ug/L	ND	ND		
m&p-Xylene	ug/L	ND	ND		
Methyl-tert-butyl ether	ug/L	ND	ND		
Methylene Chloride	ug/L	ND	ND		
Naphthalene	ug/L	ND	ND		
o-Xylene	ug/L	ND	ND		
p-Isopropyltoluene	ug/L	ND	ND		
Styrene	ug/L	ND	ND		
Tetrachloroethene	ug/L	ND	ND		
Toluene	ug/L	ND	ND		
trans-1,2-Dichloroethene	ug/L	ND	ND		
trans-1,3-Dichloropropene	ug/L	ND	ND		
Trichloroethene	ug/L	ND	ND		
Trichlorofluoromethane	ug/L	ND	ND		
Vinyl acetate	ug/L	ND	ND		
Vinyl chloride	ug/L	ND	ND		
Xylene (Total)	ug/L	ND	ND		
1,2-Dichloroethane-d4 (S)	%	115	114	1	
4-Bromofluorobenzene (S)	%	100	100	0	
Toluene-d8 (S)	%	97	97	0	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

QC Batch: OEXT/31889 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92230389001, 92230389002, 92230389003, 92230389004, 92230389005, 92230389007, 92230389008, 92230389010

METHOD BLANK: 1358234 Matrix: Water
Associated Lab Samples: 92230389001, 92230389002, 92230389003, 92230389004, 92230389005, 92230389007, 92230389008, 92230389010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	12/23/14 17:23	
4,4'-DDE	ug/L	ND	0.050	12/23/14 17:23	
4,4'-DDT	ug/L	ND	0.050	12/23/14 17:23	
Aldrin	ug/L	ND	0.050	12/23/14 17:23	
alpha-BHC	ug/L	ND	0.050	12/23/14 17:23	
beta-BHC	ug/L	ND	0.050	12/23/14 17:23	
Chlordane (Technical)	ug/L	ND	0.20	12/23/14 17:23	
delta-BHC	ug/L	ND	0.050	12/23/14 17:23	
Dieldrin	ug/L	ND	0.050	12/23/14 17:23	
Endosulfan I	ug/L	ND	0.050	12/23/14 17:23	
Endosulfan II	ug/L	ND	0.050	12/23/14 17:23	
Endosulfan sulfate	ug/L	ND	0.050	12/23/14 17:23	
Endrin	ug/L	ND	0.050	12/23/14 17:23	
Endrin aldehyde	ug/L	ND	0.050	12/23/14 17:23	
Endrin ketone	ug/L	ND	0.050	12/23/14 17:23	
gamma-BHC (Lindane)	ug/L	ND	0.050	12/23/14 17:23	
Heptachlor	ug/L	ND	0.050	12/23/14 17:23	
Heptachlor epoxide	ug/L	ND	0.050	12/23/14 17:23	
Hexachlorobenzene	ug/L	ND	0.050	12/23/14 17:23	
Methoxychlor	ug/L	ND	0.15	12/23/14 17:23	
Mirex	ug/L	ND	0.15	12/23/14 17:23	
Toxaphene	ug/L	ND	0.20	12/23/14 17:23	
Decachlorobiphenyl (S)	%	95	20-130	12/23/14 17:23	
Tetrachloro-m-xylene (S)	%	76	20-130	12/23/14 17:23	

LABORATORY CONTROL SAMPLE: 1358235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.27	108	20-150	
4,4'-DDE	ug/L	.25	0.22	89	20-150	
4,4'-DDT	ug/L	.25	0.27	111	20-150	
Aldrin	ug/L	.25	0.17	68	20-150	
alpha-BHC	ug/L	.25	0.26	106	20-150	
beta-BHC	ug/L	.25	0.28	113	20-150	
delta-BHC	ug/L	.25	0.29	118	20-150	
Dieldrin	ug/L	.25	0.26	103	20-150	
Endosulfan I	ug/L	.25	0.29	117	20-150	
Endosulfan II	ug/L	.25	0.28	113	20-150	

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QUALITY CONTROL DATA

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

LABORATORY CONTROL SAMPLE: 1358235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endosulfan sulfate	ug/L	.25	0.28	115	20-150	
Endrin	ug/L	.25	0.30	122	20-150	
Endrin aldehyde	ug/L	.25	0.24	98	20-150	
Endrin ketone	ug/L	.25	0.27	111	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.27	110	20-150	
Heptachlor	ug/L	.25	0.22	88	20-150	
Heptachlor epoxide	ug/L	.25	0.26	106	20-150	
Hexachlorobenzene	ug/L	.25	0.21	83	20-150	
Methoxychlor	ug/L	.74	0.84	113	20-150	
Mirex	ug/L	.74	0.79	107	20-150	
Decachlorobiphenyl (S)	%			39	20-130	
Tetrachloro-m-xylene (S)	%			97	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1358236 1358237

Parameter	Units	92229727001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4,4'-DDD	ug/L	ND	.5	.5	0.41	0.46	83	93	20-150	12	
4,4'-DDE	ug/L	ND	.5	.5	0.34	0.41	70	83	20-150	18	
4,4'-DDT	ug/L	ND	.5	.5	0.38	0.46	78	93	20-150	18	
Aldrin	ug/L	ND	.5	.5	0.29	0.34	59	69	20-150	15	
alpha-BHC	ug/L	ND	.5	.5	0.38	0.36	77	74	20-150	5	
beta-BHC	ug/L	ND	.5	.5	0.49	0.46	100	92	20-150	8	
delta-BHC	ug/L	ND	.5	.5	0.48	0.48	96	96	20-150	0	
Dieldrin	ug/L	ND	.5	.5	0.39	0.38	80	77	20-150	3	
Endosulfan I	ug/L	ND	.5	.5	0.43	0.43	86	86	20-150	0	
Endosulfan II	ug/L	ND	.5	.5	0.46	0.48	94	96	20-150	3	
Endosulfan sulfate	ug/L	ND	.5	.5	0.48	0.50	96	102	20-150	5	
Endrin	ug/L	ND	.5	.5	0.42	0.44	84	88	20-150	4	
Endrin aldehyde	ug/L	ND	.5	.5	0.42	0.41	85	82	20-150	4	
Endrin ketone	ug/L	ND	.5	.5	0.44	0.48	89	96	20-150	8	
gamma-BHC (Lindane)	ug/L	ND	.5	.5	0.41	0.41	83	83	20-150	0	
Heptachlor	ug/L	ND	.5	.5	0.38	0.47	76	94	20-150	22	
Heptachlor epoxide	ug/L	ND	.5	.5	0.40	0.39	81	79	20-150	3	
Hexachlorobenzene	ug/L	ND	.5	.5	0.29	0.30	59	61	20-150	4	
Methoxychlor	ug/L	ND	1.5	1.5	1.3	1.5	87	101	20-150	15	
Mirex	ug/L	ND	1.5	1.5	1.3	1.4	88	94	20-150	7	
Decachlorobiphenyl (S)	%						87	91	20-130		
Tetrachloro-m-xylene (S)	%						73	70	20-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

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

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Legion Industries6121-09-0444
Pace Project No.: 92230389

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92230389001	**MW-1**	EPA 3510	OEXT/31889	EPA 8081	GCSV/19904
92230389002	**MW-16**	EPA 3510	OEXT/31889	EPA 8081	GCSV/19904
92230389003	**MW-18**	EPA 3510	OEXT/31889	EPA 8081	GCSV/19904
92230389004	**PZ-2**	EPA 3510	OEXT/31889	EPA 8081	GCSV/19904
92230389005	**MW-13**	EPA 3510	OEXT/31889	EPA 8081	GCSV/19904
92230389007	**MW-15**	EPA 3510	OEXT/31889	EPA 8081	GCSV/19904
92230389008	**MW-4**	EPA 3510	OEXT/31889	EPA 8081	GCSV/19904
92230389010	**DUP**	EPA 3510	OEXT/31889	EPA 8081	GCSV/19904
92230389001	**MW-1**	EPA 8260	MSV/29809		
92230389002	**MW-16**	EPA 8260	MSV/29833		
92230389003	**MW-18**	EPA 8260	MSV/29809		
92230389004	**PZ-2**	EPA 8260	MSV/29809		
92230389005	**MW-13**	EPA 8260	MSV/29809		
92230389007	**MW-15**	EPA 8260	MSV/29809		
92230389008	**MW-4**	EPA 8260	MSV/29809		
92230389009	**Trip Blank**	EPA 8260	MSV/29809		
92230389010	**DUP**	EPA 8260	MSV/29858		

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Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Amec Ft I

Courier (Circle): Fed Ex UPS USPS (Client) Commercial (Pace) Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

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

Thermometer Used: ~~IR Gun#3 -130265963~~ **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.0 C

Corrected Cooler Temp.: 3.7 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C **Comments:**

Date and Initials of person examining contents: RDB 12/18/14

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	RDB 12/18/14
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☐Yes ☑No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Denise Trentham Date/Time: 12/18/14

Comments/ Resolution: Did not receive MW-14, however did receive Dup sample not listed on COC. KC, Analyze Dup sample

SCURF Review: JG **Date:** 12/18/14

SRF Review: MMD **Date:** 12/22/14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

WO#: 92230389

92230389

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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

1783476

Section A Required Client Information:

Company: AMEC GH1
Address: 2677 BUFORD HWY
ATLANTA, GA 30324
Email To: STEVE.FOLEY@AMEC.COM
Phone: 404-917-6152 Fax:
Requested Due Date/TAT: 1 WK

Section B Required Project Information:

Report To: STEVE FOLEY
Copy To:
Purchase Order No.:
Project Name: LEGION INDUSTRIES
Project Number: 6121-09-0444

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER 45RT

Site Location STATE: GA

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE
Drinking Water DW
Water WT
Waste Water WW
Product P
Soil/Solid SL
Oil OL
Wipe WP
Air AR
Tissue TS
Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ Y/N	VOCs 8260B	1,2-Dichloroethane	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1	WT	G			12/17/14	0923		5	2			3					N	N			92230389
2	MW-16						1030		5	2			3									001
3	MW-18						1300		5	2			3									002
4	PZ-2						1320		4	1			3									003
5	MW-13						1445		5	2			3									004
6	MW-14						1550		5	2			3									005
7	MW-15						1710		5	2			3									
8	MW-4						1830		5	2			3									007
9	TRIP BLANK								2				2									008
10																						009
11																						010
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	SRF AMEC	12/17/14	0700		12/18/14	0930				
		12/18/14	1555		12/18/14	1555	3.7	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: STEPHEN R FOLEY

SIGNATURE of SAMPLER: SRF

DATE Signed (MM/DD/YY): 12/17/14

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 03, 2015

Steve Foley
AMEC Environment & Infrastruct
396 Plasters Avenue
Atlanta, GA 30324

RE: Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Dear Steve Foley:
Enclosed are the analytical results for sample(s) received by the laboratory on December 20, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

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

Sincerely,

Kevin Godwin
kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Chuck Ferry, AMEC Environment & Infrastruct

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CERTIFICATIONS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92230609001	**MW-9**	EPA 8081	RES	24	PASI-C
		EPA 8260	JDW1	63	PASI-C
92230609002	**MW-6**	EPA 8081	RES	24	PASI-C
		EPA 8260	JDW1	63	PASI-C
92230609003	**MW-5**	EPA 8081	RES	24	PASI-C
		EPA 8260	JDW1	63	PASI-C
92230609004	**MW-7**	EPA 8081	RES	24	PASI-C
		EPA 8260	JDW1	63	PASI-C
92230609005	**MW-10**	EPA 8081	RES	24	PASI-C
		EPA 8260	JDW1	63	PASI-C
92230609006	**MW-11**	EPA 8081	RES	24	PASI-C
		EPA 8260	JDW1	63	PASI-C
92230609007	**MW-19**	EPA 8081	RES	24	PASI-C
		EPA 8260	GAW	63	PASI-C
92230609008	**MW-14**	EPA 8081	RES	24	PASI-C
		EPA 8260	GAW	63	PASI-C
92230609009	**DUP-2**	EPA 8081	RES	24	PASI-C
		EPA 8260	GAW	63	PASI-C
92230609010	**TRIP BLANK**	EPA 8260	GAW	63	PASI-C

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SUMMARY OF DETECTION

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92230609002	**MW-6**					
EPA 8260	cis-1,2-Dichloroethene	5.3	ug/L	1.0	12/31/14 11:46	
EPA 8260	Trichloroethene	4.2	ug/L	1.0	12/31/14 11:46	
92230609004	**MW-7**					
EPA 8260	cis-1,2-Dichloroethene	11.5	ug/L	1.0	12/31/14 12:20	
EPA 8260	Trichloroethene	10.4	ug/L	1.0	12/31/14 12:20	
92230609005	**MW-10**					
EPA 8260	Trichloroethene	1.0	ug/L	1.0	12/31/14 12:37	
92230609006	**MW-11**					
EPA 8081	alpha-BHC	1.0	ug/L	0.20	12/31/14 18:46	
EPA 8081	beta-BHC	0.52	ug/L	0.20	12/31/14 18:46	
EPA 8081	delta-BHC	1.2	ug/L	0.20	12/31/14 18:46	
EPA 8081	gamma-BHC (Lindane)	0.42	ug/L	0.20	12/31/14 18:46	
EPA 8081	4,4'-DDD	0.54	ug/L	0.20	12/31/14 18:46	
EPA 8081	Dieldrin	0.72	ug/L	0.20	12/31/14 18:46	
EPA 8081	Endrin ketone	2.4	ug/L	0.20	12/31/14 18:46	
EPA 8260	cis-1,2-Dichloroethene	6.2	ug/L	1.0	12/31/14 12:54	
EPA 8260	Naphthalene	3.4	ug/L	1.0	12/31/14 12:54	
EPA 8260	Trichloroethene	5.7	ug/L	1.0	12/31/14 12:54	
92230609007	**MW-19**					
EPA 8081	alpha-BHC	4.0	ug/L	1.0	12/31/14 19:04	
EPA 8081	beta-BHC	4.9	ug/L	1.0	12/31/14 19:04	
EPA 8081	delta-BHC	8.3	ug/L	1.0	12/31/14 19:04	
EPA 8081	gamma-BHC (Lindane)	4.4	ug/L	1.0	12/31/14 19:04	
EPA 8081	4,4'-DDD	7.4	ug/L	1.0	12/31/14 19:04	
EPA 8081	4,4'-DDT	1.6	ug/L	1.0	12/31/14 19:04	
EPA 8081	Dieldrin	4.4	ug/L	1.0	12/31/14 19:04	
EPA 8081	Endrin	2.6	ug/L	1.0	12/31/14 19:04	
EPA 8081	Endrin ketone	5.3	ug/L	1.0	12/31/14 19:04	
EPA 8260	Benzene	6.3	ug/L	5.0	12/31/14 16:53	
EPA 8260	Chlorobenzene	14.1	ug/L	5.0	12/31/14 16:53	
EPA 8260	cis-1,2-Dichloroethene	205	ug/L	5.0	12/31/14 16:53	
EPA 8260	Ethylbenzene	2330	ug/L	25.0	01/02/15 13:23	
EPA 8260	p-Isopropyltoluene	6.2	ug/L	5.0	12/31/14 16:53	
EPA 8260	Naphthalene	63.8	ug/L	5.0	12/31/14 16:53	
EPA 8260	Toluene	50.6	ug/L	5.0	12/31/14 16:53	
EPA 8260	Vinyl chloride	113	ug/L	5.0	12/31/14 16:53	
EPA 8260	Xylene (Total)	10900	ug/L	50.0	01/02/15 13:23	
EPA 8260	m&p-Xylene	8520	ug/L	50.0	01/02/15 13:23	
EPA 8260	o-Xylene	2350	ug/L	25.0	01/02/15 13:23	
92230609008	**MW-14**					
EPA 8260	cis-1,2-Dichloroethene	3.0	ug/L	1.0	12/31/14 13:32	
EPA 8260	Trichloroethene	4.0	ug/L	1.0	12/31/14 13:32	
92230609009	**DUP-2**					
EPA 8260	cis-1,2-Dichloroethene	2.1	ug/L	1.0	12/31/14 15:46	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92230609009	**DUP-2**					
EPA 8260	Trichloroethene	2.8	ug/L	1.0	12/31/14 15:46	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Method: **EPA 8081**
Description: 8081 Organochlorine Pesticides
Client: AMEC Environment & Infrastructure
Date: January 03, 2015

General Information:
9 samples were analyzed for EPA 8081. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/31932

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- MW-19 (Lab ID: 92230609007)
  - Tetrachloro-m-xylene (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: OEXT/31932

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92230609006

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1359643)
  - 4,4'-DDE
  - Endosulfan I
  - Endosulfan II
  - Endrin
  - Endrin aldehyde
  - Endrin ketone
  - Heptachlor epoxide
- MSD (Lab ID: 1359644)

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PROJECT NARRATIVE

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Method: **EPA 8081**
Description: 8081 Organochlorine Pesticides
Client: AMEC Environment & Infrastructure
Date: January 03, 2015

QC Batch: OEXT/31932

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92230609006

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- 4,4'-DDE
- Endosulfan I
- Endosulfan II
- Endrin
- Endrin aldehyde
- Heptachlor epoxide

R1: RPD value was outside control limits.

- MSD (Lab ID: 1359644)
  - Aldrin

Additional Comments:

Analyte Comments:

QC Batch: OEXT/31932

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- MW-11 (Lab ID: 92230609006)
  - Tetrachloro-m-xylene (S)
- MW-19 (Lab ID: 92230609007)
  - Tetrachloro-m-xylene (S)

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PROJECT NARRATIVE

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: AMEC Environment & Infrastructure
Date: January 03, 2015

General Information:
10 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/29859

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92230600024

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 1361203)
  - 1,1,1-Trichloroethane
  - 1,1-Dichloroethane
  - 1,1-Dichloropropene
  - 1,2-Dichloroethane
  - Acetone
  - Bromochloromethane
  - Bromodichloromethane
  - Bromomethane
  - Carbon tetrachloride
  - Chloroethane
  - Chloroform
  - Chloromethane
  - Dichlorodifluoromethane

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PROJECT NARRATIVE

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: AMEC Environment & Infrastructure
Date: January 03, 2015

QC Batch: MSV/29859

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92230600024

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- Diisopropyl ether
- Hexachloro-1,3-butadiene
- Methylene Chloride
- Trichlorofluoromethane
- Vinyl chloride
- cis-1,2-Dichloroethene
- trans-1,2-Dichloroethene

QC Batch: MSV/29872

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92230940011

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 1361780)
  - Hexachloro-1,3-butadiene

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-9 **Lab ID: 92230609001** Collected: 12/18/14 08:20 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	319-84-6	
beta-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	319-85-7	
delta-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	12/24/14 11:26	12/30/14 03:55	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	50-29-3	
Dieldrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	1031-07-8	
Endrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 03:55	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	12/24/14 11:26	12/30/14 03:55	72-43-5	
Mirex	ND	ug/L	0.15	1	12/24/14 11:26	12/30/14 03:55	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	12/24/14 11:26	12/30/14 03:55	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	83	%	20-130	1	12/24/14 11:26	12/30/14 03:55	877-09-8	
Decachlorobiphenyl (S)	85	%	20-130	1	12/24/14 11:26	12/30/14 03:55	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/31/14 11:29	67-64-1	
Benzene	ND	ug/L	1.0	1		12/31/14 11:29	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/31/14 11:29	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/31/14 11:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/31/14 11:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/31/14 11:29	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/31/14 11:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/31/14 11:29	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/31/14 11:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/31/14 11:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/31/14 11:29	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/31/14 11:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/31/14 11:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 11:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 11:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/31/14 11:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/31/14 11:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/31/14 11:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/31/14 11:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 11:29	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-9 **Lab ID: 92230609001** Collected: 12/18/14 08:20 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 11:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 11:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/31/14 11:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/31/14 11:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/31/14 11:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/31/14 11:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/31/14 11:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/31/14 11:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 11:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/31/14 11:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 11:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/31/14 11:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 11:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 11:29	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/31/14 11:29	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/31/14 11:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/31/14 11:29	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/31/14 11:29	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/31/14 11:29	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/31/14 11:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/31/14 11:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/31/14 11:29	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/31/14 11:29	91-20-3	
Styrene	ND	ug/L	1.0	1		12/31/14 11:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 11:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 11:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/31/14 11:29	127-18-4	
Toluene	ND	ug/L	1.0	1		12/31/14 11:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 11:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 11:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/31/14 11:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/31/14 11:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/31/14 11:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/31/14 11:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/31/14 11:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/31/14 11:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/31/14 11:29	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/31/14 11:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/31/14 11:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/31/14 11:29	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		12/31/14 11:29	460-00-4	
1,2-Dichloroethane-d4 (S)	123	%	70-130	1		12/31/14 11:29	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		12/31/14 11:29	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-6 **Lab ID: 92230609002** Collected: 12/18/14 08:45 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	319-84-6	
beta-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	319-85-7	
delta-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	12/24/14 11:26	12/30/14 04:13	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	50-29-3	
Dieldrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	1031-07-8	
Endrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:13	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	12/24/14 11:26	12/30/14 04:13	72-43-5	
Mirex	ND	ug/L	0.15	1	12/24/14 11:26	12/30/14 04:13	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	12/24/14 11:26	12/30/14 04:13	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	49	%	20-130	1	12/24/14 11:26	12/30/14 04:13	877-09-8	
Decachlorobiphenyl (S)	53	%	20-130	1	12/24/14 11:26	12/30/14 04:13	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/31/14 11:46	67-64-1	
Benzene	ND	ug/L	1.0	1		12/31/14 11:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/31/14 11:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/31/14 11:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/31/14 11:46	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/31/14 11:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/31/14 11:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/31/14 11:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/31/14 11:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/31/14 11:46	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/31/14 11:46	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/31/14 11:46	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/31/14 11:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 11:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 11:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/31/14 11:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/31/14 11:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/31/14 11:46	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/31/14 11:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 11:46	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-6 **Lab ID: 92230609002** Collected: 12/18/14 08:45 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 11:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 11:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/31/14 11:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/31/14 11:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/31/14 11:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/31/14 11:46	75-35-4	
cis-1,2-Dichloroethene	**5.3**	ug/L	1.0	1		12/31/14 11:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/31/14 11:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 11:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/31/14 11:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 11:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/31/14 11:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 11:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 11:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/31/14 11:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/31/14 11:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/31/14 11:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/31/14 11:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/31/14 11:46	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/31/14 11:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/31/14 11:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/31/14 11:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/31/14 11:46	91-20-3	
Styrene	ND	ug/L	1.0	1		12/31/14 11:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 11:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 11:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/31/14 11:46	127-18-4	
Toluene	ND	ug/L	1.0	1		12/31/14 11:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 11:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 11:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/31/14 11:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/31/14 11:46	79-00-5	
Trichloroethene	**4.2**	ug/L	1.0	1		12/31/14 11:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/31/14 11:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/31/14 11:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/31/14 11:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/31/14 11:46	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/31/14 11:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/31/14 11:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/31/14 11:46	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		12/31/14 11:46	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%	70-130	1		12/31/14 11:46	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		12/31/14 11:46	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-5 **Lab ID: 92230609003** Collected: 12/18/14 10:25 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	319-84-6	
beta-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	319-85-7	
delta-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	12/24/14 11:26	12/30/14 04:30	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	50-29-3	
Dieldrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	1031-07-8	
Endrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:30	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	12/24/14 11:26	12/30/14 04:30	72-43-5	
Mirex	ND	ug/L	0.15	1	12/24/14 11:26	12/30/14 04:30	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	12/24/14 11:26	12/30/14 04:30	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	62	%	20-130	1	12/24/14 11:26	12/30/14 04:30	877-09-8	
Decachlorobiphenyl (S)	54	%	20-130	1	12/24/14 11:26	12/30/14 04:30	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/31/14 12:03	67-64-1	
Benzene	ND	ug/L	1.0	1		12/31/14 12:03	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/31/14 12:03	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/31/14 12:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/31/14 12:03	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/31/14 12:03	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/31/14 12:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/31/14 12:03	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/31/14 12:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/31/14 12:03	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/31/14 12:03	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/31/14 12:03	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/31/14 12:03	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 12:03	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 12:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/31/14 12:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/31/14 12:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/31/14 12:03	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/31/14 12:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:03	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-5 **Lab ID: 92230609003** Collected: 12/18/14 10:25 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/31/14 12:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/31/14 12:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/31/14 12:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/31/14 12:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/31/14 12:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/31/14 12:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 12:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/31/14 12:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 12:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/31/14 12:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 12:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 12:03	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/31/14 12:03	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/31/14 12:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/31/14 12:03	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/31/14 12:03	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/31/14 12:03	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/31/14 12:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/31/14 12:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/31/14 12:03	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/31/14 12:03	91-20-3	
Styrene	ND	ug/L	1.0	1		12/31/14 12:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 12:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 12:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/31/14 12:03	127-18-4	
Toluene	ND	ug/L	1.0	1		12/31/14 12:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/31/14 12:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/31/14 12:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/31/14 12:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/31/14 12:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/31/14 12:03	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/31/14 12:03	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/31/14 12:03	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/31/14 12:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/31/14 12:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/31/14 12:03	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		12/31/14 12:03	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130	1		12/31/14 12:03	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		12/31/14 12:03	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-7 **Lab ID: 92230609004** Collected: 12/18/14 11:30 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	319-84-6	
beta-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	319-85-7	
delta-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	12/24/14 11:26	12/30/14 04:48	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	50-29-3	
Dieldrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	1031-07-8	
Endrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 04:48	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	12/24/14 11:26	12/30/14 04:48	72-43-5	
Mirex	ND	ug/L	0.15	1	12/24/14 11:26	12/30/14 04:48	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	12/24/14 11:26	12/30/14 04:48	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	57	%	20-130	1	12/24/14 11:26	12/30/14 04:48	877-09-8	
Decachlorobiphenyl (S)	77	%	20-130	1	12/24/14 11:26	12/30/14 04:48	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/31/14 12:20	67-64-1	
Benzene	ND	ug/L	1.0	1		12/31/14 12:20	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/31/14 12:20	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/31/14 12:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/31/14 12:20	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/31/14 12:20	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/31/14 12:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/31/14 12:20	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/31/14 12:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/31/14 12:20	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/31/14 12:20	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/31/14 12:20	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/31/14 12:20	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 12:20	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 12:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/31/14 12:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/31/14 12:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/31/14 12:20	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/31/14 12:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:20	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-7 **Lab ID: 92230609004** Collected: 12/18/14 11:30 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/31/14 12:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/31/14 12:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/31/14 12:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/31/14 12:20	75-35-4	
cis-1,2-Dichloroethene	**11.5**	ug/L	1.0	1		12/31/14 12:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/31/14 12:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 12:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/31/14 12:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 12:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/31/14 12:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 12:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 12:20	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/31/14 12:20	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/31/14 12:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/31/14 12:20	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/31/14 12:20	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/31/14 12:20	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/31/14 12:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/31/14 12:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/31/14 12:20	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/31/14 12:20	91-20-3	
Styrene	ND	ug/L	1.0	1		12/31/14 12:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 12:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 12:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/31/14 12:20	127-18-4	
Toluene	ND	ug/L	1.0	1		12/31/14 12:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/31/14 12:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/31/14 12:20	79-00-5	
Trichloroethene	**10.4**	ug/L	1.0	1		12/31/14 12:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/31/14 12:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/31/14 12:20	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/31/14 12:20	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/31/14 12:20	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/31/14 12:20	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/31/14 12:20	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/31/14 12:20	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		12/31/14 12:20	460-00-4	
1,2-Dichloroethane-d4 (S)	121	%	70-130	1		12/31/14 12:20	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		12/31/14 12:20	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-10 **Lab ID: 92230609005** Collected: 12/18/14 12:30 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	309-00-2	
alpha-BHC	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	319-84-6	
beta-BHC	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	319-85-7	
delta-BHC	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	58-89-9	
Chlordane (Technical)	ND	ug/L	0.40	1	12/24/14 11:26	12/30/14 05:06	57-74-9	
4,4'-DDD	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	72-54-8	
4,4'-DDE	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	72-55-9	
4,4'-DDT	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	50-29-3	
Dieldrin	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	60-57-1	
Endosulfan I	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	959-98-8	
Endosulfan II	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	1031-07-8	
Endrin	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	72-20-8	
Endrin aldehyde	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	7421-93-4	
Endrin ketone	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	53494-70-5	
Heptachlor	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	76-44-8	
Heptachlor epoxide	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.10	1	12/24/14 11:26	12/30/14 05:06	118-74-1	
Methoxychlor	ND	ug/L	0.30	1	12/24/14 11:26	12/30/14 05:06	72-43-5	
Mirex	ND	ug/L	0.30	1	12/24/14 11:26	12/30/14 05:06	2385-85-5	
Toxaphene	ND	ug/L	0.40	1	12/24/14 11:26	12/30/14 05:06	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	77	%	20-130	1	12/24/14 11:26	12/30/14 05:06	877-09-8	
Decachlorobiphenyl (S)	59	%	20-130	1	12/24/14 11:26	12/30/14 05:06	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/31/14 12:37	67-64-1	
Benzene	ND	ug/L	1.0	1		12/31/14 12:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/31/14 12:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/31/14 12:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/31/14 12:37	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/31/14 12:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/31/14 12:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/31/14 12:37	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/31/14 12:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/31/14 12:37	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/31/14 12:37	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/31/14 12:37	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/31/14 12:37	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 12:37	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 12:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/31/14 12:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/31/14 12:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/31/14 12:37	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/31/14 12:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:37	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-10 **Lab ID: 92230609005** Collected: 12/18/14 12:30 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/31/14 12:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/31/14 12:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/31/14 12:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/31/14 12:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/31/14 12:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/31/14 12:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 12:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/31/14 12:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 12:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/31/14 12:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 12:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 12:37	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/31/14 12:37	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/31/14 12:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/31/14 12:37	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/31/14 12:37	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/31/14 12:37	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/31/14 12:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/31/14 12:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/31/14 12:37	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/31/14 12:37	91-20-3	
Styrene	ND	ug/L	1.0	1		12/31/14 12:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 12:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 12:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/31/14 12:37	127-18-4	
Toluene	ND	ug/L	1.0	1		12/31/14 12:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/31/14 12:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/31/14 12:37	79-00-5	
Trichloroethene	**1.0**	ug/L	1.0	1		12/31/14 12:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/31/14 12:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/31/14 12:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/31/14 12:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/31/14 12:37	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/31/14 12:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/31/14 12:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/31/14 12:37	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		12/31/14 12:37	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130	1		12/31/14 12:37	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		12/31/14 12:37	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-11 **Lab ID: 92230609006** Collected: 12/18/14 13:45 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	309-00-2	
alpha-BHC	**1.0**	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	319-84-6	
beta-BHC	**0.52**	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	319-85-7	
delta-BHC	**1.2**	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	319-86-8	
gamma-BHC (Lindane)	**0.42**	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	58-89-9	
Chlordane (Technical)	ND	ug/L	0.80	4	12/24/14 11:26	12/31/14 18:46	57-74-9	
4,4'-DDD	**0.54**	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	72-54-8	
4,4'-DDE	ND	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	72-55-9	
4,4'-DDT	ND	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	50-29-3	
Dieldrin	**0.72**	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	60-57-1	
Endosulfan I	ND	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	959-98-8	
Endosulfan II	ND	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	1031-07-8	
Endrin	ND	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	72-20-8	
Endrin aldehyde	ND	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	7421-93-4	
Endrin ketone	**2.4**	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	53494-70-5	
Heptachlor	ND	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	76-44-8	
Heptachlor epoxide	ND	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.20	4	12/24/14 11:26	12/31/14 18:46	118-74-1	
Methoxychlor	ND	ug/L	0.60	4	12/24/14 11:26	12/31/14 18:46	72-43-5	
Mirex	ND	ug/L	0.60	4	12/24/14 11:26	12/31/14 18:46	2385-85-5	
Toxaphene	ND	ug/L	0.80	4	12/24/14 11:26	12/31/14 18:46	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	59	%	20-130	4	12/24/14 11:26	12/31/14 18:46	877-09-8	D3
Decachlorobiphenyl (S)	91	%	20-130	4	12/24/14 11:26	12/31/14 18:46	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/31/14 12:54	67-64-1	
Benzene	ND	ug/L	1.0	1		12/31/14 12:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/31/14 12:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/31/14 12:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/31/14 12:54	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/31/14 12:54	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/31/14 12:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/31/14 12:54	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/31/14 12:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/31/14 12:54	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/31/14 12:54	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/31/14 12:54	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/31/14 12:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 12:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 12:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/31/14 12:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/31/14 12:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/31/14 12:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/31/14 12:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:54	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-11 **Lab ID: 92230609006** Collected: 12/18/14 13:45 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/31/14 12:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/31/14 12:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/31/14 12:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/31/14 12:54	75-35-4	
cis-1,2-Dichloroethene	**6.2**	ug/L	1.0	1		12/31/14 12:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/31/14 12:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 12:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/31/14 12:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 12:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/31/14 12:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 12:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 12:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/31/14 12:54	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/31/14 12:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/31/14 12:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/31/14 12:54	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/31/14 12:54	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/31/14 12:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/31/14 12:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/31/14 12:54	1634-04-4	
Naphthalene	**3.4**	ug/L	1.0	1		12/31/14 12:54	91-20-3	
Styrene	ND	ug/L	1.0	1		12/31/14 12:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 12:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 12:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/31/14 12:54	127-18-4	
Toluene	ND	ug/L	1.0	1		12/31/14 12:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 12:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/31/14 12:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/31/14 12:54	79-00-5	
Trichloroethene	**5.7**	ug/L	1.0	1		12/31/14 12:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/31/14 12:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/31/14 12:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/31/14 12:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/31/14 12:54	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/31/14 12:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/31/14 12:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/31/14 12:54	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		12/31/14 12:54	460-00-4	
1,2-Dichloroethane-d4 (S)	121	%	70-130	1		12/31/14 12:54	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		12/31/14 12:54	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-19 **Lab ID: 92230609007** Collected: 12/18/14 14:45 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	309-00-2	
alpha-BHC	**4.0**	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	319-84-6	
beta-BHC	**4.9**	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	319-85-7	
delta-BHC	**8.3**	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	319-86-8	
gamma-BHC (Lindane)	**4.4**	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	58-89-9	
Chlordane (Technical)	ND	ug/L	4.0	20	12/24/14 11:26	12/31/14 19:04	57-74-9	
4,4'-DDD	**7.4**	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	72-54-8	
4,4'-DDE	ND	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	72-55-9	
4,4'-DDT	**1.6**	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	50-29-3	
Dieldrin	**4.4**	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	60-57-1	
Endosulfan I	ND	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	959-98-8	
Endosulfan II	ND	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	33213-65-9	
Endosulfan sulfate	ND	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	1031-07-8	
Endrin	**2.6**	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	72-20-8	
Endrin aldehyde	ND	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	7421-93-4	
Endrin ketone	**5.3**	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	53494-70-5	
Heptachlor	ND	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	76-44-8	
Heptachlor epoxide	ND	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	1024-57-3	
Hexachlorobenzene	ND	ug/L	1.0	20	12/24/14 11:26	12/31/14 19:04	118-74-1	
Methoxychlor	ND	ug/L	3.0	20	12/24/14 11:26	12/31/14 19:04	72-43-5	
Mirex	ND	ug/L	3.0	20	12/24/14 11:26	12/31/14 19:04	2385-85-5	
Toxaphene	ND	ug/L	4.0	20	12/24/14 11:26	12/31/14 19:04	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	20	12/24/14 11:26	12/31/14 19:04	877-09-8	D3,S4
Decachlorobiphenyl (S)	0	%	20-130	20	12/24/14 11:26	12/31/14 19:04	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	125	5		12/31/14 16:53	67-64-1	
Benzene	**6.3**	ug/L	5.0	5		12/31/14 16:53	71-43-2	
Bromobenzene	ND	ug/L	5.0	5		12/31/14 16:53	108-86-1	
Bromochloromethane	ND	ug/L	5.0	5		12/31/14 16:53	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	5		12/31/14 16:53	75-27-4	
Bromoform	ND	ug/L	5.0	5		12/31/14 16:53	75-25-2	
Bromomethane	ND	ug/L	10.0	5		12/31/14 16:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	5		12/31/14 16:53	78-93-3	
Carbon tetrachloride	ND	ug/L	5.0	5		12/31/14 16:53	56-23-5	
Chlorobenzene	**14.1**	ug/L	5.0	5		12/31/14 16:53	108-90-7	
Chloroethane	ND	ug/L	5.0	5		12/31/14 16:53	75-00-3	
Chloroform	ND	ug/L	5.0	5		12/31/14 16:53	67-66-3	
Chloromethane	ND	ug/L	5.0	5		12/31/14 16:53	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	5		12/31/14 16:53	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	5		12/31/14 16:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	5		12/31/14 16:53	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	5		12/31/14 16:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	5		12/31/14 16:53	106-93-4	
Dibromomethane	ND	ug/L	5.0	5		12/31/14 16:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	5		12/31/14 16:53	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-19 **Lab ID: 92230609007** Collected: 12/18/14 14:45 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	5.0	5		12/31/14 16:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	5		12/31/14 16:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	5		12/31/14 16:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	5		12/31/14 16:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	5		12/31/14 16:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	5		12/31/14 16:53	75-35-4	
cis-1,2-Dichloroethene	**205**	ug/L	5.0	5		12/31/14 16:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	5		12/31/14 16:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	5		12/31/14 16:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	5		12/31/14 16:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	5		12/31/14 16:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	5		12/31/14 16:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	5		12/31/14 16:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	5		12/31/14 16:53	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	5		12/31/14 16:53	108-20-3	
Ethylbenzene	**2330**	ug/L	25.0	25		01/02/15 13:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	5		12/31/14 16:53	87-68-3	
2-Hexanone	ND	ug/L	25.0	5		12/31/14 16:53	591-78-6	
p-Isopropyltoluene	**6.2**	ug/L	5.0	5		12/31/14 16:53	99-87-6	
Methylene Chloride	ND	ug/L	10.0	5		12/31/14 16:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	5		12/31/14 16:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	5		12/31/14 16:53	1634-04-4	
Naphthalene	**63.8**	ug/L	5.0	5		12/31/14 16:53	91-20-3	
Styrene	ND	ug/L	5.0	5		12/31/14 16:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	5		12/31/14 16:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	5		12/31/14 16:53	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	5		12/31/14 16:53	127-18-4	
Toluene	**50.6**	ug/L	5.0	5		12/31/14 16:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	5		12/31/14 16:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	5		12/31/14 16:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	5		12/31/14 16:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	5		12/31/14 16:53	79-00-5	
Trichloroethene	ND	ug/L	5.0	5		12/31/14 16:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	5		12/31/14 16:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	5		12/31/14 16:53	96-18-4	
Vinyl acetate	ND	ug/L	10.0	5		12/31/14 16:53	108-05-4	
Vinyl chloride	**113**	ug/L	5.0	5		12/31/14 16:53	75-01-4	
Xylene (Total)	**10900**	ug/L	50.0	25		01/02/15 13:23	1330-20-7	
m&p-Xylene	**8520**	ug/L	50.0	25		01/02/15 13:23	179601-23-1	
o-Xylene	**2350**	ug/L	25.0	25		01/02/15 13:23	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	93	%	70-130	5		12/31/14 16:53	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	5		12/31/14 16:53	17060-07-0	
Toluene-d8 (S)	103	%	70-130	5		12/31/14 16:53	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-14 **Lab ID: 92230609008** Collected: 12/18/14 15:50 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	319-84-6	
beta-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	319-85-7	
delta-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	12/24/14 11:26	12/30/14 06:33	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	50-29-3	
Dieldrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	1031-07-8	
Endrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:33	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	12/24/14 11:26	12/30/14 06:33	72-43-5	
Mirex	ND	ug/L	0.15	1	12/24/14 11:26	12/30/14 06:33	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	12/24/14 11:26	12/30/14 06:33	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	44	%	20-130	1	12/24/14 11:26	12/30/14 06:33	877-09-8	
Decachlorobiphenyl (S)	69	%	20-130	1	12/24/14 11:26	12/30/14 06:33	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/31/14 13:32	67-64-1	
Benzene	ND	ug/L	1.0	1		12/31/14 13:32	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/31/14 13:32	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/31/14 13:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/31/14 13:32	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/31/14 13:32	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/31/14 13:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/31/14 13:32	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/31/14 13:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/31/14 13:32	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/31/14 13:32	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/31/14 13:32	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/31/14 13:32	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 13:32	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 13:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/31/14 13:32	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/31/14 13:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/31/14 13:32	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/31/14 13:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 13:32	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: MW-14 **Lab ID: 92230609008** Collected: 12/18/14 15:50 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 13:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 13:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/31/14 13:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/31/14 13:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/31/14 13:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/31/14 13:32	75-35-4	
cis-1,2-Dichloroethene	**3.0**	ug/L	1.0	1		12/31/14 13:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/31/14 13:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 13:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/31/14 13:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 13:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/31/14 13:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 13:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 13:32	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/31/14 13:32	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/31/14 13:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/31/14 13:32	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/31/14 13:32	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/31/14 13:32	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/31/14 13:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/31/14 13:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/31/14 13:32	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/31/14 13:32	91-20-3	
Styrene	ND	ug/L	1.0	1		12/31/14 13:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 13:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 13:32	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/31/14 13:32	127-18-4	
Toluene	ND	ug/L	1.0	1		12/31/14 13:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 13:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 13:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/31/14 13:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/31/14 13:32	79-00-5	
Trichloroethene	**4.0**	ug/L	1.0	1		12/31/14 13:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/31/14 13:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/31/14 13:32	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/31/14 13:32	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/31/14 13:32	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/31/14 13:32	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/31/14 13:32	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/31/14 13:32	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	92	%	70-130	1		12/31/14 13:32	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		12/31/14 13:32	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		12/31/14 13:32	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: DUP-2 **Lab ID: 92230609009** Collected: 12/18/14 00:00 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	319-84-6	
beta-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	319-85-7	
delta-BHC	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	12/24/14 11:26	12/30/14 06:51	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	50-29-3	
Dieldrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	1031-07-8	
Endrin	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	12/24/14 11:26	12/30/14 06:51	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	12/24/14 11:26	12/30/14 06:51	72-43-5	
Mirex	ND	ug/L	0.15	1	12/24/14 11:26	12/30/14 06:51	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	12/24/14 11:26	12/30/14 06:51	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	65	%	20-130	1	12/24/14 11:26	12/30/14 06:51	877-09-8	
Decachlorobiphenyl (S)	74	%	20-130	1	12/24/14 11:26	12/30/14 06:51	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/31/14 15:46	67-64-1	
Benzene	ND	ug/L	1.0	1		12/31/14 15:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/31/14 15:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/31/14 15:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/31/14 15:46	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/31/14 15:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/31/14 15:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/31/14 15:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/31/14 15:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/31/14 15:46	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/31/14 15:46	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/31/14 15:46	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/31/14 15:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 15:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 15:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/31/14 15:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/31/14 15:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/31/14 15:46	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/31/14 15:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 15:46	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: DUP-2 **Lab ID: 92230609009** Collected: 12/18/14 00:00 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 15:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 15:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/31/14 15:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/31/14 15:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/31/14 15:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/31/14 15:46	75-35-4	
cis-1,2-Dichloroethene	**2.1**	ug/L	1.0	1		12/31/14 15:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/31/14 15:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 15:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/31/14 15:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 15:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/31/14 15:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 15:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 15:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/31/14 15:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/31/14 15:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/31/14 15:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/31/14 15:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/31/14 15:46	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/31/14 15:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/31/14 15:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/31/14 15:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/31/14 15:46	91-20-3	
Styrene	ND	ug/L	1.0	1		12/31/14 15:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 15:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 15:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/31/14 15:46	127-18-4	
Toluene	ND	ug/L	1.0	1		12/31/14 15:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 15:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 15:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/31/14 15:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/31/14 15:46	79-00-5	
Trichloroethene	**2.8**	ug/L	1.0	1		12/31/14 15:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/31/14 15:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/31/14 15:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/31/14 15:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/31/14 15:46	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/31/14 15:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/31/14 15:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/31/14 15:46	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	91	%	70-130	1		12/31/14 15:46	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		12/31/14 15:46	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		12/31/14 15:46	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: TRIP BLANK **Lab ID: 92230609010** Collected: 12/18/14 00:00 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		12/31/14 08:47	67-64-1	
Benzene	ND	ug/L	1.0	1		12/31/14 08:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/31/14 08:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/31/14 08:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/31/14 08:47	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/31/14 08:47	75-25-2	
Bromomethane	ND	ug/L	2.0	1		12/31/14 08:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/31/14 08:47	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/31/14 08:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/31/14 08:47	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/31/14 08:47	75-00-3	
Chloroform	ND	ug/L	1.0	1		12/31/14 08:47	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/31/14 08:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 08:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/31/14 08:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		12/31/14 08:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/31/14 08:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/31/14 08:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		12/31/14 08:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 08:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 08:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/31/14 08:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/31/14 08:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		12/31/14 08:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		12/31/14 08:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		12/31/14 08:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/31/14 08:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/31/14 08:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 08:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		12/31/14 08:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		12/31/14 08:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		12/31/14 08:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 08:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/31/14 08:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		12/31/14 08:47	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		12/31/14 08:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/31/14 08:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		12/31/14 08:47	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		12/31/14 08:47	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		12/31/14 08:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/31/14 08:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/31/14 08:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		12/31/14 08:47	91-20-3	
Styrene	ND	ug/L	1.0	1		12/31/14 08:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 08:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/31/14 08:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		12/31/14 08:47	127-18-4	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Sample: TRIP BLANK **Lab ID: 92230609010** Collected: 12/18/14 00:00 Received: 12/20/14 09:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Toluene	ND	ug/L	1.0	1		12/31/14 08:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 08:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/31/14 08:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/31/14 08:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/31/14 08:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		12/31/14 08:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		12/31/14 08:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/31/14 08:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		12/31/14 08:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		12/31/14 08:47	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		12/31/14 08:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		12/31/14 08:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		12/31/14 08:47	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		12/31/14 08:47	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		12/31/14 08:47	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		12/31/14 08:47	2037-26-5	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

QC Batch: MSV/29859 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92230609001, 92230609002, 92230609003, 92230609004, 92230609005, 92230609006

METHOD BLANK: 1361201 Matrix: Water
Associated Lab Samples: 92230609001, 92230609002, 92230609003, 92230609004, 92230609005, 92230609006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/31/14 04:39	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/31/14 04:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/31/14 04:39	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/31/14 04:39	
1,1-Dichloroethane	ug/L	ND	1.0	12/31/14 04:39	
1,1-Dichloroethene	ug/L	ND	1.0	12/31/14 04:39	
1,1-Dichloropropene	ug/L	ND	1.0	12/31/14 04:39	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	12/31/14 04:39	
1,2,3-Trichloropropane	ug/L	ND	1.0	12/31/14 04:39	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	12/31/14 04:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	12/31/14 04:39	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/31/14 04:39	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/31/14 04:39	
1,2-Dichloroethane	ug/L	ND	1.0	12/31/14 04:39	
1,2-Dichloropropane	ug/L	ND	1.0	12/31/14 04:39	
1,3-Dichlorobenzene	ug/L	ND	1.0	12/31/14 04:39	
1,3-Dichloropropane	ug/L	ND	1.0	12/31/14 04:39	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/31/14 04:39	
2,2-Dichloropropane	ug/L	ND	1.0	12/31/14 04:39	
2-Butanone (MEK)	ug/L	ND	5.0	12/31/14 04:39	
2-Chlorotoluene	ug/L	ND	1.0	12/31/14 04:39	
2-Hexanone	ug/L	ND	5.0	12/31/14 04:39	
4-Chlorotoluene	ug/L	ND	1.0	12/31/14 04:39	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/31/14 04:39	
Acetone	ug/L	ND	25.0	12/31/14 04:39	
Benzene	ug/L	ND	1.0	12/31/14 04:39	
Bromobenzene	ug/L	ND	1.0	12/31/14 04:39	
Bromochloromethane	ug/L	ND	1.0	12/31/14 04:39	
Bromodichloromethane	ug/L	ND	1.0	12/31/14 04:39	
Bromoform	ug/L	ND	1.0	12/31/14 04:39	
Bromomethane	ug/L	ND	2.0	12/31/14 04:39	
Carbon tetrachloride	ug/L	ND	1.0	12/31/14 04:39	
Chlorobenzene	ug/L	ND	1.0	12/31/14 04:39	
Chloroethane	ug/L	ND	1.0	12/31/14 04:39	
Chloroform	ug/L	ND	1.0	12/31/14 04:39	
Chloromethane	ug/L	ND	1.0	12/31/14 04:39	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/31/14 04:39	
cis-1,3-Dichloropropene	ug/L	ND	1.0	12/31/14 04:39	
Dibromochloromethane	ug/L	ND	1.0	12/31/14 04:39	
Dibromomethane	ug/L	ND	1.0	12/31/14 04:39	
Dichlorodifluoromethane	ug/L	ND	1.0	12/31/14 04:39	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

METHOD BLANK: 1361201 Matrix: Water
Associated Lab Samples: 92230609001, 92230609002, 92230609003, 92230609004, 92230609005, 92230609006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	12/31/14 04:39	
Ethylbenzene	ug/L	ND	1.0	12/31/14 04:39	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	12/31/14 04:39	
m&p-Xylene	ug/L	ND	2.0	12/31/14 04:39	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/31/14 04:39	
Methylene Chloride	ug/L	ND	2.0	12/31/14 04:39	
Naphthalene	ug/L	ND	1.0	12/31/14 04:39	
o-Xylene	ug/L	ND	1.0	12/31/14 04:39	
p-Isopropyltoluene	ug/L	ND	1.0	12/31/14 04:39	
Styrene	ug/L	ND	1.0	12/31/14 04:39	
Tetrachloroethene	ug/L	ND	1.0	12/31/14 04:39	
Toluene	ug/L	ND	1.0	12/31/14 04:39	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/31/14 04:39	
trans-1,3-Dichloropropene	ug/L	ND	1.0	12/31/14 04:39	
Trichloroethene	ug/L	ND	1.0	12/31/14 04:39	
Trichlorofluoromethane	ug/L	ND	1.0	12/31/14 04:39	
Vinyl acetate	ug/L	ND	2.0	12/31/14 04:39	
Vinyl chloride	ug/L	ND	1.0	12/31/14 04:39	
Xylene (Total)	ug/L	ND	2.0	12/31/14 04:39	
1,2-Dichloroethane-d4 (S)	%	106	70-130	12/31/14 04:39	
4-Bromofluorobenzene (S)	%	99	70-130	12/31/14 04:39	
Toluene-d8 (S)	%	98	70-130	12/31/14 04:39	

LABORATORY CONTROL SAMPLE: 1361202

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.2	110	70-130	
1,1,1-Trichloroethane	ug/L	50	59.6	119	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.0	96	70-130	
1,1,2-Trichloroethane	ug/L	50	54.0	108	70-130	
1,1-Dichloroethane	ug/L	50	59.5	119	70-130	
1,1-Dichloroethene	ug/L	50	60.7	121	70-132	
1,1-Dichloropropene	ug/L	50	58.4	117	70-130	
1,2,3-Trichlorobenzene	ug/L	50	43.8	88	70-135	
1,2,3-Trichloropropane	ug/L	50	46.5	93	70-130	
1,2,4-Trichlorobenzene	ug/L	50	46.7	93	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	45.2	90	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	53.8	108	70-130	
1,2-Dichlorobenzene	ug/L	50	49.9	100	70-130	
1,2-Dichloroethane	ug/L	50	56.0	112	70-130	
1,2-Dichloropropane	ug/L	50	53.7	107	70-130	
1,3-Dichlorobenzene	ug/L	50	49.5	99	70-130	
1,3-Dichloropropane	ug/L	50	51.6	103	70-130	
1,4-Dichlorobenzene	ug/L	50	49.8	100	70-130	

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(704)875-9092

QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

LABORATORY CONTROL SAMPLE: 1361202

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	53.6	107	58-145	
2-Butanone (MEK)	ug/L	100	83.8	84	70-145	
2-Chlorotoluene	ug/L	50	51.8	104	70-130	
2-Hexanone	ug/L	100	86.1	86	70-144	
4-Chlorotoluene	ug/L	50	50.9	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	96.8	97	70-140	
Acetone	ug/L	100	88.0	88	50-175	
Benzene	ug/L	50	55.2	110	70-130	
Bromobenzene	ug/L	50	52.2	104	70-130	
Bromochloromethane	ug/L	50	60.0	120	70-130	
Bromodichloromethane	ug/L	50	57.5	115	70-130	
Bromoform	ug/L	50	47.9	96	70-130	
Bromomethane	ug/L	50	53.6	107	54-130	
Carbon tetrachloride	ug/L	50	59.4	119	70-132	
Chlorobenzene	ug/L	50	51.8	104	70-130	
Chloroethane	ug/L	50	62.3	125	64-134	
Chloroform	ug/L	50	58.0	116	70-130	
Chloromethane	ug/L	50	54.0	108	64-130	
cis-1,2-Dichloroethene	ug/L	50	59.9	120	70-131	
cis-1,3-Dichloropropene	ug/L	50	55.5	111	70-130	
Dibromochloromethane	ug/L	50	51.4	103	70-130	
Dibromomethane	ug/L	50	52.0	104	70-131	
Dichlorodifluoromethane	ug/L	50	59.9	120	56-130	
Diisopropyl ether	ug/L	50	55.9	112	70-130	
Ethylbenzene	ug/L	50	51.0	102	70-130	
Hexachloro-1,3-butadiene	ug/L	50	39.2	78	70-130	
m&p-Xylene	ug/L	100	103	103	70-130	
Methyl-tert-butyl ether	ug/L	50	53.3	107	70-130	
Methylene Chloride	ug/L	50	60.3	121	63-130	
Naphthalene	ug/L	50	44.1	88	70-138	
o-Xylene	ug/L	50	51.0	102	70-130	
p-Isopropyltoluene	ug/L	50	50.0	100	70-130	
Styrene	ug/L	50	55.2	110	70-130	
Tetrachloroethene	ug/L	50	49.7	99	70-130	
Toluene	ug/L	50	53.7	107	70-130	
trans-1,2-Dichloroethene	ug/L	50	60.3	121	70-130	
trans-1,3-Dichloropropene	ug/L	50	56.9	114	70-132	
Trichloroethene	ug/L	50	52.0	104	70-130	
Trichlorofluoromethane	ug/L	50	59.5	119	62-133	
Vinyl acetate	ug/L	100	109	109	66-157	
Vinyl chloride	ug/L	50	53.5	107	50-150	
Xylene (Total)	ug/L	150	154	102	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			103	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

MATRIX SPIKE SAMPLE: 1361203

Parameter	Units	92230600024 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	25.9	130	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	29.0	145	70-130	M0
1,1,2,2-Tetrachloroethane	ug/L	ND	20	24.1	121	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	25.4	127	70-130	
1,1-Dichloroethane	ug/L	ND	20	29.3	147	70-130	M0
1,1-Dichloroethene	ug/L	ND	20	30.1	150	70-166	
1,1-Dichloropropene	ug/L	ND	20	29.6	148	70-130	M0
1,2,3-Trichlorobenzene	ug/L	ND	20	22.8	114	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	23.6	118	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	22.8	114	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	24.1	120	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	25.9	129	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	24.3	121	70-130	
1,2-Dichloroethane	ug/L	ND	20	26.4	132	70-130	M0
1,2-Dichloropropane	ug/L	ND	20	25.6	128	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	24.4	122	70-130	
1,3-Dichloropropane	ug/L	ND	20	24.9	124	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	24.7	124	70-130	
2,2-Dichloropropane	ug/L	ND	20	25.6	128	70-130	
2-Butanone (MEK)	ug/L	ND	40	50.0	125	70-130	
2-Chlorotoluene	ug/L	ND	20	25.5	127	70-130	
2-Hexanone	ug/L	ND	40	48.8	122	70-130	
4-Chlorotoluene	ug/L	ND	20	24.9	125	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	51.0	127	70-130	
Acetone	ug/L	ND	40	53.0	133	70-130	M0
Benzene	ug/L	ND	20	27.5	138	70-148	
Bromobenzene	ug/L	ND	20	25.1	126	70-130	
Bromochloromethane	ug/L	ND	20	28.8	144	70-130	M0
Bromodichloromethane	ug/L	ND	20	26.9	135	70-130	M0
Bromoform	ug/L	ND	20	22.3	111	70-130	
Bromomethane	ug/L	ND	20	28.0	140	70-130	M0
Carbon tetrachloride	ug/L	ND	20	28.0	140	70-130	M0
Chlorobenzene	ug/L	ND	20	25.7	128	70-146	
Chloroethane	ug/L	ND	20	30.6	153	70-130	M0
Chloroform	ug/L	ND	20	27.3	137	70-130	M0
Chloromethane	ug/L	ND	20	27.1	136	70-130	M0
cis-1,2-Dichloroethene	ug/L	14.8	20	44.0	146	70-130	M0
cis-1,3-Dichloropropene	ug/L	ND	20	24.6	123	70-130	
Dibromochloromethane	ug/L	ND	20	24.0	120	70-130	
Dibromomethane	ug/L	ND	20	24.5	123	70-130	
Dichlorodifluoromethane	ug/L	ND	20	29.8	149	70-130	M0
Diisopropyl ether	ug/L	ND	20	26.9	134	70-130	M0
Ethylbenzene	ug/L	ND	20	25.0	125	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	28.6	143	70-130	M0
m&p-Xylene	ug/L	ND	40	48.2	120	70-130	
Methyl-tert-butyl ether	ug/L	ND	20	25.2	126	70-130	
Methylene Chloride	ug/L	ND	20	28.5	142	70-130	M0

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

MATRIX SPIKE SAMPLE: 1361203

Parameter	Units	92230600024 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	ND	20	24.0	120	70-130	
o-Xylene	ug/L	ND	20	24.7	123	70-130	
p-Isopropyltoluene	ug/L	ND	20	25.0	125	70-130	
Styrene	ug/L	ND	20	23.9	120	70-130	
Tetrachloroethene	ug/L	ND	20	24.5	123	70-130	
Toluene	ug/L	ND	20	26.1	130	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	30.2	151	70-130	M0
trans-1,3-Dichloropropene	ug/L	ND	20	25.3	127	70-130	
Trichloroethene	ug/L	1.4	20	27.0	128	69-151	
Trichlorofluoromethane	ug/L	ND	20	29.0	145	70-130	M0
Vinyl acetate	ug/L	ND	40	44.3	111	70-130	
Vinyl chloride	ug/L	ND	20	26.7	134	70-130	M0
1,2-Dichloroethane-d4 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				101	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 1361240

Parameter	Units	92230600029 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		
1,1,1-Trichloroethane	ug/L	ND	ND		
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		
1,1,2-Trichloroethane	ug/L	ND	ND		
1,1-Dichloroethane	ug/L	ND	.53J		
1,1-Dichloroethene	ug/L	ND	ND		
1,1-Dichloropropene	ug/L	ND	ND		
1,2,3-Trichlorobenzene	ug/L	ND	ND		
1,2,3-Trichloropropane	ug/L	ND	ND		
1,2,4-Trichlorobenzene	ug/L	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
1,2-Dichlorobenzene	ug/L	ND	ND		
1,2-Dichloroethane	ug/L	ND	ND		
1,2-Dichloropropane	ug/L	ND	ND		
1,3-Dichlorobenzene	ug/L	ND	ND		
1,3-Dichloropropane	ug/L	ND	ND		
1,4-Dichlorobenzene	ug/L	ND	ND		
2,2-Dichloropropane	ug/L	ND	ND		
2-Butanone (MEK)	ug/L	ND	ND		
2-Chlorotoluene	ug/L	ND	ND		
2-Hexanone	ug/L	ND	ND		
4-Chlorotoluene	ug/L	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		
Acetone	ug/L	ND	ND		
Benzene	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

SAMPLE DUPLICATE: 1361240

Parameter	Units	92230600029 Result	Dup Result	RPD	Qualifiers
Bromobenzene	ug/L	ND	ND		
Bromochloromethane	ug/L	ND	ND		
Bromodichloromethane	ug/L	ND	ND		
Bromoform	ug/L	ND	ND		
Bromomethane	ug/L	ND	ND		
Carbon tetrachloride	ug/L	ND	ND		
Chlorobenzene	ug/L	ND	ND		
Chloroethane	ug/L	ND	ND		
Chloroform	ug/L	ND	ND		
Chloromethane	ug/L	ND	ND		
cis-1,2-Dichloroethene	ug/L	10.3	10.3	0	
cis-1,3-Dichloropropene	ug/L	ND	ND		
Dibromochloromethane	ug/L	ND	ND		
Dibromomethane	ug/L	ND	ND		
Dichlorodifluoromethane	ug/L	ND	ND		
Diisopropyl ether	ug/L	ND	ND		
Ethylbenzene	ug/L	ND	ND		
Hexachloro-1,3-butadiene	ug/L	ND	ND		
m&p-Xylene	ug/L	ND	ND		
Methyl-tert-butyl ether	ug/L	ND	ND		
Methylene Chloride	ug/L	ND	ND		
Naphthalene	ug/L	ND	ND		
o-Xylene	ug/L	ND	ND		
p-Isopropyltoluene	ug/L	ND	ND		
Styrene	ug/L	ND	ND		
Tetrachloroethene	ug/L	ND	ND		
Toluene	ug/L	ND	ND		
trans-1,2-Dichloroethene	ug/L	ND	ND		
trans-1,3-Dichloropropene	ug/L	ND	ND		
Trichloroethene	ug/L	27.0	26.3	3	
Trichlorofluoromethane	ug/L	ND	ND		
Vinyl acetate	ug/L	ND	ND		
Vinyl chloride	ug/L	ND	ND		
Xylene (Total)	ug/L	ND	ND		
1,2-Dichloroethane-d4 (S)	%	120	121	1	
4-Bromofluorobenzene (S)	%	101	102	1	
Toluene-d8 (S)	%	99	99	1	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

QC Batch: MSV/29872 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92230609007, 92230609008, 92230609009, 92230609010

METHOD BLANK: 1361770 Matrix: Water
Associated Lab Samples: 92230609007, 92230609008, 92230609009, 92230609010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/31/14 07:40	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/31/14 07:40	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/31/14 07:40	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/31/14 07:40	
1,1-Dichloroethane	ug/L	ND	1.0	12/31/14 07:40	
1,1-Dichloroethene	ug/L	ND	1.0	12/31/14 07:40	
1,1-Dichloropropene	ug/L	ND	1.0	12/31/14 07:40	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	12/31/14 07:40	
1,2,3-Trichloropropane	ug/L	ND	1.0	12/31/14 07:40	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	12/31/14 07:40	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	12/31/14 07:40	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/31/14 07:40	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/31/14 07:40	
1,2-Dichloroethane	ug/L	ND	1.0	12/31/14 07:40	
1,2-Dichloropropane	ug/L	ND	1.0	12/31/14 07:40	
1,3-Dichlorobenzene	ug/L	ND	1.0	12/31/14 07:40	
1,3-Dichloropropane	ug/L	ND	1.0	12/31/14 07:40	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/31/14 07:40	
2,2-Dichloropropane	ug/L	ND	1.0	12/31/14 07:40	
2-Butanone (MEK)	ug/L	ND	5.0	12/31/14 07:40	
2-Chlorotoluene	ug/L	ND	1.0	12/31/14 07:40	
2-Hexanone	ug/L	ND	5.0	12/31/14 07:40	
4-Chlorotoluene	ug/L	ND	1.0	12/31/14 07:40	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/31/14 07:40	
Acetone	ug/L	ND	25.0	12/31/14 07:40	
Benzene	ug/L	ND	1.0	12/31/14 07:40	
Bromobenzene	ug/L	ND	1.0	12/31/14 07:40	
Bromochloromethane	ug/L	ND	1.0	12/31/14 07:40	
Bromodichloromethane	ug/L	ND	1.0	12/31/14 07:40	
Bromoform	ug/L	ND	1.0	12/31/14 07:40	
Bromomethane	ug/L	ND	2.0	12/31/14 07:40	
Carbon tetrachloride	ug/L	ND	1.0	12/31/14 07:40	
Chlorobenzene	ug/L	ND	1.0	12/31/14 07:40	
Chloroethane	ug/L	ND	1.0	12/31/14 07:40	
Chloroform	ug/L	ND	1.0	12/31/14 07:40	
Chloromethane	ug/L	ND	1.0	12/31/14 07:40	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/31/14 07:40	
cis-1,3-Dichloropropene	ug/L	ND	1.0	12/31/14 07:40	
Dibromochloromethane	ug/L	ND	1.0	12/31/14 07:40	
Dibromomethane	ug/L	ND	1.0	12/31/14 07:40	
Dichlorodifluoromethane	ug/L	ND	1.0	12/31/14 07:40	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

METHOD BLANK: 1361770 Matrix: Water
Associated Lab Samples: 92230609007, 92230609008, 92230609009, 92230609010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	12/31/14 07:40	
Ethylbenzene	ug/L	ND	1.0	12/31/14 07:40	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	12/31/14 07:40	
m&p-Xylene	ug/L	ND	2.0	12/31/14 07:40	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/31/14 07:40	
Methylene Chloride	ug/L	ND	2.0	12/31/14 07:40	
Naphthalene	ug/L	ND	1.0	12/31/14 07:40	
o-Xylene	ug/L	ND	1.0	12/31/14 07:40	
p-Isopropyltoluene	ug/L	ND	1.0	12/31/14 07:40	
Styrene	ug/L	ND	1.0	12/31/14 07:40	
Tetrachloroethene	ug/L	ND	1.0	12/31/14 07:40	
Toluene	ug/L	ND	1.0	12/31/14 07:40	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/31/14 07:40	
trans-1,3-Dichloropropene	ug/L	ND	1.0	12/31/14 07:40	
Trichloroethene	ug/L	ND	1.0	12/31/14 07:40	
Trichlorofluoromethane	ug/L	ND	1.0	12/31/14 07:40	
Vinyl acetate	ug/L	ND	2.0	12/31/14 07:40	
Vinyl chloride	ug/L	ND	1.0	12/31/14 07:40	
Xylene (Total)	ug/L	ND	2.0	12/31/14 07:40	
1,2-Dichloroethane-d4 (S)	%	102	70-130	12/31/14 07:40	
4-Bromofluorobenzene (S)	%	98	70-130	12/31/14 07:40	
Toluene-d8 (S)	%	96	70-130	12/31/14 07:40	

LABORATORY CONTROL SAMPLE: 1361771

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.6	107	70-130	
1,1,1-Trichloroethane	ug/L	50	51.4	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.9	104	70-130	
1,1,2-Trichloroethane	ug/L	50	52.6	105	70-130	
1,1-Dichloroethane	ug/L	50	52.0	104	70-130	
1,1-Dichloroethene	ug/L	50	51.5	103	70-132	
1,1-Dichloropropene	ug/L	50	51.9	104	70-130	
1,2,3-Trichlorobenzene	ug/L	50	52.6	105	70-135	
1,2,3-Trichloropropane	ug/L	50	48.3	97	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.6	107	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	53.1	106	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	54.9	110	70-130	
1,2-Dichlorobenzene	ug/L	50	52.3	105	70-130	
1,2-Dichloroethane	ug/L	50	50.3	101	70-130	
1,2-Dichloropropane	ug/L	50	50.0	100	70-130	
1,3-Dichlorobenzene	ug/L	50	50.6	101	70-130	
1,3-Dichloropropane	ug/L	50	52.3	105	70-130	
1,4-Dichlorobenzene	ug/L	50	51.0	102	70-130	

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(704)875-9092

QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

LABORATORY CONTROL SAMPLE: 1361771

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	48.6	97	58-145	
2-Butanone (MEK)	ug/L	100	100	100	70-145	
2-Chlorotoluene	ug/L	50	47.0	94	70-130	
2-Hexanone	ug/L	100	104	104	70-144	
4-Chlorotoluene	ug/L	50	51.5	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	109	109	70-140	
Acetone	ug/L	100	92.1	92	50-175	
Benzene	ug/L	50	52.4	105	70-130	
Bromobenzene	ug/L	50	51.9	104	70-130	
Bromochloromethane	ug/L	50	50.4	101	70-130	
Bromodichloromethane	ug/L	50	53.4	107	70-130	
Bromoform	ug/L	50	48.6	97	70-130	
Bromomethane	ug/L	50	45.1	90	54-130	
Carbon tetrachloride	ug/L	50	51.9	104	70-132	
Chlorobenzene	ug/L	50	50.0	100	70-130	
Chloroethane	ug/L	50	44.1	88	64-134	
Chloroform	ug/L	50	51.5	103	70-130	
Chloromethane	ug/L	50	46.0	92	64-130	
cis-1,2-Dichloroethene	ug/L	50	53.2	106	70-131	
cis-1,3-Dichloropropene	ug/L	50	53.9	108	70-130	
Dibromochloromethane	ug/L	50	49.8	100	70-130	
Dibromomethane	ug/L	50	52.9	106	70-131	
Dichlorodifluoromethane	ug/L	50	44.8	90	56-130	
Diisopropyl ether	ug/L	50	49.3	99	70-130	
Ethylbenzene	ug/L	50	50.2	100	70-130	
Hexachloro-1,3-butadiene	ug/L	50	52.1	104	70-130	
m&p-Xylene	ug/L	100	99.8	100	70-130	
Methyl-tert-butyl ether	ug/L	50	46.0	92	70-130	
Methylene Chloride	ug/L	50	53.1	106	63-130	
Naphthalene	ug/L	50	55.6	111	70-138	
o-Xylene	ug/L	50	50.7	101	70-130	
p-Isopropyltoluene	ug/L	50	52.7	105	70-130	
Styrene	ug/L	50	53.9	108	70-130	
Tetrachloroethene	ug/L	50	50.4	101	70-130	
Toluene	ug/L	50	50.2	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	53.4	107	70-130	
trans-1,3-Dichloropropene	ug/L	50	54.2	108	70-132	
Trichloroethene	ug/L	50	51.4	103	70-130	
Trichlorofluoromethane	ug/L	50	45.3	91	62-133	
Vinyl acetate	ug/L	100	103	103	66-157	
Vinyl chloride	ug/L	50	46.1	92	50-150	
Xylene (Total)	ug/L	150	151	100	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

MATRIX SPIKE SAMPLE: 1361780

Parameter	Units	92230940011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	23.1	115	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	23.6	118	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	22.4	112	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	22.5	112	70-130	
1,1-Dichloroethane	ug/L	ND	20	24.1	121	70-130	
1,1-Dichloroethene	ug/L	ND	20	23.2	116	70-166	
1,1-Dichloropropene	ug/L	ND	20	23.9	119	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	20	22.1	110	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	21.7	108	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	22.8	114	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	19.2	96	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	22.5	112	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	22.5	113	70-130	
1,2-Dichloroethane	ug/L	ND	20	21.5	107	70-130	
1,2-Dichloropropane	ug/L	ND	20	21.5	108	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	22.7	114	70-130	
1,3-Dichloropropane	ug/L	ND	20	22.2	111	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	22.3	112	70-130	
2,2-Dichloropropane	ug/L	ND	20	17.9	89	70-130	
2-Butanone (MEK)	ug/L	ND	40	38.7	97	70-130	
2-Chlorotoluene	ug/L	ND	20	21.0	105	70-130	
2-Hexanone	ug/L	ND	40	43.9	110	70-130	
4-Chlorotoluene	ug/L	ND	20	23.1	115	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	43.7	109	70-130	
Acetone	ug/L	ND	40	41.8	97	70-130	
Benzene	ug/L	ND	20	23.7	119	70-148	
Bromobenzene	ug/L	ND	20	22.4	112	70-130	
Bromochloromethane	ug/L	ND	20	24.1	120	70-130	
Bromodichloromethane	ug/L	ND	20	21.0	105	70-130	
Bromoform	ug/L	ND	20	19.6	98	70-130	
Bromomethane	ug/L	ND	20	15.3	77	70-130	
Carbon tetrachloride	ug/L	ND	20	22.8	114	70-130	
Chlorobenzene	ug/L	ND	20	22.8	114	70-146	
Chloroethane	ug/L	ND	20	21.3	106	70-130	
Chloroform	ug/L	ND	20	21.9	109	70-130	
Chloromethane	ug/L	ND	20	21.1	106	70-130	
cis-1,2-Dichloroethene	ug/L	ND	20	23.4	117	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	20.3	101	70-130	
Dibromochloromethane	ug/L	ND	20	20.6	103	70-130	
Dibromomethane	ug/L	ND	20	22.1	111	70-130	
Dichlorodifluoromethane	ug/L	ND	20	22.1	110	70-130	
Diisopropyl ether	ug/L	ND	20	20.6	103	70-130	
Ethylbenzene	ug/L	ND	20	23.5	117	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	29.2	146	70-130	M0
m&p-Xylene	ug/L	ND	40	46.5	116	70-130	
Methyl-tert-butyl ether	ug/L	ND	20	19.3	97	70-130	
Methylene Chloride	ug/L	ND	20	23.4	117	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

MATRIX SPIKE SAMPLE: 1361780

Parameter	Units	92230940011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	ND	20	22.7	113	70-130	
o-Xylene	ug/L	ND	20	22.8	114	70-130	
p-Isopropyltoluene	ug/L	ND	20	23.6	118	70-130	
Styrene	ug/L	ND	20	20.4	102	70-130	
Tetrachloroethene	ug/L	ND	20	23.0	115	70-130	
Toluene	ug/L	ND	20	22.6	113	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	23.7	119	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	20.7	103	70-130	
Trichloroethene	ug/L	ND	20	23.4	117	69-151	
Trichlorofluoromethane	ug/L	ND	20	24.4	122	70-130	
Vinyl acetate	ug/L	ND	40	31.5	79	70-130	
Vinyl chloride	ug/L	ND	20	21.7	109	70-130	
1,2-Dichloroethane-d4 (S)	%				101	70-130	
4-Bromofluorobenzene (S)	%				93	70-130	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 1361772

Parameter	Units	92230609008 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		
1,1,1-Trichloroethane	ug/L	ND	ND		
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		
1,1,2-Trichloroethane	ug/L	ND	ND		
1,1-Dichloroethane	ug/L	ND	ND		
1,1-Dichloroethene	ug/L	ND	ND		
1,1-Dichloropropene	ug/L	ND	ND		
1,2,3-Trichlorobenzene	ug/L	ND	ND		
1,2,3-Trichloropropane	ug/L	ND	ND		
1,2,4-Trichlorobenzene	ug/L	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
1,2-Dichlorobenzene	ug/L	ND	ND		
1,2-Dichloroethane	ug/L	ND	ND		
1,2-Dichloropropane	ug/L	ND	ND		
1,3-Dichlorobenzene	ug/L	ND	ND		
1,3-Dichloropropane	ug/L	ND	ND		
1,4-Dichlorobenzene	ug/L	ND	ND		
2,2-Dichloropropane	ug/L	ND	ND		
2-Butanone (MEK)	ug/L	ND	ND		
2-Chlorotoluene	ug/L	ND	ND		
2-Hexanone	ug/L	ND	ND		
4-Chlorotoluene	ug/L	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		
Acetone	ug/L	ND	ND		
Benzene	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

SAMPLE DUPLICATE: 1361772

Parameter	Units	92230609008 Result	Dup Result	RPD	Qualifiers
Bromobenzene	ug/L	ND	ND		
Bromochloromethane	ug/L	ND	ND		
Bromodichloromethane	ug/L	ND	ND		
Bromoform	ug/L	ND	ND		
Bromomethane	ug/L	ND	ND		
Carbon tetrachloride	ug/L	ND	ND		
Chlorobenzene	ug/L	ND	ND		
Chloroethane	ug/L	ND	ND		
Chloroform	ug/L	ND	ND		
Chloromethane	ug/L	ND	ND		
cis-1,2-Dichloroethene	ug/L	3.0	3.0	0	
cis-1,3-Dichloropropene	ug/L	ND	ND		
Dibromochloromethane	ug/L	ND	ND		
Dibromomethane	ug/L	ND	ND		
Dichlorodifluoromethane	ug/L	ND	ND		
Diisopropyl ether	ug/L	ND	ND		
Ethylbenzene	ug/L	ND	ND		
Hexachloro-1,3-butadiene	ug/L	ND	ND		
m&p-Xylene	ug/L	ND	ND		
Methyl-tert-butyl ether	ug/L	ND	ND		
Methylene Chloride	ug/L	ND	ND		
Naphthalene	ug/L	ND	ND		
o-Xylene	ug/L	ND	ND		
p-Isopropyltoluene	ug/L	ND	ND		
Styrene	ug/L	ND	ND		
Tetrachloroethene	ug/L	ND	ND		
Toluene	ug/L	ND	ND		
trans-1,2-Dichloroethene	ug/L	ND	ND		
trans-1,3-Dichloropropene	ug/L	ND	ND		
Trichloroethene	ug/L	4.0	4.6	15	
Trichlorofluoromethane	ug/L	ND	ND		
Vinyl acetate	ug/L	ND	ND		
Vinyl chloride	ug/L	ND	ND		
Xylene (Total)	ug/L	ND	ND		
1,2-Dichloroethane-d4 (S)	%	106	106	0	
4-Bromofluorobenzene (S)	%	92	89	3	
Toluene-d8 (S)	%	99	98	0	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

QC Batch: OEXT/31932 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92230609001, 92230609002, 92230609003, 92230609004, 92230609005, 92230609006, 92230609007, 92230609008, 92230609009

METHOD BLANK: 1359641 Matrix: Water
Associated Lab Samples: 92230609001, 92230609002, 92230609003, 92230609004, 92230609005, 92230609006, 92230609007, 92230609008, 92230609009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	12/30/14 03:03	
4,4'-DDE	ug/L	ND	0.050	12/30/14 03:03	
4,4'-DDT	ug/L	ND	0.050	12/30/14 03:03	
Aldrin	ug/L	ND	0.050	12/30/14 03:03	
alpha-BHC	ug/L	ND	0.050	12/30/14 03:03	
beta-BHC	ug/L	ND	0.050	12/30/14 03:03	
Chlordane (Technical)	ug/L	ND	0.20	12/30/14 03:03	
delta-BHC	ug/L	ND	0.050	12/30/14 03:03	
Dieldrin	ug/L	ND	0.050	12/30/14 03:03	
Endosulfan I	ug/L	ND	0.050	12/30/14 03:03	
Endosulfan II	ug/L	ND	0.050	12/30/14 03:03	
Endosulfan sulfate	ug/L	ND	0.050	12/30/14 03:03	
Endrin	ug/L	ND	0.050	12/30/14 03:03	
Endrin aldehyde	ug/L	ND	0.050	12/30/14 03:03	
Endrin ketone	ug/L	ND	0.050	12/30/14 03:03	
gamma-BHC (Lindane)	ug/L	ND	0.050	12/30/14 03:03	
Heptachlor	ug/L	ND	0.050	12/30/14 03:03	
Heptachlor epoxide	ug/L	ND	0.050	12/30/14 03:03	
Hexachlorobenzene	ug/L	ND	0.050	12/30/14 03:03	
Methoxychlor	ug/L	ND	0.15	12/30/14 03:03	
Mirex	ug/L	ND	0.15	12/30/14 03:03	
Toxaphene	ug/L	ND	0.20	12/30/14 03:03	
Decachlorobiphenyl (S)	%	79	20-130	12/30/14 03:03	
Tetrachloro-m-xylene (S)	%	54	20-130	12/30/14 03:03	

LABORATORY CONTROL SAMPLE: 1359642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.21	85	20-150	
4,4'-DDE	ug/L	.25	0.19	78	20-150	
4,4'-DDT	ug/L	.25	0.21	86	20-150	
Aldrin	ug/L	.25	0.16	66	20-150	
alpha-BHC	ug/L	.25	0.20	82	20-150	
beta-BHC	ug/L	.25	0.24	95	20-150	
delta-BHC	ug/L	.25	0.24	96	20-150	
Dieldrin	ug/L	.25	0.20	81	20-150	
Endosulfan I	ug/L	.25	0.20	81	20-150	
Endosulfan II	ug/L	.25	0.22	89	20-150	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

LABORATORY CONTROL SAMPLE: 1359642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endosulfan sulfate	ug/L	.25	0.23	93	20-150	
Endrin	ug/L	.25	0.20	82	20-150	
Endrin aldehyde	ug/L	.25	0.20	80	20-150	
Endrin ketone	ug/L	.25	0.23	92	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.21	83	20-150	
Heptachlor	ug/L	.25	0.19	75	20-150	
Heptachlor epoxide	ug/L	.25	0.20	79	20-150	
Hexachlorobenzene	ug/L	.25	0.16	65	20-150	
Methoxychlor	ug/L	.74	0.64	87	20-150	
Mirex	ug/L	.74	0.65	88	20-150	
Decachlorobiphenyl (S)	%			74	20-130	
Tetrachloro-m-xylene (S)	%			83	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1359643 1359644

Parameter	Units	92230609006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4,4'-DDD	ug/L	0.54	.5	.5	0.81	0.95	53	82	20-150	16	
4,4'-DDE	ug/L	ND	.5	.5	1.1	1.1	231	217	20-150	6	M1
4,4'-DDT	ug/L	ND	.5	.5	0.73	0.70	147	141	20-150	4	
Aldrin	ug/L	ND	.5	.5	0.60	0.43	122	87	20-150	34	R1
alpha-BHC	ug/L	1.0	.5	.5	1.2	1.3	38	51	20-150	5	
beta-BHC	ug/L	0.52	.5	.5	0.78	0.62	52	21	20-150	22	
delta-BHC	ug/L	1.2	.5	.5	1.4	1.4	39	31	20-150	3	
Dieldrin	ug/L	0.72	.5	.5	1.4	1.4	144	138	20-150	2	
Endosulfan I	ug/L	ND	.5	.5	3.1	3.2	631	642	20-150	2	M1
Endosulfan II	ug/L	ND	.5	.5	2.5	2.5	514	515	20-150	0	M1
Endosulfan sulfate	ug/L	ND	.5	.5	0.67	0.60	135	121	20-150	11	
Endrin	ug/L	ND	.5	.5	0.91	0.82	185	165	20-150	11	M1
Endrin aldehyde	ug/L	ND	.5	.5	0.88	0.90	178	182	20-150	2	M1
Endrin ketone	ug/L	2.4	.5	.5	2.5	2.6	15	45	20-150	6	M1
gamma-BHC (Lindane)	ug/L	0.42	.5	.5	0.66	0.63	49	42	20-150	5	
Heptachlor	ug/L	ND	.5	.5	0.41	0.32	84	66	20-150	24	
Heptachlor epoxide	ug/L	ND	.5	.5	1.1	0.93	213	187	20-150	13	M1
Hexachlorobenzene	ug/L	ND	.5	.5	0.22	0.19	44	37	20-150	17	
Methoxychlor	ug/L	ND	1.5	1.5	1.6	1.5	109	101	20-150	7	
Mirex	ug/L	ND	1.5	1.5	1.3	1.4	90	94	20-150	4	
Decachlorobiphenyl (S)	%						61	121	20-130		
Tetrachloro-m-xylene (S)	%						54	102	20-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

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

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: LEGION INDUSTRIES 6121-090444
Pace Project No.: 92230609

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92230609001	**MW-9**	EPA 3510	OEXT/31932	EPA 8081	GCSV/19940
92230609002	**MW-6**	EPA 3510	OEXT/31932	EPA 8081	GCSV/19940
92230609003	**MW-5**	EPA 3510	OEXT/31932	EPA 8081	GCSV/19940
92230609004	**MW-7**	EPA 3510	OEXT/31932	EPA 8081	GCSV/19940
92230609005	**MW-10**	EPA 3510	OEXT/31932	EPA 8081	GCSV/19940
92230609006	**MW-11**	EPA 3510	OEXT/31932	EPA 8081	GCSV/19940
92230609007	**MW-19**	EPA 3510	OEXT/31932	EPA 8081	GCSV/19940
92230609008	**MW-14**	EPA 3510	OEXT/31932	EPA 8081	GCSV/19940
92230609009	**DUP-2**	EPA 3510	OEXT/31932	EPA 8081	GCSV/19940
92230609001	**MW-9**	EPA 8260	MSV/29859		
92230609002	**MW-6**	EPA 8260	MSV/29859		
92230609003	**MW-5**	EPA 8260	MSV/29859		
92230609004	**MW-7**	EPA 8260	MSV/29859		
92230609005	**MW-10**	EPA 8260	MSV/29859		
92230609006	**MW-11**	EPA 8260	MSV/29859		
92230609007	**MW-19**	EPA 8260	MSV/29872		
92230609008	**MW-14**	EPA 8260	MSV/29872		
92230609009	**DUP-2**	EPA 8260	MSV/29872		
92230609010	**TRIP BLANK**	EPA 8260	MSV/29872		

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Pace Analytical	Sample Condition Upon Receipt (SCUR)	Page 1 of 2
	Document Number: F-CHR-CS-003-rev.15	Issuing Authority: Pace Huntersville Quality Office

Client Name: AMEC

Courier: (Fed Ex) ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes (☐ no) Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble W☐p ☐ (Bubble Bags) ☐ None ☐ Other_____

Thermometer Used: IR Gun (T1401) Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor T1401 No Correction

Corrected Cooler Temp.: 0.5 °C Biological Tissue is Frozen: Yes No (N/A)

Date and Initials of person examining contents: DS 12/20/14

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix:_____		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	
Samples checked for dechlorination:	☑Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted:_____ Date/Time:_____

Comments/ Resolution:_____

SCURF Review: TMP Date: 122014

SRF Review: JY Date: 12/22/14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

WO# : 92230609

92230609

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

1783463

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: AMEC E&I	Report To: STEVE FOLEY	Attention:
Address: 2677 ENFORD HWY ATLANTA GA 30324	Copy To:	Company Name:
		Address:
Email To: STEVE.FOLEY@AMEC.COM	Purchase Order No.:	Pace Quote Reference:
Phone: 404-817-6152 Fax:	Project Name: LEGION INDUSTRIES	Pace Project Manager:
Requested Due Date/TAT: 1 WK	Project Number: 6121-090444	Pace Profile #: 10016-5

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER MS2A

Site Location STATE: GA

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ Y/N	VOCs 8260 B	1,2-DICHLOROETHANE	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-9	WT	G			12/18/14	0820		4	1			3						X	X		001
2	MW-6	"	"			"	0845		4	1			3						"	"		002
3	MW-5	"	"			"	1025		5	2			3						"	"		003
4	MW-7	"	"			"	1150		4	1			3						"	"		004
5	MW-10	"	"			"	1230		5	2			3						"	"		005
6	MW-11	"	"			"	1345		5	2			3						"	"		006
7	MW-19	"	"			"	1445		4	1			3						"	"		007
8	MW-14	"	"			"	1550		5	2			3						"	"		008
9	DUP-2	"	"			"			5	2			3						"	↓		009
10	TRIP BLANK	↓	↓			↓			2				2						↓			010
11																						
12																						

92230609

Pace Project No./ Lab I.D.

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	S R F AMEC	12/18/14	1355	B. Petit	12-19	1355				
				P. Sun/PACE	12/22	900	0.5	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: STEPHEN R FOLEY

SIGNATURE of SAMPLER: S R F DATE Signed (MM/DD/YY): 12/18/14

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 19, 2015

Steve Foley
Amec Foster Wheeler
396 Plasters Avenue
Atlanta, GA 30324

RE: Project: LEGION INDUSTRY
Pace Project No.: 92253199

Dear Steve Foley:
Enclosed are the analytical results for sample(s) received by the laboratory on June 05, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

Report revised 6/19/15 to include MDL and J-Flags.

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

Sincerely,

Kevin Godwin
kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Chuck Ferry, Amec Foster Wheeler

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CERTIFICATIONS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92253199001	**MW6**	Water	06/03/15 09:00	06/05/15 15:37
92253199002	**MW5**	Water	06/03/15 09:30	06/05/15 15:37
92253199003	**MW11**	Water	06/03/15 11:23	06/05/15 15:37
92253199004	**MW1**	Water	06/03/15 14:25	06/05/15 15:37
92253199005	**DUP #1**	Water	06/03/15 00:00	06/05/15 15:37
92253199006	**MW15**	Water	06/03/15 15:50	06/05/15 15:37
92253199007	**MW10**	Water	06/04/15 08:15	06/05/15 15:37
92253199008	**MW7**	Water	06/04/15 08:35	06/05/15 15:37
92253199009	**MW14**	Water	06/04/15 09:05	06/05/15 15:37
92253199010	**MW19**	Water	06/04/15 10:20	06/05/15 15:37
92253199011	**DUP #2**	Water	06/04/15 00:00	06/05/15 15:37
92253199012	**MW4**	Water	06/04/15 12:10	06/05/15 15:37
92253199013	**MW13**	Water	06/04/15 13:30	06/05/15 15:37
92253199014	**MW18**	Water	06/04/15 14:15	06/05/15 15:37
92253199015	**MW12**	Water	06/04/15 15:45	06/05/15 15:37
92253199016	**TRIP**	Water	06/03/15 00:00	06/05/15 15:37

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SAMPLE ANALYTE COUNT

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92253199001	**MW6**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199002	**MW5**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199003	**MW11**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199004	**MW1**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199005	**DUP #1**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199006	**MW15**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199007	**MW10**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199008	**MW7**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199009	**MW14**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199010	**MW19**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199011	**DUP #2**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199012	**MW4**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199013	**MW13**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199014	**MW18**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199015	**MW12**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253199016	**TRIP**	EPA 8260	SNP	63	PASI-C

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SUMMARY OF DETECTION

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92253199001	**MW6**					
EPA 8260	cis-1,2-Dichloroethene	0.29J	ug/L	1.0	06/10/15 19:15	
EPA 8260	Trichloroethene	1.0	ug/L	1.0	06/10/15 19:15	
92253199002	**MW5**					
EPA 8260	Trichloroethene	0.61J	ug/L	1.0	06/10/15 19:32	
92253199003	**MW11**					
EPA 8081	alpha-BHC	1.2	ug/L	0.50	06/15/15 12:24	
EPA 8081	gamma-BHC (Lindane)	0.56	ug/L	0.50	06/15/15 12:24	
EPA 8081	Endrin ketone	3.4	ug/L	0.50	06/15/15 12:24	
EPA 8260	Acetone	11.6J	ug/L	25.0	06/10/15 19:49	
EPA 8260	2-Butanone (MEK)	2.4J	ug/L	5.0	06/10/15 19:49	
EPA 8260	cis-1,2-Dichloroethene	2.3	ug/L	1.0	06/10/15 19:49	
EPA 8260	Naphthalene	2.3	ug/L	1.0	06/10/15 19:49	
EPA 8260	Trichloroethene	2.8	ug/L	1.0	06/10/15 19:49	
92253199004	**MW1**					
EPA 8081	beta-BHC	0.16	ug/L	0.050	06/12/15 19:45	
EPA 8081	Dieldrin	0.13	ug/L	0.050	06/12/15 19:45	
EPA 8081	Endrin ketone	0.25	ug/L	0.050	06/12/15 19:45	
EPA 8260	cis-1,2-Dichloroethene	742	ug/L	10.0	06/11/15 00:00	
EPA 8260	Trichloroethene	623	ug/L	10.0	06/11/15 00:00	
EPA 8260	Vinyl chloride	13.9	ug/L	10.0	06/11/15 00:00	
92253199005	**DUP #1**					
EPA 8081	beta-BHC	0.19	ug/L	0.050	06/12/15 20:03	
EPA 8081	Dieldrin	0.15	ug/L	0.050	06/12/15 20:03	
EPA 8081	Endrin ketone	0.30	ug/L	0.050	06/12/15 20:03	
EPA 8260	cis-1,2-Dichloroethene	724	ug/L	10.0	06/11/15 00:17	
EPA 8260	Trichloroethene	596	ug/L	10.0	06/11/15 00:17	
EPA 8260	Vinyl chloride	13.0	ug/L	10.0	06/11/15 00:17	
92253199006	**MW15**					
EPA 8260	Chloromethane	0.40J	ug/L	1.0	06/11/15 20:12	
EPA 8260	cis-1,2-Dichloroethene	50.9	ug/L	1.0	06/11/15 20:12	
EPA 8260	Trichloroethene	58.8	ug/L	1.0	06/11/15 20:12	
EPA 8260	Vinyl chloride	4.1	ug/L	1.0	06/11/15 20:12	
92253199007	**MW10**					
EPA 8260	Trichloroethene	0.48J	ug/L	1.0	06/10/15 20:22	
92253199008	**MW7**					
EPA 8260	Chloromethane	0.13J	ug/L	1.0	06/10/15 20:39	
EPA 8260	cis-1,2-Dichloroethene	3.9	ug/L	1.0	06/10/15 20:39	
EPA 8260	Trichloroethene	6.9	ug/L	1.0	06/10/15 20:39	
92253199009	**MW14**					
EPA 8260	cis-1,2-Dichloroethene	2.5	ug/L	1.0	06/10/15 20:56	
EPA 8260	Trichloroethene	1.1	ug/L	1.0	06/10/15 20:56	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92253199010	**MW19**					
EPA 8081	beta-BHC	1.4	ug/L	1.0	06/15/15 12:43	
EPA 8081	delta-BHC	1.0	ug/L	1.0	06/15/15 12:43	
EPA 8081	4,4'-DDD	1.5	ug/L	1.0	06/15/15 12:43	
EPA 8081	Dieldrin	7.9	ug/L	1.0	06/15/15 12:43	
EPA 8081	Endosulfan II	2.8	ug/L	1.0	06/15/15 12:43	
EPA 8081	Endrin	5.8	ug/L	1.0	06/15/15 12:43	
EPA 8081	Endrin ketone	6.2	ug/L	1.0	06/15/15 12:43	
EPA 8260	cis-1,2-Dichloroethene	125	ug/L	25.0	06/11/15 00:34	
EPA 8260	Ethylbenzene	16.0J	ug/L	25.0	06/11/15 00:34	
EPA 8260	Trichloroethene	15.9J	ug/L	25.0	06/11/15 00:34	
EPA 8260	Xylene (Total)	67.1	ug/L	50.0	06/11/15 00:34	
EPA 8260	m&p-Xylene	67.1	ug/L	50.0	06/11/15 00:34	
EPA 8260	o-Xylene	17.3J	ug/L	25.0	06/11/15 00:34	
92253199011	**DUP #2**					
EPA 8081	beta-BHC	1.5	ug/L	1.0	06/15/15 13:01	
EPA 8081	4,4'-DDD	2.1	ug/L	1.0	06/15/15 13:01	
EPA 8081	Dieldrin	7.0	ug/L	1.0	06/15/15 13:01	
EPA 8081	Endosulfan II	2.5	ug/L	1.0	06/15/15 13:01	
EPA 8081	Endrin	5.4	ug/L	1.0	06/15/15 13:01	
EPA 8081	Endrin ketone	5.6	ug/L	1.0	06/15/15 13:01	
EPA 8260	cis-1,2-Dichloroethene	116	ug/L	25.0	06/11/15 00:51	
EPA 8260	Ethylbenzene	14.4J	ug/L	25.0	06/11/15 00:51	
EPA 8260	Trichloroethene	13.6J	ug/L	25.0	06/11/15 00:51	
EPA 8260	Xylene (Total)	64.2	ug/L	50.0	06/11/15 00:51	
EPA 8260	m&p-Xylene	64.2	ug/L	50.0	06/11/15 00:51	
EPA 8260	o-Xylene	16.0J	ug/L	25.0	06/11/15 00:51	
92253199012	**MW4**					
EPA 8260	cis-1,2-Dichloroethene	3.5	ug/L	1.0	06/10/15 21:12	
EPA 8260	Trichloroethene	1.2	ug/L	1.0	06/10/15 21:12	
92253199013	**MW13**					
EPA 8081	beta-BHC	2.9	ug/L	1.0	06/15/15 13:20	
EPA 8081	delta-BHC	1.0	ug/L	1.0	06/15/15 13:20	
EPA 8081	4,4'-DDD	1.2	ug/L	1.0	06/15/15 13:20	
EPA 8081	4,4'-DDT	4.0	ug/L	1.0	06/15/15 13:20	
EPA 8081	Endrin	3.2	ug/L	1.0	06/15/15 13:20	
EPA 8081	Endrin aldehyde	1.3	ug/L	1.0	06/15/15 13:20	
EPA 8081	Endrin ketone	2.8	ug/L	1.0	06/15/15 13:20	
EPA 8260	Chlorobenzene	43.9J	ug/L	50.0	06/11/15 01:08	
EPA 8260	1,4-Dichlorobenzene	56.0	ug/L	50.0	06/11/15 01:08	
EPA 8260	cis-1,2-Dichloroethene	1030	ug/L	50.0	06/11/15 01:08	
EPA 8260	1,2,4-Trichlorobenzene	28.3J	ug/L	50.0	06/11/15 01:08	
EPA 8260	Trichloroethene	2580	ug/L	50.0	06/11/15 01:08	
EPA 8260	Vinyl chloride	576	ug/L	50.0	06/11/15 01:08	
92253199014	**MW18**					
EPA 8081	beta-BHC	0.14	ug/L	0.050	06/12/15 23:26	

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SUMMARY OF DETECTION

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92253199014	**MW18**					
EPA 8081	delta-BHC	0.16	ug/L	0.050	06/12/15 23:26	
EPA 8081	Chlordane (Technical)	0.23	ug/L	0.20	06/12/15 23:26	
EPA 8081	Endrin ketone	0.13	ug/L	0.050	06/12/15 23:26	
EPA 8081	Toxaphene	2.6	ug/L	0.20	06/12/15 23:26	
EPA 8260	cis-1,2-Dichloroethene	1660	ug/L	50.0	06/11/15 01:25	
EPA 8260	Trichloroethene	3010	ug/L	50.0	06/11/15 01:25	
EPA 8260	Vinyl chloride	680	ug/L	50.0	06/11/15 01:25	
92253199015	**MW12**					
EPA 8081	alpha-BHC	0.18	ug/L	0.050	06/13/15 01:17	
EPA 8081	delta-BHC	0.095	ug/L	0.050	06/13/15 01:17	
EPA 8081	gamma-BHC (Lindane)	0.44	ug/L	0.050	06/13/15 01:17	
EPA 8260	cis-1,2-Dichloroethene	2.6	ug/L	1.0	06/10/15 21:29	
EPA 8260	Naphthalene	0.42J	ug/L	1.0	06/10/15 21:29	
EPA 8260	Trichloroethene	17.4	ug/L	1.0	06/10/15 21:29	

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PROJECT NARRATIVE

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Method: **EPA 8081**
Description: 8081 Organochlorine Pesticides
Client: Amec Foster Wheeler, Georgia
Date: June 19, 2015

General Information:
15 samples were analyzed for EPA 8081. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/35670

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- DUP #2 (Lab ID: 92253199011)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)
- MW11 (Lab ID: 92253199003)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)
- MW13 (Lab ID: 92253199013)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)
- MW19 (Lab ID: 92253199010)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Method: **EPA 8081**
Description: 8081 Organochlorine Pesticides
Client: Amec Foster Wheeler, Georgia
Date: June 19, 2015

QC Batch: OEXT/35670

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92253199010

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1481161)
  - 4,4'-DDE
  - 4,4'-DDT
  - alpha-BHC
  - gamma-BHC (Lindane)
- MSD (Lab ID: 1481162)
  - 4,4'-DDE
  - 4,4'-DDT
  - alpha-BHC
  - gamma-BHC (Lindane)

M3: Matrix spike recovery was outside laboratory control limits due to matrix interferences.

- MS (Lab ID: 1481161)
  - 4,4'-DDD
  - Dieldrin
  - Endosulfan II
  - Endrin
  - Endrin aldehyde
  - Endrin ketone
  - Heptachlor epoxide
  - beta-BHC
- MSD (Lab ID: 1481162)
  - 4,4'-DDD
  - Dieldrin
  - Endosulfan II
  - Endrin
  - Endrin aldehyde
  - Endrin ketone
  - Heptachlor epoxide
  - beta-BHC

Additional Comments:

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PROJECT NARRATIVE

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: Amec Foster Wheeler, Georgia
Date: June 19, 2015

General Information:
16 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/32067

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 1480866)
  - 1,1-Dichloropropene
  - Bromoform
  - Dichlorodifluoromethane
  - Diisopropyl ether
  - Methylene Chloride

QC Batch: MSV/32068

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 1480922)
  - Bromomethane
  - Methylene Chloride

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: Amec Foster Wheeler, Georgia
Date: June 19, 2015

QC Batch: MSV/32067

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92253199001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1480867)
  - Hexachloro-1,3-butadiene

QC Batch: MSV/32068

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92253206008

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1480923)
  - Dichlorodifluoromethane
  - Hexachloro-1,3-butadiene

QC Batch: MSV/32099

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92253193007

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1482453)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- MSD (Lab ID: 1482454)
  - Bromomethane
  - Hexachloro-1,3-butadiene

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MSV/32067

C9: Common Laboratory Contaminant.

- BLANK (Lab ID: 1480865)
  - Methylene Chloride

QC Batch: MSV/32068

C9: Common Laboratory Contaminant.

- BLANK (Lab ID: 1480921)
  - Methylene Chloride

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW6 **Lab ID: 92253199001** Collected: 06/03/15 09:00 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	319-84-6	
beta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 18:50	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	7421-93-4	
Endrin ketone	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 18:50	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 18:50	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 18:50	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 18:50	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	34	%	20-130		1	06/10/15 17:00	06/12/15 18:50	877-09-8	
Decachlorobiphenyl (S)	66	%	20-130		1	06/10/15 17:00	06/12/15 18:50	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/10/15 19:15	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/10/15 19:15	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/10/15 19:15	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/10/15 19:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/10/15 19:15	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/10/15 19:15	75-25-2	L2
Bromomethane	ND	ug/L	2.0	0.29	1		06/10/15 19:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/10/15 19:15	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/10/15 19:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/10/15 19:15	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/10/15 19:15	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/10/15 19:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/10/15 19:15	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/10/15 19:15	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/10/15 19:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/10/15 19:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/10/15 19:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/10/15 19:15	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/10/15 19:15	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW6 **Lab ID: 92253199001** Collected: 06/03/15 09:00 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/10/15 19:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/10/15 19:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 19:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/10/15 19:15	75-71-8	L3
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/10/15 19:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/10/15 19:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/10/15 19:15	75-35-4	
cis-1,2-Dichloroethene	**0.29J**	ug/L	1.0	0.19	1		06/10/15 19:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/10/15 19:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/10/15 19:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/10/15 19:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/10/15 19:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/10/15 19:15	563-58-6	L3
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/10/15 19:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/10/15 19:15	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/10/15 19:15	108-20-3	L3
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/10/15 19:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/10/15 19:15	87-68-3	M1
2-Hexanone	ND	ug/L	5.0	0.46	1		06/10/15 19:15	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/10/15 19:15	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/10/15 19:15	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/10/15 19:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/10/15 19:15	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/10/15 19:15	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/10/15 19:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/10/15 19:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/10/15 19:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/10/15 19:15	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/10/15 19:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 19:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/10/15 19:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/10/15 19:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/10/15 19:15	79-00-5	
Trichloroethene	**1.0**	ug/L	1.0	0.47	1		06/10/15 19:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/10/15 19:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/10/15 19:15	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/10/15 19:15	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/10/15 19:15	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/10/15 19:15	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/10/15 19:15	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/10/15 19:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		06/10/15 19:15	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		06/10/15 19:15	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		06/10/15 19:15	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW5 **Lab ID: 92253199002** Collected: 06/03/15 09:30 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	319-84-6	
beta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 19:08	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	7421-93-4	
Endrin ketone	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:08	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 19:08	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 19:08	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 19:08	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	58	%	20-130		1	06/10/15 17:00	06/12/15 19:08	877-09-8	
Decachlorobiphenyl (S)	71	%	20-130		1	06/10/15 17:00	06/12/15 19:08	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/10/15 19:32	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/10/15 19:32	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/10/15 19:32	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/10/15 19:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/10/15 19:32	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/10/15 19:32	75-25-2	L2
Bromomethane	ND	ug/L	2.0	0.29	1		06/10/15 19:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/10/15 19:32	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/10/15 19:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/10/15 19:32	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/10/15 19:32	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/10/15 19:32	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/10/15 19:32	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/10/15 19:32	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/10/15 19:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/10/15 19:32	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/10/15 19:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/10/15 19:32	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/10/15 19:32	74-95-3	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW5 **Lab ID: 92253199002** Collected: 06/03/15 09:30 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/10/15 19:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/10/15 19:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 19:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/10/15 19:32	75-71-8	L3
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/10/15 19:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/10/15 19:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/10/15 19:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/10/15 19:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/10/15 19:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/10/15 19:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/10/15 19:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/10/15 19:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/10/15 19:32	563-58-6	L3
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/10/15 19:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/10/15 19:32	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/10/15 19:32	108-20-3	L3
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/10/15 19:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/10/15 19:32	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/10/15 19:32	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/10/15 19:32	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/10/15 19:32	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/10/15 19:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/10/15 19:32	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/10/15 19:32	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/10/15 19:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/10/15 19:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/10/15 19:32	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/10/15 19:32	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/10/15 19:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 19:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/10/15 19:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/10/15 19:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/10/15 19:32	79-00-5	
Trichloroethene	**0.61J**	ug/L	1.0	0.47	1		06/10/15 19:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/10/15 19:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/10/15 19:32	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/10/15 19:32	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/10/15 19:32	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/10/15 19:32	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/10/15 19:32	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/10/15 19:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		06/10/15 19:32	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		06/10/15 19:32	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		06/10/15 19:32	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW11 **Lab ID: 92253199003** Collected: 06/03/15 11:23 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	309-00-2	
alpha-BHC	**1.2**	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	319-84-6	
beta-BHC	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	319-85-7	
delta-BHC	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	319-86-8	
gamma-BHC (Lindane)	**0.56**	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	58-89-9	
Chlordane (Technical)	ND	ug/L	2.0	2.0	10	06/10/15 17:00	06/15/15 12:24	57-74-9	
4,4'-DDD	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	72-54-8	
4,4'-DDE	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	72-55-9	
4,4'-DDT	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	50-29-3	
Dieldrin	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	60-57-1	
Endosulfan I	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	959-98-8	
Endosulfan II	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	1031-07-8	
Endrin	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	72-20-8	
Endrin aldehyde	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	7421-93-4	
Endrin ketone	**3.4**	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	53494-70-5	
Heptachlor	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	76-44-8	
Heptachlor epoxide	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.50	0.50	10	06/10/15 17:00	06/15/15 12:24	118-74-1	
Methoxychlor	ND	ug/L	1.5	1.5	10	06/10/15 17:00	06/15/15 12:24	72-43-5	
Mirex	ND	ug/L	1.5	1.5	10	06/10/15 17:00	06/15/15 12:24	2385-85-5	
Toxaphene	ND	ug/L	2.0	2.0	10	06/10/15 17:00	06/15/15 12:24	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	0	%	20-130		10	06/10/15 17:00	06/15/15 12:24	877-09-8	S4
Decachlorobiphenyl (S)	0	%	20-130		10	06/10/15 17:00	06/15/15 12:24	2051-24-3	S4
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**11.6J**	ug/L	25.0	10.0	1		06/10/15 19:49	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/10/15 19:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/10/15 19:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/10/15 19:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/10/15 19:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/10/15 19:49	75-25-2	L2
Bromomethane	ND	ug/L	2.0	0.29	1		06/10/15 19:49	74-83-9	
2-Butanone (MEK)	**2.4J**	ug/L	5.0	0.96	1		06/10/15 19:49	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/10/15 19:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/10/15 19:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/10/15 19:49	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/10/15 19:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/10/15 19:49	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/10/15 19:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/10/15 19:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/10/15 19:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/10/15 19:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/10/15 19:49	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/10/15 19:49	74-95-3	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW11 **Lab ID: 92253199003** Collected: 06/03/15 11:23 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/10/15 19:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/10/15 19:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 19:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/10/15 19:49	75-71-8	L3
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/10/15 19:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/10/15 19:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/10/15 19:49	75-35-4	
cis-1,2-Dichloroethene	**2.3**	ug/L	1.0	0.19	1		06/10/15 19:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/10/15 19:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/10/15 19:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/10/15 19:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/10/15 19:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/10/15 19:49	563-58-6	L3
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/10/15 19:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/10/15 19:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/10/15 19:49	108-20-3	L3
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/10/15 19:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/10/15 19:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/10/15 19:49	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/10/15 19:49	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/10/15 19:49	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/10/15 19:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/10/15 19:49	1634-04-4	
Naphthalene	**2.3**	ug/L	1.0	0.24	1		06/10/15 19:49	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/10/15 19:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/10/15 19:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/10/15 19:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/10/15 19:49	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/10/15 19:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 19:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/10/15 19:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/10/15 19:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/10/15 19:49	79-00-5	
Trichloroethene	**2.8**	ug/L	1.0	0.47	1		06/10/15 19:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/10/15 19:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/10/15 19:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/10/15 19:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/10/15 19:49	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/10/15 19:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/10/15 19:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/10/15 19:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		06/10/15 19:49	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		06/10/15 19:49	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		06/10/15 19:49	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW1 **Lab ID: 92253199004** Collected: 06/03/15 14:25 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	319-84-6	
beta-BHC	**0.16**	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 19:45	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	50-29-3	
Dieldrin	**0.13**	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	7421-93-4	
Endrin ketone	**0.25**	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 19:45	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 19:45	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 19:45	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 19:45	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	63	%	20-130		1	06/10/15 17:00	06/12/15 19:45	877-09-8	
Decachlorobiphenyl (S)	81	%	20-130		1	06/10/15 17:00	06/12/15 19:45	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	250	100	10		06/11/15 00:00	67-64-1	
Benzene	ND	ug/L	10.0	2.5	10		06/11/15 00:00	71-43-2	
Bromobenzene	ND	ug/L	10.0	3.0	10		06/11/15 00:00	108-86-1	
Bromochloromethane	ND	ug/L	10.0	1.7	10		06/11/15 00:00	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1.8	10		06/11/15 00:00	75-27-4	
Bromoform	ND	ug/L	10.0	2.6	10		06/11/15 00:00	75-25-2	
Bromomethane	ND	ug/L	20.0	2.9	10		06/11/15 00:00	74-83-9	L3
2-Butanone (MEK)	ND	ug/L	50.0	9.6	10		06/11/15 00:00	78-93-3	
Carbon tetrachloride	ND	ug/L	10.0	2.5	10		06/11/15 00:00	56-23-5	
Chlorobenzene	ND	ug/L	10.0	2.3	10		06/11/15 00:00	108-90-7	
Chloroethane	ND	ug/L	10.0	5.4	10		06/11/15 00:00	75-00-3	
Chloroform	ND	ug/L	10.0	1.4	10		06/11/15 00:00	67-66-3	
Chloromethane	ND	ug/L	10.0	1.1	10		06/11/15 00:00	74-87-3	
2-Chlorotoluene	ND	ug/L	10.0	3.5	10		06/11/15 00:00	95-49-8	
4-Chlorotoluene	ND	ug/L	10.0	3.1	10		06/11/15 00:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	20.0	10		06/11/15 00:00	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	2.1	10		06/11/15 00:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	10.0	2.7	10		06/11/15 00:00	106-93-4	
Dibromomethane	ND	ug/L	10.0	2.1	10		06/11/15 00:00	74-95-3	

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(704)875-9092

ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW1 **Lab ID: 92253199004** Collected: 06/03/15 14:25 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	10.0	3.0	10		06/11/15 00:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	2.4	10		06/11/15 00:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	3.3	10		06/11/15 00:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	10.0	2.1	10		06/11/15 00:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	10.0	3.2	10		06/11/15 00:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	10.0	1.2	10		06/11/15 00:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	10.0	5.6	10		06/11/15 00:00	75-35-4	
cis-1,2-Dichloroethene	**742**	ug/L	10.0	1.9	10		06/11/15 00:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	10.0	4.9	10		06/11/15 00:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	10.0	2.7	10		06/11/15 00:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	10.0	2.8	10		06/11/15 00:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	10.0	1.3	10		06/11/15 00:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	10.0	4.9	10		06/11/15 00:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	10.0	1.3	10		06/11/15 00:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	10.0	2.6	10		06/11/15 00:00	10061-02-6	
Diisopropyl ether	ND	ug/L	10.0	1.2	10		06/11/15 00:00	108-20-3	
Ethylbenzene	ND	ug/L	10.0	3.0	10		06/11/15 00:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	7.1	10		06/11/15 00:00	87-68-3	
2-Hexanone	ND	ug/L	50.0	4.6	10		06/11/15 00:00	591-78-6	
p-Isopropyltoluene	ND	ug/L	10.0	3.1	10		06/11/15 00:00	99-87-6	
Methylene Chloride	ND	ug/L	20.0	9.7	10		06/11/15 00:00	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	3.3	10		06/11/15 00:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	10.0	2.1	10		06/11/15 00:00	1634-04-4	
Naphthalene	ND	ug/L	10.0	2.4	10		06/11/15 00:00	91-20-3	
Styrene	ND	ug/L	10.0	2.6	10		06/11/15 00:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	10.0	3.3	10		06/11/15 00:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	10.0	4.0	10		06/11/15 00:00	79-34-5	
Tetrachloroethene	ND	ug/L	10.0	4.6	10		06/11/15 00:00	127-18-4	
Toluene	ND	ug/L	10.0	2.6	10		06/11/15 00:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	3.3	10		06/11/15 00:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	3.5	10		06/11/15 00:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	10.0	4.8	10		06/11/15 00:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	10.0	2.9	10		06/11/15 00:00	79-00-5	
Trichloroethene	**623**	ug/L	10.0	4.7	10		06/11/15 00:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	2.0	10		06/11/15 00:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	4.1	10		06/11/15 00:00	96-18-4	
Vinyl acetate	ND	ug/L	20.0	3.5	10		06/11/15 00:00	108-05-4	
Vinyl chloride	**13.9**	ug/L	10.0	6.2	10		06/11/15 00:00	75-01-4	
Xylene (Total)	ND	ug/L	20.0	6.6	10		06/11/15 00:00	1330-20-7	
m&p-Xylene	ND	ug/L	20.0	6.6	10		06/11/15 00:00	179601-23-1	
o-Xylene	ND	ug/L	10.0	2.3	10		06/11/15 00:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		10		06/11/15 00:00	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		10		06/11/15 00:00	17060-07-0	
Toluene-d8 (S)	100	%	70-130		10		06/11/15 00:00	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: DUP #1 **Lab ID: 92253199005** Collected: 06/03/15 00:00 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	319-84-6	
beta-BHC	**0.19**	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 20:03	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	50-29-3	
Dieldrin	**0.15**	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	7421-93-4	
Endrin ketone	**0.30**	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:03	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 20:03	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 20:03	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 20:03	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	46	%	20-130		1	06/10/15 17:00	06/12/15 20:03	877-09-8	
Decachlorobiphenyl (S)	87	%	20-130		1	06/10/15 17:00	06/12/15 20:03	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	250	100	10		06/11/15 00:17	67-64-1	
Benzene	ND	ug/L	10.0	2.5	10		06/11/15 00:17	71-43-2	
Bromobenzene	ND	ug/L	10.0	3.0	10		06/11/15 00:17	108-86-1	
Bromochloromethane	ND	ug/L	10.0	1.7	10		06/11/15 00:17	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1.8	10		06/11/15 00:17	75-27-4	
Bromoform	ND	ug/L	10.0	2.6	10		06/11/15 00:17	75-25-2	
Bromomethane	ND	ug/L	20.0	2.9	10		06/11/15 00:17	74-83-9	L3
2-Butanone (MEK)	ND	ug/L	50.0	9.6	10		06/11/15 00:17	78-93-3	
Carbon tetrachloride	ND	ug/L	10.0	2.5	10		06/11/15 00:17	56-23-5	
Chlorobenzene	ND	ug/L	10.0	2.3	10		06/11/15 00:17	108-90-7	
Chloroethane	ND	ug/L	10.0	5.4	10		06/11/15 00:17	75-00-3	
Chloroform	ND	ug/L	10.0	1.4	10		06/11/15 00:17	67-66-3	
Chloromethane	ND	ug/L	10.0	1.1	10		06/11/15 00:17	74-87-3	
2-Chlorotoluene	ND	ug/L	10.0	3.5	10		06/11/15 00:17	95-49-8	
4-Chlorotoluene	ND	ug/L	10.0	3.1	10		06/11/15 00:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	20.0	10		06/11/15 00:17	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	2.1	10		06/11/15 00:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	10.0	2.7	10		06/11/15 00:17	106-93-4	
Dibromomethane	ND	ug/L	10.0	2.1	10		06/11/15 00:17	74-95-3	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: DUP #1 **Lab ID: 92253199005** Collected: 06/03/15 00:00 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	10.0	3.0	10		06/11/15 00:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	2.4	10		06/11/15 00:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	3.3	10		06/11/15 00:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	10.0	2.1	10		06/11/15 00:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	10.0	3.2	10		06/11/15 00:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	10.0	1.2	10		06/11/15 00:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	10.0	5.6	10		06/11/15 00:17	75-35-4	
cis-1,2-Dichloroethene	**724**	ug/L	10.0	1.9	10		06/11/15 00:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	10.0	4.9	10		06/11/15 00:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	10.0	2.7	10		06/11/15 00:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	10.0	2.8	10		06/11/15 00:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	10.0	1.3	10		06/11/15 00:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	10.0	4.9	10		06/11/15 00:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	10.0	1.3	10		06/11/15 00:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	10.0	2.6	10		06/11/15 00:17	10061-02-6	
Diisopropyl ether	ND	ug/L	10.0	1.2	10		06/11/15 00:17	108-20-3	
Ethylbenzene	ND	ug/L	10.0	3.0	10		06/11/15 00:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	7.1	10		06/11/15 00:17	87-68-3	
2-Hexanone	ND	ug/L	50.0	4.6	10		06/11/15 00:17	591-78-6	
p-Isopropyltoluene	ND	ug/L	10.0	3.1	10		06/11/15 00:17	99-87-6	
Methylene Chloride	ND	ug/L	20.0	9.7	10		06/11/15 00:17	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	3.3	10		06/11/15 00:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	10.0	2.1	10		06/11/15 00:17	1634-04-4	
Naphthalene	ND	ug/L	10.0	2.4	10		06/11/15 00:17	91-20-3	
Styrene	ND	ug/L	10.0	2.6	10		06/11/15 00:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	10.0	3.3	10		06/11/15 00:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	10.0	4.0	10		06/11/15 00:17	79-34-5	
Tetrachloroethene	ND	ug/L	10.0	4.6	10		06/11/15 00:17	127-18-4	
Toluene	ND	ug/L	10.0	2.6	10		06/11/15 00:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	3.3	10		06/11/15 00:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	3.5	10		06/11/15 00:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	10.0	4.8	10		06/11/15 00:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	10.0	2.9	10		06/11/15 00:17	79-00-5	
Trichloroethene	**596**	ug/L	10.0	4.7	10		06/11/15 00:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	2.0	10		06/11/15 00:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	4.1	10		06/11/15 00:17	96-18-4	
Vinyl acetate	ND	ug/L	20.0	3.5	10		06/11/15 00:17	108-05-4	
Vinyl chloride	**13.0**	ug/L	10.0	6.2	10		06/11/15 00:17	75-01-4	
Xylene (Total)	ND	ug/L	20.0	6.6	10		06/11/15 00:17	1330-20-7	
m&p-Xylene	ND	ug/L	20.0	6.6	10		06/11/15 00:17	179601-23-1	
o-Xylene	ND	ug/L	10.0	2.3	10		06/11/15 00:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		10		06/11/15 00:17	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		10		06/11/15 00:17	17060-07-0	
Toluene-d8 (S)	99	%	70-130		10		06/11/15 00:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW15 **Lab ID: 92253199006** Collected: 06/03/15 15:50 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	319-84-6	
beta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 20:22	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	7421-93-4	
Endrin ketone	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:22	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 20:22	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 20:22	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 20:22	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	81	%	20-130		1	06/10/15 17:00	06/12/15 20:22	877-09-8	
Decachlorobiphenyl (S)	90	%	20-130		1	06/10/15 17:00	06/12/15 20:22	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/11/15 20:12	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/11/15 20:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/11/15 20:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/11/15 20:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/11/15 20:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/11/15 20:12	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/11/15 20:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/11/15 20:12	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/11/15 20:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/11/15 20:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/11/15 20:12	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/11/15 20:12	67-66-3	
Chloromethane	**0.40J**	ug/L	1.0	0.11	1		06/11/15 20:12	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/11/15 20:12	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/11/15 20:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/11/15 20:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/11/15 20:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/11/15 20:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/11/15 20:12	74-95-3	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW15 **Lab ID: 92253199006** Collected: 06/03/15 15:50 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/11/15 20:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/11/15 20:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/11/15 20:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/11/15 20:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/11/15 20:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/11/15 20:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/11/15 20:12	75-35-4	
cis-1,2-Dichloroethene	**50.9**	ug/L	1.0	0.19	1		06/11/15 20:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/11/15 20:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/11/15 20:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/11/15 20:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/11/15 20:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/11/15 20:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/11/15 20:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/11/15 20:12	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/11/15 20:12	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/11/15 20:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/11/15 20:12	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/11/15 20:12	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/11/15 20:12	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/11/15 20:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/11/15 20:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/11/15 20:12	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/11/15 20:12	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/11/15 20:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/11/15 20:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/11/15 20:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/11/15 20:12	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/11/15 20:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/11/15 20:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/11/15 20:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/11/15 20:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/11/15 20:12	79-00-5	
Trichloroethene	**58.8**	ug/L	1.0	0.47	1		06/11/15 20:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/11/15 20:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/11/15 20:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/11/15 20:12	108-05-4	
Vinyl chloride	**4.1**	ug/L	1.0	0.62	1		06/11/15 20:12	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/11/15 20:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/11/15 20:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/11/15 20:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/11/15 20:12	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		06/11/15 20:12	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		06/11/15 20:12	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW10 **Lab ID: 92253199007** Collected: 06/04/15 08:15 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	319-84-6	
beta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 20:40	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	7421-93-4	
Endrin ketone	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:40	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 20:40	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 20:40	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 20:40	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	82	%	20-130		1	06/10/15 17:00	06/12/15 20:40	877-09-8	
Decachlorobiphenyl (S)	88	%	20-130		1	06/10/15 17:00	06/12/15 20:40	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/10/15 20:22	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/10/15 20:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/10/15 20:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/10/15 20:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/10/15 20:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/10/15 20:22	75-25-2	L2
Bromomethane	ND	ug/L	2.0	0.29	1		06/10/15 20:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/10/15 20:22	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/10/15 20:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/10/15 20:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/10/15 20:22	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/10/15 20:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/10/15 20:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/10/15 20:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/10/15 20:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/10/15 20:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/10/15 20:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/10/15 20:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/10/15 20:22	74-95-3	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW10 **Lab ID: 92253199007** Collected: 06/04/15 08:15 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/10/15 20:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/10/15 20:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 20:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/10/15 20:22	75-71-8	L3
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/10/15 20:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/10/15 20:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/10/15 20:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/10/15 20:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/10/15 20:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/10/15 20:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/10/15 20:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/10/15 20:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/10/15 20:22	563-58-6	L3
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/10/15 20:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/10/15 20:22	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/10/15 20:22	108-20-3	L3
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/10/15 20:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/10/15 20:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/10/15 20:22	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/10/15 20:22	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/10/15 20:22	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/10/15 20:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/10/15 20:22	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/10/15 20:22	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/10/15 20:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/10/15 20:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/10/15 20:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/10/15 20:22	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/10/15 20:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 20:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/10/15 20:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/10/15 20:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/10/15 20:22	79-00-5	
Trichloroethene	**0.48J**	ug/L	1.0	0.47	1		06/10/15 20:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/10/15 20:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/10/15 20:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/10/15 20:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/10/15 20:22	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/10/15 20:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/10/15 20:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/10/15 20:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		06/10/15 20:22	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		06/10/15 20:22	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		06/10/15 20:22	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW7 **Lab ID: 92253199008** Collected: 06/04/15 08:35 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	319-84-6	
beta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 20:59	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	7421-93-4	
Endrin ketone	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 20:59	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 20:59	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 20:59	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 20:59	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	74	%	20-130		1	06/10/15 17:00	06/12/15 20:59	877-09-8	
Decachlorobiphenyl (S)	89	%	20-130		1	06/10/15 17:00	06/12/15 20:59	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/10/15 20:39	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/10/15 20:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/10/15 20:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/10/15 20:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/10/15 20:39	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/10/15 20:39	75-25-2	L2
Bromomethane	ND	ug/L	2.0	0.29	1		06/10/15 20:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/10/15 20:39	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/10/15 20:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/10/15 20:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/10/15 20:39	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/10/15 20:39	67-66-3	
Chloromethane	**0.13J**	ug/L	1.0	0.11	1		06/10/15 20:39	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/10/15 20:39	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/10/15 20:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/10/15 20:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/10/15 20:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/10/15 20:39	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/10/15 20:39	74-95-3	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW7 **Lab ID: 92253199008** Collected: 06/04/15 08:35 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/10/15 20:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/10/15 20:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 20:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/10/15 20:39	75-71-8	L3
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/10/15 20:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/10/15 20:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/10/15 20:39	75-35-4	
cis-1,2-Dichloroethene	**3.9**	ug/L	1.0	0.19	1		06/10/15 20:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/10/15 20:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/10/15 20:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/10/15 20:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/10/15 20:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/10/15 20:39	563-58-6	L3
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/10/15 20:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/10/15 20:39	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/10/15 20:39	108-20-3	L3
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/10/15 20:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/10/15 20:39	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/10/15 20:39	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/10/15 20:39	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/10/15 20:39	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/10/15 20:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/10/15 20:39	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/10/15 20:39	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/10/15 20:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/10/15 20:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/10/15 20:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/10/15 20:39	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/10/15 20:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 20:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/10/15 20:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/10/15 20:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/10/15 20:39	79-00-5	
Trichloroethene	**6.9**	ug/L	1.0	0.47	1		06/10/15 20:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/10/15 20:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/10/15 20:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/10/15 20:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/10/15 20:39	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/10/15 20:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/10/15 20:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/10/15 20:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		06/10/15 20:39	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		06/10/15 20:39	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		06/10/15 20:39	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW14 **Lab ID: 92253199009** Collected: 06/04/15 09:05 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	319-84-6	
beta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 21:17	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	7421-93-4	
Endrin ketone	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 21:17	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 21:17	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 21:17	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 21:17	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	76	%	20-130		1	06/10/15 17:00	06/12/15 21:17	877-09-8	
Decachlorobiphenyl (S)	72	%	20-130		1	06/10/15 17:00	06/12/15 21:17	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/10/15 20:56	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/10/15 20:56	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/10/15 20:56	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/10/15 20:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/10/15 20:56	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/10/15 20:56	75-25-2	L2
Bromomethane	ND	ug/L	2.0	0.29	1		06/10/15 20:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/10/15 20:56	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/10/15 20:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/10/15 20:56	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/10/15 20:56	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/10/15 20:56	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/10/15 20:56	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/10/15 20:56	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/10/15 20:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/10/15 20:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/10/15 20:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/10/15 20:56	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/10/15 20:56	74-95-3	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW14 **Lab ID: 92253199009** Collected: 06/04/15 09:05 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/10/15 20:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/10/15 20:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 20:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/10/15 20:56	75-71-8	L3
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/10/15 20:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/10/15 20:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/10/15 20:56	75-35-4	
cis-1,2-Dichloroethene	**2.5**	ug/L	1.0	0.19	1		06/10/15 20:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/10/15 20:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/10/15 20:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/10/15 20:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/10/15 20:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/10/15 20:56	563-58-6	L3
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/10/15 20:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/10/15 20:56	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/10/15 20:56	108-20-3	L3
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/10/15 20:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/10/15 20:56	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/10/15 20:56	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/10/15 20:56	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/10/15 20:56	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/10/15 20:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/10/15 20:56	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/10/15 20:56	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/10/15 20:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/10/15 20:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/10/15 20:56	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/10/15 20:56	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/10/15 20:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 20:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/10/15 20:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/10/15 20:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/10/15 20:56	79-00-5	
Trichloroethene	**1.1**	ug/L	1.0	0.47	1		06/10/15 20:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/10/15 20:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/10/15 20:56	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/10/15 20:56	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/10/15 20:56	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/10/15 20:56	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/10/15 20:56	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/10/15 20:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/10/15 20:56	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		06/10/15 20:56	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		06/10/15 20:56	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW19 **Lab ID: 92253199010** Collected: 06/04/15 10:20 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	309-00-2	
alpha-BHC	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	319-84-6	M1
beta-BHC	**1.4**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	319-85-7	
delta-BHC	**1.0**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	58-89-9	M1
Chlordane (Technical)	ND	ug/L	4.0	4.0	20	06/10/15 17:00	06/15/15 12:43	57-74-9	
4,4'-DDD	**1.5**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	72-54-8	
4,4'-DDE	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	72-55-9	M1
4,4'-DDT	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	50-29-3	M1
Dieldrin	**7.9**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	60-57-1	
Endosulfan I	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	959-98-8	
Endosulfan II	**2.8**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	33213-65-9	
Endosulfan sulfate	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	1031-07-8	
Endrin	**5.8**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	72-20-8	
Endrin aldehyde	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	7421-93-4	
Endrin ketone	**6.2**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	53494-70-5	
Heptachlor	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	76-44-8	
Heptachlor epoxide	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	1024-57-3	
Hexachlorobenzene	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 12:43	118-74-1	
Methoxychlor	ND	ug/L	3.0	3.0	20	06/10/15 17:00	06/15/15 12:43	72-43-5	
Mirex	ND	ug/L	3.0	3.0	20	06/10/15 17:00	06/15/15 12:43	2385-85-5	
Toxaphene	ND	ug/L	4.0	4.0	20	06/10/15 17:00	06/15/15 12:43	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	0	%	20-130		20	06/10/15 17:00	06/15/15 12:43	877-09-8	S4
Decachlorobiphenyl (S)	0	%	20-130		20	06/10/15 17:00	06/15/15 12:43	2051-24-3	S4
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	625	250	25		06/11/15 00:34	67-64-1	
Benzene	ND	ug/L	25.0	6.2	25		06/11/15 00:34	71-43-2	
Bromobenzene	ND	ug/L	25.0	7.5	25		06/11/15 00:34	108-86-1	
Bromochloromethane	ND	ug/L	25.0	4.2	25		06/11/15 00:34	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	4.5	25		06/11/15 00:34	75-27-4	
Bromoform	ND	ug/L	25.0	6.5	25		06/11/15 00:34	75-25-2	
Bromomethane	ND	ug/L	50.0	7.2	25		06/11/15 00:34	74-83-9	L3
2-Butanone (MEK)	ND	ug/L	125	24.0	25		06/11/15 00:34	78-93-3	
Carbon tetrachloride	ND	ug/L	25.0	6.2	25		06/11/15 00:34	56-23-5	
Chlorobenzene	ND	ug/L	25.0	5.8	25		06/11/15 00:34	108-90-7	
Chloroethane	ND	ug/L	25.0	13.5	25		06/11/15 00:34	75-00-3	
Chloroform	ND	ug/L	25.0	3.5	25		06/11/15 00:34	67-66-3	
Chloromethane	ND	ug/L	25.0	2.8	25		06/11/15 00:34	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	8.8	25		06/11/15 00:34	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	7.8	25		06/11/15 00:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	50.0	25		06/11/15 00:34	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	5.2	25		06/11/15 00:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	6.8	25		06/11/15 00:34	106-93-4	
Dibromomethane	ND	ug/L	25.0	5.2	25		06/11/15 00:34	74-95-3	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW19 **Lab ID: 92253199010** Collected: 06/04/15 10:20 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	25.0	7.5	25		06/11/15 00:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	6.0	25		06/11/15 00:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	8.2	25		06/11/15 00:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	5.2	25		06/11/15 00:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	8.0	25		06/11/15 00:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	3.0	25		06/11/15 00:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	14.0	25		06/11/15 00:34	75-35-4	
cis-1,2-Dichloroethene	**125**	ug/L	25.0	4.8	25		06/11/15 00:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	12.2	25		06/11/15 00:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	6.8	25		06/11/15 00:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	25.0	7.0	25		06/11/15 00:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	25.0	3.2	25		06/11/15 00:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	12.2	25		06/11/15 00:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	25.0	3.2	25		06/11/15 00:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	6.5	25		06/11/15 00:34	10061-02-6	
Diisopropyl ether	ND	ug/L	25.0	3.0	25		06/11/15 00:34	108-20-3	
Ethylbenzene	**16.0J**	ug/L	25.0	7.5	25		06/11/15 00:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	25.0	17.8	25		06/11/15 00:34	87-68-3	
2-Hexanone	ND	ug/L	125	11.5	25		06/11/15 00:34	591-78-6	
p-Isopropyltoluene	ND	ug/L	25.0	7.8	25		06/11/15 00:34	99-87-6	
Methylene Chloride	ND	ug/L	50.0	24.2	25		06/11/15 00:34	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	8.2	25		06/11/15 00:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	25.0	5.2	25		06/11/15 00:34	1634-04-4	
Naphthalene	ND	ug/L	25.0	6.0	25		06/11/15 00:34	91-20-3	
Styrene	ND	ug/L	25.0	6.5	25		06/11/15 00:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	8.2	25		06/11/15 00:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	10.0	25		06/11/15 00:34	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	11.5	25		06/11/15 00:34	127-18-4	
Toluene	ND	ug/L	25.0	6.5	25		06/11/15 00:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	25.0	8.2	25		06/11/15 00:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	8.8	25		06/11/15 00:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	12.0	25		06/11/15 00:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	7.2	25		06/11/15 00:34	79-00-5	
Trichloroethene	**15.9J**	ug/L	25.0	11.8	25		06/11/15 00:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	5.0	25		06/11/15 00:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	10.2	25		06/11/15 00:34	96-18-4	
Vinyl acetate	ND	ug/L	50.0	8.8	25		06/11/15 00:34	108-05-4	
Vinyl chloride	ND	ug/L	25.0	15.5	25		06/11/15 00:34	75-01-4	
Xylene (Total)	**67.1**	ug/L	50.0	16.5	25		06/11/15 00:34	1330-20-7	
m&p-Xylene	**67.1**	ug/L	50.0	16.5	25		06/11/15 00:34	179601-23-1	
o-Xylene	**17.3J**	ug/L	25.0	5.8	25		06/11/15 00:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		25		06/11/15 00:34	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		25		06/11/15 00:34	17060-07-0	
Toluene-d8 (S)	97	%	70-130		25		06/11/15 00:34	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: DUP #2 **Lab ID: 92253199011** Collected: 06/04/15 00:00 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	309-00-2	
alpha-BHC	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	319-84-6	
beta-BHC	**1.5**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	319-85-7	
delta-BHC	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	58-89-9	
Chlordane (Technical)	ND	ug/L	4.0	4.0	20	06/10/15 17:00	06/15/15 13:01	57-74-9	
4,4'-DDD	**2.1**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	72-54-8	
4,4'-DDE	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	72-55-9	
4,4'-DDT	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	50-29-3	
Dieldrin	**7.0**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	60-57-1	
Endosulfan I	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	959-98-8	
Endosulfan II	**2.5**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	33213-65-9	
Endosulfan sulfate	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	1031-07-8	
Endrin	**5.4**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	72-20-8	
Endrin aldehyde	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	7421-93-4	
Endrin ketone	**5.6**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	53494-70-5	
Heptachlor	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	76-44-8	
Heptachlor epoxide	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	1024-57-3	
Hexachlorobenzene	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:01	118-74-1	
Methoxychlor	ND	ug/L	3.0	3.0	20	06/10/15 17:00	06/15/15 13:01	72-43-5	
Mirex	ND	ug/L	3.0	3.0	20	06/10/15 17:00	06/15/15 13:01	2385-85-5	
Toxaphene	ND	ug/L	4.0	4.0	20	06/10/15 17:00	06/15/15 13:01	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	0	%	20-130		20	06/10/15 17:00	06/15/15 13:01	877-09-8	S4
Decachlorobiphenyl (S)	0	%	20-130		20	06/10/15 17:00	06/15/15 13:01	2051-24-3	S4
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	625	250	25		06/11/15 00:51	67-64-1	
Benzene	ND	ug/L	25.0	6.2	25		06/11/15 00:51	71-43-2	
Bromobenzene	ND	ug/L	25.0	7.5	25		06/11/15 00:51	108-86-1	
Bromochloromethane	ND	ug/L	25.0	4.2	25		06/11/15 00:51	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	4.5	25		06/11/15 00:51	75-27-4	
Bromoform	ND	ug/L	25.0	6.5	25		06/11/15 00:51	75-25-2	
Bromomethane	ND	ug/L	50.0	7.2	25		06/11/15 00:51	74-83-9	L3
2-Butanone (MEK)	ND	ug/L	125	24.0	25		06/11/15 00:51	78-93-3	
Carbon tetrachloride	ND	ug/L	25.0	6.2	25		06/11/15 00:51	56-23-5	
Chlorobenzene	ND	ug/L	25.0	5.8	25		06/11/15 00:51	108-90-7	
Chloroethane	ND	ug/L	25.0	13.5	25		06/11/15 00:51	75-00-3	
Chloroform	ND	ug/L	25.0	3.5	25		06/11/15 00:51	67-66-3	
Chloromethane	ND	ug/L	25.0	2.8	25		06/11/15 00:51	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	8.8	25		06/11/15 00:51	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	7.8	25		06/11/15 00:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	50.0	25		06/11/15 00:51	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	5.2	25		06/11/15 00:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	25.0	6.8	25		06/11/15 00:51	106-93-4	
Dibromomethane	ND	ug/L	25.0	5.2	25		06/11/15 00:51	74-95-3	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: DUP #2 **Lab ID: 92253199011** Collected: 06/04/15 00:00 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	25.0	7.5	25		06/11/15 00:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	6.0	25		06/11/15 00:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	8.2	25		06/11/15 00:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	5.2	25		06/11/15 00:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	8.0	25		06/11/15 00:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	3.0	25		06/11/15 00:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	14.0	25		06/11/15 00:51	75-35-4	
cis-1,2-Dichloroethene	**116**	ug/L	25.0	4.8	25		06/11/15 00:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	12.2	25		06/11/15 00:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	6.8	25		06/11/15 00:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	25.0	7.0	25		06/11/15 00:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	25.0	3.2	25		06/11/15 00:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	12.2	25		06/11/15 00:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	25.0	3.2	25		06/11/15 00:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	6.5	25		06/11/15 00:51	10061-02-6	
Diisopropyl ether	ND	ug/L	25.0	3.0	25		06/11/15 00:51	108-20-3	
Ethylbenzene	**14.4J**	ug/L	25.0	7.5	25		06/11/15 00:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	25.0	17.8	25		06/11/15 00:51	87-68-3	
2-Hexanone	ND	ug/L	125	11.5	25		06/11/15 00:51	591-78-6	
p-Isopropyltoluene	ND	ug/L	25.0	7.8	25		06/11/15 00:51	99-87-6	
Methylene Chloride	ND	ug/L	50.0	24.2	25		06/11/15 00:51	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	8.2	25		06/11/15 00:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	25.0	5.2	25		06/11/15 00:51	1634-04-4	
Naphthalene	ND	ug/L	25.0	6.0	25		06/11/15 00:51	91-20-3	
Styrene	ND	ug/L	25.0	6.5	25		06/11/15 00:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	8.2	25		06/11/15 00:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	10.0	25		06/11/15 00:51	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	11.5	25		06/11/15 00:51	127-18-4	
Toluene	ND	ug/L	25.0	6.5	25		06/11/15 00:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	25.0	8.2	25		06/11/15 00:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	8.8	25		06/11/15 00:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	12.0	25		06/11/15 00:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	7.2	25		06/11/15 00:51	79-00-5	
Trichloroethene	**13.6J**	ug/L	25.0	11.8	25		06/11/15 00:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	5.0	25		06/11/15 00:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	10.2	25		06/11/15 00:51	96-18-4	
Vinyl acetate	ND	ug/L	50.0	8.8	25		06/11/15 00:51	108-05-4	
Vinyl chloride	ND	ug/L	25.0	15.5	25		06/11/15 00:51	75-01-4	
Xylene (Total)	**64.2**	ug/L	50.0	16.5	25		06/11/15 00:51	1330-20-7	
m&p-Xylene	**64.2**	ug/L	50.0	16.5	25		06/11/15 00:51	179601-23-1	
o-Xylene	**16.0J**	ug/L	25.0	5.8	25		06/11/15 00:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		25		06/11/15 00:51	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		25		06/11/15 00:51	17060-07-0	
Toluene-d8 (S)	100	%	70-130		25		06/11/15 00:51	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW4 **Lab ID: 92253199012** Collected: 06/04/15 12:10 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	319-84-6	
beta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	319-85-7	
delta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 22:49	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	7421-93-4	
Endrin ketone	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 22:49	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 22:49	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 22:49	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 22:49	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	42	%	20-130		1	06/10/15 17:00	06/12/15 22:49	877-09-8	
Decachlorobiphenyl (S)	74	%	20-130		1	06/10/15 17:00	06/12/15 22:49	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/10/15 21:12	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/10/15 21:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/10/15 21:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/10/15 21:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/10/15 21:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/10/15 21:12	75-25-2	L2
Bromomethane	ND	ug/L	2.0	0.29	1		06/10/15 21:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/10/15 21:12	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/10/15 21:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/10/15 21:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/10/15 21:12	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/10/15 21:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/10/15 21:12	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/10/15 21:12	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/10/15 21:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/10/15 21:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/10/15 21:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/10/15 21:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/10/15 21:12	74-95-3	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW4 **Lab ID: 92253199012** Collected: 06/04/15 12:10 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/10/15 21:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/10/15 21:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 21:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/10/15 21:12	75-71-8	L3
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/10/15 21:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/10/15 21:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/10/15 21:12	75-35-4	
cis-1,2-Dichloroethene	**3.5**	ug/L	1.0	0.19	1		06/10/15 21:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/10/15 21:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/10/15 21:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/10/15 21:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/10/15 21:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/10/15 21:12	563-58-6	L3
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/10/15 21:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/10/15 21:12	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/10/15 21:12	108-20-3	L3
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/10/15 21:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/10/15 21:12	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/10/15 21:12	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/10/15 21:12	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/10/15 21:12	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/10/15 21:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/10/15 21:12	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/10/15 21:12	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/10/15 21:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/10/15 21:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/10/15 21:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/10/15 21:12	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/10/15 21:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 21:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/10/15 21:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/10/15 21:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/10/15 21:12	79-00-5	
Trichloroethene	**1.2**	ug/L	1.0	0.47	1		06/10/15 21:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/10/15 21:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/10/15 21:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/10/15 21:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/10/15 21:12	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/10/15 21:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/10/15 21:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/10/15 21:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/10/15 21:12	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		06/10/15 21:12	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		06/10/15 21:12	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW13 **Lab ID: 92253199013** Collected: 06/04/15 13:30 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	309-00-2	
alpha-BHC	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	319-84-6	
beta-BHC	**2.9**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	319-85-7	
delta-BHC	**1.0**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	58-89-9	
Chlordane (Technical)	ND	ug/L	4.0	4.0	20	06/10/15 17:00	06/15/15 13:20	57-74-9	
4,4'-DDD	**1.2**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	72-54-8	
4,4'-DDE	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	72-55-9	
4,4'-DDT	**4.0**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	50-29-3	
Dieldrin	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	60-57-1	
Endosulfan I	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	959-98-8	
Endosulfan II	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	33213-65-9	
Endosulfan sulfate	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	1031-07-8	
Endrin	**3.2**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	72-20-8	
Endrin aldehyde	**1.3**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	7421-93-4	
Endrin ketone	**2.8**	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	53494-70-5	
Heptachlor	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	76-44-8	
Heptachlor epoxide	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	1024-57-3	
Hexachlorobenzene	ND	ug/L	1.0	1.0	20	06/10/15 17:00	06/15/15 13:20	118-74-1	
Methoxychlor	ND	ug/L	3.0	3.0	20	06/10/15 17:00	06/15/15 13:20	72-43-5	
Mirex	ND	ug/L	3.0	3.0	20	06/10/15 17:00	06/15/15 13:20	2385-85-5	
Toxaphene	ND	ug/L	4.0	4.0	20	06/10/15 17:00	06/15/15 13:20	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	0	%	20-130		20	06/10/15 17:00	06/15/15 13:20	877-09-8	S4
Decachlorobiphenyl (S)	0	%	20-130		20	06/10/15 17:00	06/15/15 13:20	2051-24-3	S4
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	1250	500	50		06/11/15 01:08	67-64-1	
Benzene	ND	ug/L	50.0	12.5	50		06/11/15 01:08	71-43-2	
Bromobenzene	ND	ug/L	50.0	15.0	50		06/11/15 01:08	108-86-1	
Bromochloromethane	ND	ug/L	50.0	8.5	50		06/11/15 01:08	74-97-5	
Bromodichloromethane	ND	ug/L	50.0	9.0	50		06/11/15 01:08	75-27-4	
Bromoform	ND	ug/L	50.0	13.0	50		06/11/15 01:08	75-25-2	
Bromomethane	ND	ug/L	100	14.5	50		06/11/15 01:08	74-83-9	L3
2-Butanone (MEK)	ND	ug/L	250	48.0	50		06/11/15 01:08	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	12.5	50		06/11/15 01:08	56-23-5	
Chlorobenzene	**43.9J**	ug/L	50.0	11.5	50		06/11/15 01:08	108-90-7	
Chloroethane	ND	ug/L	50.0	27.0	50		06/11/15 01:08	75-00-3	
Chloroform	ND	ug/L	50.0	7.0	50		06/11/15 01:08	67-66-3	
Chloromethane	ND	ug/L	50.0	5.5	50		06/11/15 01:08	74-87-3	
2-Chlorotoluene	ND	ug/L	50.0	17.5	50		06/11/15 01:08	95-49-8	
4-Chlorotoluene	ND	ug/L	50.0	15.5	50		06/11/15 01:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	100	100	50		06/11/15 01:08	96-12-8	
Dibromochloromethane	ND	ug/L	50.0	10.5	50		06/11/15 01:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	50.0	13.5	50		06/11/15 01:08	106-93-4	
Dibromomethane	ND	ug/L	50.0	10.5	50		06/11/15 01:08	74-95-3	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW13 **Lab ID: 92253199013** Collected: 06/04/15 13:30 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	50.0	15.0	50		06/11/15 01:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	50.0	12.0	50		06/11/15 01:08	541-73-1	
1,4-Dichlorobenzene	**56.0**	ug/L	50.0	16.5	50		06/11/15 01:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	50.0	10.5	50		06/11/15 01:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	50.0	16.0	50		06/11/15 01:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	50.0	6.0	50		06/11/15 01:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	28.0	50		06/11/15 01:08	75-35-4	
cis-1,2-Dichloroethene	**1030**	ug/L	50.0	9.5	50		06/11/15 01:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	50.0	24.5	50		06/11/15 01:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	50.0	13.5	50		06/11/15 01:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	50.0	14.0	50		06/11/15 01:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	50.0	6.5	50		06/11/15 01:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	50.0	24.5	50		06/11/15 01:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	50.0	6.5	50		06/11/15 01:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	50.0	13.0	50		06/11/15 01:08	10061-02-6	
Diisopropyl ether	ND	ug/L	50.0	6.0	50		06/11/15 01:08	108-20-3	
Ethylbenzene	ND	ug/L	50.0	15.0	50		06/11/15 01:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	35.5	50		06/11/15 01:08	87-68-3	
2-Hexanone	ND	ug/L	250	23.0	50		06/11/15 01:08	591-78-6	
p-Isopropyltoluene	ND	ug/L	50.0	15.5	50		06/11/15 01:08	99-87-6	
Methylene Chloride	ND	ug/L	100	48.5	50		06/11/15 01:08	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	250	16.5	50		06/11/15 01:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	50.0	10.5	50		06/11/15 01:08	1634-04-4	
Naphthalene	ND	ug/L	50.0	12.0	50		06/11/15 01:08	91-20-3	
Styrene	ND	ug/L	50.0	13.0	50		06/11/15 01:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	50.0	16.5	50		06/11/15 01:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	50.0	20.0	50		06/11/15 01:08	79-34-5	
Tetrachloroethene	ND	ug/L	50.0	23.0	50		06/11/15 01:08	127-18-4	
Toluene	ND	ug/L	50.0	13.0	50		06/11/15 01:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	50.0	16.5	50		06/11/15 01:08	87-61-6	
1,2,4-Trichlorobenzene	**28.3J**	ug/L	50.0	17.5	50		06/11/15 01:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	50.0	24.0	50		06/11/15 01:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	50.0	14.5	50		06/11/15 01:08	79-00-5	
Trichloroethene	**2580**	ug/L	50.0	23.5	50		06/11/15 01:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	50.0	10.0	50		06/11/15 01:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	50.0	20.5	50		06/11/15 01:08	96-18-4	
Vinyl acetate	ND	ug/L	100	17.5	50		06/11/15 01:08	108-05-4	
Vinyl chloride	**576**	ug/L	50.0	31.0	50		06/11/15 01:08	75-01-4	
Xylene (Total)	ND	ug/L	100	33.0	50		06/11/15 01:08	1330-20-7	
m&p-Xylene	ND	ug/L	100	33.0	50		06/11/15 01:08	179601-23-1	
o-Xylene	ND	ug/L	50.0	11.5	50		06/11/15 01:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		50		06/11/15 01:08	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		50		06/11/15 01:08	17060-07-0	
Toluene-d8 (S)	99	%	70-130		50		06/11/15 01:08	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW18 **Lab ID: 92253199014** Collected: 06/04/15 14:15 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	309-00-2	
alpha-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	319-84-6	
beta-BHC	**0.14**	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	319-85-7	
delta-BHC	**0.16**	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	58-89-9	
Chlordane (Technical)	**0.23**	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 23:26	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	7421-93-4	
Endrin ketone	**0.13**	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/12/15 23:26	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 23:26	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/12/15 23:26	2385-85-5	
Toxaphene	**2.6**	ug/L	0.20	0.20	1	06/10/15 17:00	06/12/15 23:26	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	28	%	20-130		1	06/10/15 17:00	06/12/15 23:26	877-09-8	
Decachlorobiphenyl (S)	57	%	20-130		1	06/10/15 17:00	06/12/15 23:26	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	1250	500	50		06/11/15 01:25	67-64-1	
Benzene	ND	ug/L	50.0	12.5	50		06/11/15 01:25	71-43-2	
Bromobenzene	ND	ug/L	50.0	15.0	50		06/11/15 01:25	108-86-1	
Bromochloromethane	ND	ug/L	50.0	8.5	50		06/11/15 01:25	74-97-5	
Bromodichloromethane	ND	ug/L	50.0	9.0	50		06/11/15 01:25	75-27-4	
Bromoform	ND	ug/L	50.0	13.0	50		06/11/15 01:25	75-25-2	
Bromomethane	ND	ug/L	100	14.5	50		06/11/15 01:25	74-83-9	L3
2-Butanone (MEK)	ND	ug/L	250	48.0	50		06/11/15 01:25	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	12.5	50		06/11/15 01:25	56-23-5	
Chlorobenzene	ND	ug/L	50.0	11.5	50		06/11/15 01:25	108-90-7	
Chloroethane	ND	ug/L	50.0	27.0	50		06/11/15 01:25	75-00-3	
Chloroform	ND	ug/L	50.0	7.0	50		06/11/15 01:25	67-66-3	
Chloromethane	ND	ug/L	50.0	5.5	50		06/11/15 01:25	74-87-3	
2-Chlorotoluene	ND	ug/L	50.0	17.5	50		06/11/15 01:25	95-49-8	
4-Chlorotoluene	ND	ug/L	50.0	15.5	50		06/11/15 01:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	100	100	50		06/11/15 01:25	96-12-8	
Dibromochloromethane	ND	ug/L	50.0	10.5	50		06/11/15 01:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	50.0	13.5	50		06/11/15 01:25	106-93-4	
Dibromomethane	ND	ug/L	50.0	10.5	50		06/11/15 01:25	74-95-3	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW18 **Lab ID: 92253199014** Collected: 06/04/15 14:15 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	50.0	15.0	50		06/11/15 01:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	50.0	12.0	50		06/11/15 01:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	50.0	16.5	50		06/11/15 01:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	50.0	10.5	50		06/11/15 01:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	50.0	16.0	50		06/11/15 01:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	50.0	6.0	50		06/11/15 01:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	28.0	50		06/11/15 01:25	75-35-4	
cis-1,2-Dichloroethene	**1660**	ug/L	50.0	9.5	50		06/11/15 01:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	50.0	24.5	50		06/11/15 01:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	50.0	13.5	50		06/11/15 01:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	50.0	14.0	50		06/11/15 01:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	50.0	6.5	50		06/11/15 01:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	50.0	24.5	50		06/11/15 01:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	50.0	6.5	50		06/11/15 01:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	50.0	13.0	50		06/11/15 01:25	10061-02-6	
Diisopropyl ether	ND	ug/L	50.0	6.0	50		06/11/15 01:25	108-20-3	
Ethylbenzene	ND	ug/L	50.0	15.0	50		06/11/15 01:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	35.5	50		06/11/15 01:25	87-68-3	
2-Hexanone	ND	ug/L	250	23.0	50		06/11/15 01:25	591-78-6	
p-Isopropyltoluene	ND	ug/L	50.0	15.5	50		06/11/15 01:25	99-87-6	
Methylene Chloride	ND	ug/L	100	48.5	50		06/11/15 01:25	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	250	16.5	50		06/11/15 01:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	50.0	10.5	50		06/11/15 01:25	1634-04-4	
Naphthalene	ND	ug/L	50.0	12.0	50		06/11/15 01:25	91-20-3	
Styrene	ND	ug/L	50.0	13.0	50		06/11/15 01:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	50.0	16.5	50		06/11/15 01:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	50.0	20.0	50		06/11/15 01:25	79-34-5	
Tetrachloroethene	ND	ug/L	50.0	23.0	50		06/11/15 01:25	127-18-4	
Toluene	ND	ug/L	50.0	13.0	50		06/11/15 01:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	50.0	16.5	50		06/11/15 01:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	50.0	17.5	50		06/11/15 01:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	50.0	24.0	50		06/11/15 01:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	50.0	14.5	50		06/11/15 01:25	79-00-5	
Trichloroethene	**3010**	ug/L	50.0	23.5	50		06/11/15 01:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	50.0	10.0	50		06/11/15 01:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	50.0	20.5	50		06/11/15 01:25	96-18-4	
Vinyl acetate	ND	ug/L	100	17.5	50		06/11/15 01:25	108-05-4	
Vinyl chloride	**680**	ug/L	50.0	31.0	50		06/11/15 01:25	75-01-4	
Xylene (Total)	ND	ug/L	100	33.0	50		06/11/15 01:25	1330-20-7	
m&p-Xylene	ND	ug/L	100	33.0	50		06/11/15 01:25	179601-23-1	
o-Xylene	ND	ug/L	50.0	11.5	50		06/11/15 01:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		50		06/11/15 01:25	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		50		06/11/15 01:25	17060-07-0	
Toluene-d8 (S)	98	%	70-130		50		06/11/15 01:25	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW12 **Lab ID: 92253199015** Collected: 06/04/15 15:45 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	309-00-2	
alpha-BHC	**0.18**	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	319-84-6	
beta-BHC	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	319-85-7	
delta-BHC	**0.095**	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	319-86-8	
gamma-BHC (Lindane)	**0.44**	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/13/15 01:17	57-74-9	
4,4'-DDD	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	72-54-8	
4,4'-DDE	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	72-55-9	
4,4'-DDT	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	50-29-3	
Dieldrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	60-57-1	
Endosulfan I	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	959-98-8	
Endosulfan II	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	1031-07-8	
Endrin	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	7421-93-4	
Endrin ketone	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	53494-70-5	
Heptachlor	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	0.050	1	06/10/15 17:00	06/13/15 01:17	118-74-1	
Methoxychlor	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/13/15 01:17	72-43-5	
Mirex	ND	ug/L	0.15	0.15	1	06/10/15 17:00	06/13/15 01:17	2385-85-5	
Toxaphene	ND	ug/L	0.20	0.20	1	06/10/15 17:00	06/13/15 01:17	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	100	%	20-130		1	06/10/15 17:00	06/13/15 01:17	877-09-8	
Decachlorobiphenyl (S)	104	%	20-130		1	06/10/15 17:00	06/13/15 01:17	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/10/15 21:29	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/10/15 21:29	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/10/15 21:29	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/10/15 21:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/10/15 21:29	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/10/15 21:29	75-25-2	L2
Bromomethane	ND	ug/L	2.0	0.29	1		06/10/15 21:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/10/15 21:29	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/10/15 21:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/10/15 21:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/10/15 21:29	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/10/15 21:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/10/15 21:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/10/15 21:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/10/15 21:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/10/15 21:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/10/15 21:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/10/15 21:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/10/15 21:29	74-95-3	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: MW12 **Lab ID: 92253199015** Collected: 06/04/15 15:45 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/10/15 21:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/10/15 21:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 21:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/10/15 21:29	75-71-8	L3
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/10/15 21:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/10/15 21:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/10/15 21:29	75-35-4	
cis-1,2-Dichloroethene	**2.6**	ug/L	1.0	0.19	1		06/10/15 21:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/10/15 21:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/10/15 21:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/10/15 21:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/10/15 21:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/10/15 21:29	563-58-6	L3
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/10/15 21:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/10/15 21:29	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/10/15 21:29	108-20-3	L3
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/10/15 21:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/10/15 21:29	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/10/15 21:29	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/10/15 21:29	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/10/15 21:29	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/10/15 21:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/10/15 21:29	1634-04-4	
Naphthalene	**0.42J**	ug/L	1.0	0.24	1		06/10/15 21:29	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/10/15 21:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/10/15 21:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/10/15 21:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/10/15 21:29	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/10/15 21:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 21:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/10/15 21:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/10/15 21:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/10/15 21:29	79-00-5	
Trichloroethene	**17.4**	ug/L	1.0	0.47	1		06/10/15 21:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/10/15 21:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/10/15 21:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/10/15 21:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/10/15 21:29	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/10/15 21:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/10/15 21:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/10/15 21:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/10/15 21:29	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		06/10/15 21:29	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		06/10/15 21:29	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: TRIP **Lab ID: 92253199016** Collected: 06/03/15 00:00 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/10/15 17:01	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/10/15 17:01	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/10/15 17:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/10/15 17:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/10/15 17:01	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/10/15 17:01	75-25-2	L2
Bromomethane	ND	ug/L	2.0	0.29	1		06/10/15 17:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/10/15 17:01	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/10/15 17:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/10/15 17:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/10/15 17:01	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/10/15 17:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/10/15 17:01	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/10/15 17:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/10/15 17:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	2.0	1		06/10/15 17:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/10/15 17:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/10/15 17:01	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/10/15 17:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/10/15 17:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/10/15 17:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 17:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/10/15 17:01	75-71-8	L3
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/10/15 17:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/10/15 17:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/10/15 17:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/10/15 17:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/10/15 17:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/10/15 17:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/10/15 17:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/10/15 17:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/10/15 17:01	563-58-6	L3
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/10/15 17:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/10/15 17:01	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/10/15 17:01	108-20-3	L3
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/10/15 17:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/10/15 17:01	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/10/15 17:01	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/10/15 17:01	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/10/15 17:01	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/10/15 17:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/10/15 17:01	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/10/15 17:01	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		06/10/15 17:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/10/15 17:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/10/15 17:01	79-34-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Sample: TRIP **Lab ID: 92253199016** Collected: 06/03/15 00:00 Received: 06/05/15 15:37 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/10/15 17:01	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/10/15 17:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/10/15 17:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/10/15 17:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/10/15 17:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/10/15 17:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/10/15 17:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/10/15 17:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/10/15 17:01	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/10/15 17:01	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/10/15 17:01	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/10/15 17:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/10/15 17:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/10/15 17:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/10/15 17:01	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		06/10/15 17:01	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		06/10/15 17:01	2037-26-5	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

QC Batch: MSV/32067 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92253199001, 92253199002, 92253199003, 92253199007, 92253199008, 92253199009, 92253199012, 92253199015, 92253199016

METHOD BLANK: 1480865 Matrix: Water
Associated Lab Samples: 92253199001, 92253199002, 92253199003, 92253199007, 92253199008, 92253199009, 92253199012, 92253199015, 92253199016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/10/15 15:03	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/10/15 15:03	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/10/15 15:03	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/10/15 15:03	
1,1-Dichloroethane	ug/L	ND	1.0	06/10/15 15:03	
1,1-Dichloroethene	ug/L	ND	1.0	06/10/15 15:03	
1,1-Dichloropropene	ug/L	ND	1.0	06/10/15 15:03	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/10/15 15:03	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/10/15 15:03	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/10/15 15:03	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	06/10/15 15:03	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/10/15 15:03	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/10/15 15:03	
1,2-Dichloroethane	ug/L	ND	1.0	06/10/15 15:03	
1,2-Dichloropropane	ug/L	ND	1.0	06/10/15 15:03	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/10/15 15:03	
1,3-Dichloropropane	ug/L	ND	1.0	06/10/15 15:03	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/10/15 15:03	
2,2-Dichloropropane	ug/L	ND	1.0	06/10/15 15:03	
2-Butanone (MEK)	ug/L	ND	5.0	06/10/15 15:03	
2-Chlorotoluene	ug/L	ND	1.0	06/10/15 15:03	
2-Hexanone	ug/L	ND	5.0	06/10/15 15:03	
4-Chlorotoluene	ug/L	ND	1.0	06/10/15 15:03	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/10/15 15:03	
Acetone	ug/L	ND	25.0	06/10/15 15:03	
Benzene	ug/L	ND	1.0	06/10/15 15:03	
Bromobenzene	ug/L	ND	1.0	06/10/15 15:03	
Bromochloromethane	ug/L	ND	1.0	06/10/15 15:03	
Bromodichloromethane	ug/L	ND	1.0	06/10/15 15:03	
Bromoform	ug/L	ND	1.0	06/10/15 15:03	
Bromomethane	ug/L	ND	2.0	06/10/15 15:03	
Carbon tetrachloride	ug/L	ND	1.0	06/10/15 15:03	
Chlorobenzene	ug/L	ND	1.0	06/10/15 15:03	
Chloroethane	ug/L	ND	1.0	06/10/15 15:03	
Chloroform	ug/L	ND	1.0	06/10/15 15:03	
Chloromethane	ug/L	ND	1.0	06/10/15 15:03	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/10/15 15:03	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/10/15 15:03	
Dibromochloromethane	ug/L	ND	1.0	06/10/15 15:03	
Dibromomethane	ug/L	ND	1.0	06/10/15 15:03	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

METHOD BLANK: 1480865 Matrix: Water

Associated Lab Samples: 92253199001, 92253199002, 92253199003, 92253199007, 92253199008, 92253199009, 92253199012, 92253199015, 92253199016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	06/10/15 15:03	
Diisopropyl ether	ug/L	ND	1.0	06/10/15 15:03	
Ethylbenzene	ug/L	ND	1.0	06/10/15 15:03	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/10/15 15:03	
m&p-Xylene	ug/L	ND	2.0	06/10/15 15:03	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/10/15 15:03	
Methylene Chloride	ug/L	3.5	2.0	06/10/15 15:03	C9
Naphthalene	ug/L	ND	1.0	06/10/15 15:03	
o-Xylene	ug/L	ND	1.0	06/10/15 15:03	
p-Isopropyltoluene	ug/L	ND	1.0	06/10/15 15:03	
Styrene	ug/L	ND	1.0	06/10/15 15:03	
Tetrachloroethene	ug/L	ND	1.0	06/10/15 15:03	
Toluene	ug/L	ND	1.0	06/10/15 15:03	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/10/15 15:03	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/10/15 15:03	
Trichloroethene	ug/L	ND	1.0	06/10/15 15:03	
Trichlorofluoromethane	ug/L	ND	1.0	06/10/15 15:03	
Vinyl acetate	ug/L	ND	2.0	06/10/15 15:03	
Vinyl chloride	ug/L	ND	1.0	06/10/15 15:03	
Xylene (Total)	ug/L	ND	2.0	06/10/15 15:03	
1,2-Dichloroethane-d4 (S)	%	105	70-130	06/10/15 15:03	
4-Bromofluorobenzene (S)	%	99	70-130	06/10/15 15:03	
Toluene-d8 (S)	%	106	70-130	06/10/15 15:03	

LABORATORY CONTROL SAMPLE: 1480866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.9	98	70-130	
1,1,1-Trichloroethane	ug/L	50	59.8	120	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.7	103	70-130	
1,1,2-Trichloroethane	ug/L	50	58.8	118	70-130	
1,1-Dichloroethane	ug/L	50	62.4	125	70-130	
1,1-Dichloroethene	ug/L	50	63.0	126	70-132	
1,1-Dichloropropene	ug/L	50	69.0	138	70-130	L0
1,2,3-Trichlorobenzene	ug/L	50	49.0	98	70-135	
1,2,3-Trichloropropane	ug/L	50	51.3	103	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.7	105	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	48.6	97	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.7	105	70-130	
1,2-Dichlorobenzene	ug/L	50	55.3	111	70-130	
1,2-Dichloroethane	ug/L	50	63.0	126	70-130	
1,2-Dichloropropane	ug/L	50	57.6	115	70-130	
1,3-Dichlorobenzene	ug/L	50	52.7	105	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

LABORATORY CONTROL SAMPLE: 1480866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichloropropane	ug/L	50	54.0	108	70-130	
1,4-Dichlorobenzene	ug/L	50	52.8	106	70-130	
2,2-Dichloropropane	ug/L	50	62.9	126	58-145	
2-Butanone (MEK)	ug/L	100	132	132	70-145	
2-Chlorotoluene	ug/L	50	53.0	106	70-130	
2-Hexanone	ug/L	100	113	113	70-144	
4-Chlorotoluene	ug/L	50	53.2	106	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	122	122	70-140	
Acetone	ug/L	100	136	136	50-175	
Benzene	ug/L	50	58.6	117	70-130	
Bromobenzene	ug/L	50	52.5	105	70-130	
Bromochloromethane	ug/L	50	64.4	129	70-130	
Bromodichloromethane	ug/L	50	49.7	99	70-130	
Bromoform	ug/L	50	34.2	68	70-130	L0
Bromomethane	ug/L	50	64.8	130	54-130	
Carbon tetrachloride	ug/L	50	52.2	104	70-132	
Chlorobenzene	ug/L	50	53.5	107	70-130	
Chloroethane	ug/L	50	59.6	119	64-134	
Chloroform	ug/L	50	57.9	116	70-130	
Chloromethane	ug/L	50	62.2	124	64-130	
cis-1,2-Dichloroethene	ug/L	50	64.0	128	70-131	
cis-1,3-Dichloropropene	ug/L	50	57.6	115	70-130	
Dibromochloromethane	ug/L	50	44.2	88	70-130	
Dibromomethane	ug/L	50	57.1	114	70-131	
Dichlorodifluoromethane	ug/L	50	68.2	136	56-130	L0
Diisopropyl ether	ug/L	50	66.8	134	70-130	L0
Ethylbenzene	ug/L	50	51.8	104	70-130	
Hexachloro-1,3-butadiene	ug/L	50	45.5	91	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
Methyl-tert-butyl ether	ug/L	50	58.7	117	70-130	
Methylene Chloride	ug/L	50	80.2	160	63-130	L0
Naphthalene	ug/L	50	51.7	103	70-138	
o-Xylene	ug/L	50	51.7	103	70-130	
p-Isopropyltoluene	ug/L	50	51.6	103	70-130	
Styrene	ug/L	50	56.0	112	70-130	
Tetrachloroethene	ug/L	50	52.1	104	70-130	
Toluene	ug/L	50	57.2	114	70-130	
trans-1,2-Dichloroethene	ug/L	50	64.1	128	70-130	
trans-1,3-Dichloropropene	ug/L	50	57.4	115	70-132	
Trichloroethene	ug/L	50	55.5	111	70-130	
Trichlorofluoromethane	ug/L	50	62.3	125	62-133	
Vinyl acetate	ug/L	100	139	139	66-157	
Vinyl chloride	ug/L	50	65.1	130	50-150	
Xylene (Total)	ug/L	150	156	104	70-130	
1,2-Dichloroethane-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			104	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

MATRIX SPIKE SAMPLE: 1480867

Parameter	Units	92253199001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20.9	105	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	20.5	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	21.7	109	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	20.7	104	70-130	
1,1-Dichloroethane	ug/L	ND	20	21.3	107	70-130	
1,1-Dichloroethene	ug/L	ND	20	21.7	108	70-166	
1,1-Dichloropropene	ug/L	ND	20	23.6	118	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	20	23.2	116	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	22.7	113	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	24.5	123	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20.9	104	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	22.3	112	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	25.1	125	70-130	
1,2-Dichloroethane	ug/L	ND	20	19.8	99	70-130	
1,2-Dichloropropane	ug/L	ND	20	21.7	108	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	24.8	124	70-130	
1,3-Dichloropropane	ug/L	ND	20	23.3	116	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	24.8	124	70-130	
2,2-Dichloropropane	ug/L	ND	20	21.2	106	70-130	
2-Butanone (MEK)	ug/L	ND	40	40.8	102	70-130	
2-Chlorotoluene	ug/L	ND	20	25.5	128	70-130	
2-Hexanone	ug/L	ND	40	46.0	115	70-130	
4-Chlorotoluene	ug/L	ND	20	25.4	127	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	42.5	106	70-130	
Acetone	ug/L	ND	40	42.1	92	70-130	
Benzene	ug/L	ND	20	22.1	110	70-148	
Bromobenzene	ug/L	ND	20	24.3	122	70-130	
Bromochloromethane	ug/L	ND	20	20.5	103	70-130	
Bromodichloromethane	ug/L	ND	20	17.5	87	70-130	
Bromoform	ug/L	ND	20	16.1	80	70-130	
Bromomethane	ug/L	ND	20	25.1	126	70-130	
Carbon tetrachloride	ug/L	ND	20	21.0	105	70-130	
Chlorobenzene	ug/L	ND	20	24.0	120	70-146	
Chloroethane	ug/L	ND	20	22.1	111	70-130	
Chloroform	ug/L	ND	20	19.2	96	70-130	
Chloromethane	ug/L	ND	20	24.2	121	70-130	
cis-1,2-Dichloroethene	ug/L	0.29J	20	21.4	105	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	20.1	100	70-130	
Dibromochloromethane	ug/L	ND	20	17.1	85	70-130	
Dibromomethane	ug/L	ND	20	20.6	103	70-130	
Dichlorodifluoromethane	ug/L	ND	20	26.1	130	70-130	
Diisopropyl ether	ug/L	ND	20	20.7	103	70-130	
Ethylbenzene	ug/L	ND	20	23.8	119	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	27.0	135	70-130	M1
m&p-Xylene	ug/L	ND	40	46.9	117	70-130	
Methyl-tert-butyl ether	ug/L	ND	20	19.1	96	70-130	
Methylene Chloride	ug/L	ND	20	21.7	109	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

MATRIX SPIKE SAMPLE: 1480867

Parameter	Units	92253199001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	ND	20	22.6	113	70-130	
o-Xylene	ug/L	ND	20	22.7	114	70-130	
p-Isopropyltoluene	ug/L	ND	20	24.8	124	70-130	
Styrene	ug/L	ND	20	23.6	118	70-130	
Tetrachloroethene	ug/L	ND	20	25.3	127	70-130	
Toluene	ug/L	ND	20	21.3	107	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	21.4	107	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	20.4	102	70-130	
Trichloroethene	ug/L	1.0	20	21.9	104	69-151	
Trichlorofluoromethane	ug/L	ND	20	22.6	113	70-130	
Vinyl acetate	ug/L	ND	40	38.8	97	70-130	
Vinyl chloride	ug/L	ND	20	22.9	114	70-130	
1,2-Dichloroethane-d4 (S)	%				96	70-130	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 1480868

Parameter	Units	92253199002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

SAMPLE DUPLICATE: 1480868

Parameter	Units	92253199002 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	0.25J		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	0.27J		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	0.61J	0.69J		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	107	98	9		
4-Bromofluorobenzene (S)	%	96	96	0		
Toluene-d8 (S)	%	101	98	3		

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

QC Batch: MSV/32068 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92253199004, 92253199005, 92253199010, 92253199011, 92253199013, 92253199014

METHOD BLANK: 1480921 Matrix: Water
Associated Lab Samples: 92253199004, 92253199005, 92253199010, 92253199011, 92253199013, 92253199014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/10/15 15:20	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/10/15 15:20	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/10/15 15:20	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/10/15 15:20	
1,1-Dichloroethane	ug/L	ND	1.0	06/10/15 15:20	
1,1-Dichloroethene	ug/L	ND	1.0	06/10/15 15:20	
1,1-Dichloropropene	ug/L	ND	1.0	06/10/15 15:20	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/10/15 15:20	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/10/15 15:20	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/10/15 15:20	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	06/10/15 15:20	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/10/15 15:20	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/10/15 15:20	
1,2-Dichloroethane	ug/L	ND	1.0	06/10/15 15:20	
1,2-Dichloropropane	ug/L	ND	1.0	06/10/15 15:20	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/10/15 15:20	
1,3-Dichloropropane	ug/L	ND	1.0	06/10/15 15:20	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/10/15 15:20	
2,2-Dichloropropane	ug/L	ND	1.0	06/10/15 15:20	
2-Butanone (MEK)	ug/L	ND	5.0	06/10/15 15:20	
2-Chlorotoluene	ug/L	ND	1.0	06/10/15 15:20	
2-Hexanone	ug/L	ND	5.0	06/10/15 15:20	
4-Chlorotoluene	ug/L	ND	1.0	06/10/15 15:20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/10/15 15:20	
Acetone	ug/L	ND	25.0	06/10/15 15:20	
Benzene	ug/L	ND	1.0	06/10/15 15:20	
Bromobenzene	ug/L	ND	1.0	06/10/15 15:20	
Bromochloromethane	ug/L	ND	1.0	06/10/15 15:20	
Bromodichloromethane	ug/L	ND	1.0	06/10/15 15:20	
Bromoform	ug/L	ND	1.0	06/10/15 15:20	
Bromomethane	ug/L	ND	2.0	06/10/15 15:20	
Carbon tetrachloride	ug/L	ND	1.0	06/10/15 15:20	
Chlorobenzene	ug/L	ND	1.0	06/10/15 15:20	
Chloroethane	ug/L	ND	1.0	06/10/15 15:20	
Chloroform	ug/L	ND	1.0	06/10/15 15:20	
Chloromethane	ug/L	ND	1.0	06/10/15 15:20	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/10/15 15:20	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/10/15 15:20	
Dibromochloromethane	ug/L	ND	1.0	06/10/15 15:20	
Dibromomethane	ug/L	ND	1.0	06/10/15 15:20	
Dichlorodifluoromethane	ug/L	ND	1.0	06/10/15 15:20	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

METHOD BLANK: 1480921 Matrix: Water
Associated Lab Samples: 92253199004, 92253199005, 92253199010, 92253199011, 92253199013, 92253199014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	06/10/15 15:20	
Ethylbenzene	ug/L	ND	1.0	06/10/15 15:20	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/10/15 15:20	
m&p-Xylene	ug/L	ND	2.0	06/10/15 15:20	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/10/15 15:20	
Methylene Chloride	ug/L	3.7	2.0	06/10/15 15:20	C9
Naphthalene	ug/L	ND	1.0	06/10/15 15:20	
o-Xylene	ug/L	ND	1.0	06/10/15 15:20	
p-Isopropyltoluene	ug/L	ND	1.0	06/10/15 15:20	
Styrene	ug/L	ND	1.0	06/10/15 15:20	
Tetrachloroethene	ug/L	ND	1.0	06/10/15 15:20	
Toluene	ug/L	ND	1.0	06/10/15 15:20	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/10/15 15:20	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/10/15 15:20	
Trichloroethene	ug/L	ND	1.0	06/10/15 15:20	
Trichlorofluoromethane	ug/L	ND	1.0	06/10/15 15:20	
Vinyl acetate	ug/L	ND	2.0	06/10/15 15:20	
Vinyl chloride	ug/L	ND	1.0	06/10/15 15:20	
Xylene (Total)	ug/L	ND	2.0	06/10/15 15:20	
1,2-Dichloroethane-d4 (S)	%	109	70-130	06/10/15 15:20	
4-Bromofluorobenzene (S)	%	99	70-130	06/10/15 15:20	
Toluene-d8 (S)	%	105	70-130	06/10/15 15:20	

LABORATORY CONTROL SAMPLE: 1480922

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.5	99	70-130	
1,1,1-Trichloroethane	ug/L	50	55.1	110	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.0	104	70-130	
1,1,2-Trichloroethane	ug/L	50	55.7	111	70-130	
1,1-Dichloroethane	ug/L	50	59.6	119	70-130	
1,1-Dichloroethene	ug/L	50	58.2	116	70-132	
1,1-Dichloropropene	ug/L	50	63.2	126	70-130	
1,2,3-Trichlorobenzene	ug/L	50	49.3	99	70-135	
1,2,3-Trichloropropane	ug/L	50	52.2	104	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.3	103	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	49.1	98	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.4	105	70-130	
1,2-Dichlorobenzene	ug/L	50	52.5	105	70-130	
1,2-Dichloroethane	ug/L	50	59.1	118	70-130	
1,2-Dichloropropane	ug/L	50	55.2	110	70-130	
1,3-Dichlorobenzene	ug/L	50	51.4	103	70-130	
1,3-Dichloropropane	ug/L	50	53.1	106	70-130	
1,4-Dichlorobenzene	ug/L	50	51.9	104	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

LABORATORY CONTROL SAMPLE: 1480922

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	58.0	116	58-145	
2-Butanone (MEK)	ug/L	100	125	125	70-145	
2-Chlorotoluene	ug/L	50	50.8	102	70-130	
2-Hexanone	ug/L	100	111	111	70-144	
4-Chlorotoluene	ug/L	50	51.5	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	118	118	70-140	
Acetone	ug/L	100	126	126	50-175	
Benzene	ug/L	50	56.6	113	70-130	
Bromobenzene	ug/L	50	50.1	100	70-130	
Bromochloromethane	ug/L	50	60.9	122	70-130	
Bromodichloromethane	ug/L	50	48.3	97	70-130	
Bromoform	ug/L	50	35.4	71	70-130	
Bromomethane	ug/L	50	71.3	143	54-130	L0
Carbon tetrachloride	ug/L	50	50.1	100	70-132	
Chlorobenzene	ug/L	50	52.7	105	70-130	
Chloroethane	ug/L	50	55.2	110	64-134	
Chloroform	ug/L	50	54.4	109	70-130	
Chloromethane	ug/L	50	61.7	123	64-130	
cis-1,2-Dichloroethene	ug/L	50	59.6	119	70-131	
cis-1,3-Dichloropropene	ug/L	50	55.3	111	70-130	
Dibromochloromethane	ug/L	50	44.1	88	70-130	
Dibromomethane	ug/L	50	56.4	113	70-131	
Dichlorodifluoromethane	ug/L	50	61.9	124	56-130	
Diisopropyl ether	ug/L	50	62.8	126	70-130	
Ethylbenzene	ug/L	50	50.4	101	70-130	
Hexachloro-1,3-butadiene	ug/L	50	42.1	84	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	57.8	116	70-130	
Methylene Chloride	ug/L	50	70.7	141	63-130	L0
Naphthalene	ug/L	50	50.9	102	70-138	
o-Xylene	ug/L	50	50.5	101	70-130	
p-Isopropyltoluene	ug/L	50	50.7	101	70-130	
Styrene	ug/L	50	54.0	108	70-130	
Tetrachloroethene	ug/L	50	50.0	100	70-130	
Toluene	ug/L	50	53.4	107	70-130	
trans-1,2-Dichloroethene	ug/L	50	59.1	118	70-130	
trans-1,3-Dichloropropene	ug/L	50	57.1	114	70-132	
Trichloroethene	ug/L	50	53.5	107	70-130	
Trichlorofluoromethane	ug/L	50	58.5	117	62-133	
Vinyl acetate	ug/L	100	132	132	66-157	
Vinyl chloride	ug/L	50	60.9	122	50-150	
Xylene (Total)	ug/L	150	151	101	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

MATRIX SPIKE SAMPLE: 1480923

Parameter	Units	92253206008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	21.8	109	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	20.5	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	22.4	112	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	21.9	109	70-130	
1,1-Dichloroethane	ug/L	ND	20	21.4	107	70-130	
1,1-Dichloroethene	ug/L	ND	20	21.8	109	70-166	
1,1-Dichloropropene	ug/L	ND	20	25.0	125	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	20	23.4	117	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	23.5	118	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	24.1	121	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20.1	100	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	23.1	116	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	25.1	125	70-130	
1,2-Dichloroethane	ug/L	ND	20	20.0	100	70-130	
1,2-Dichloropropane	ug/L	ND	20	22.6	113	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	25.7	129	70-130	
1,3-Dichloropropane	ug/L	ND	20	24.2	121	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	24.8	124	70-130	
2,2-Dichloropropane	ug/L	ND	20	21.5	107	70-130	
2-Butanone (MEK)	ug/L	ND	40	39.4	99	70-130	
2-Chlorotoluene	ug/L	ND	20	26.0	130	70-130	
2-Hexanone	ug/L	ND	40	47.6	119	70-130	
4-Chlorotoluene	ug/L	ND	20	24.9	124	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	43.6	109	70-130	
Acetone	ug/L	ND	40	41.2	95	70-130	
Benzene	ug/L	ND	20	23.2	116	70-148	
Bromobenzene	ug/L	ND	20	24.7	123	70-130	
Bromochloromethane	ug/L	ND	20	21.0	105	70-130	
Bromodichloromethane	ug/L	ND	20	18.4	92	70-130	
Bromoform	ug/L	ND	20	16.1	80	70-130	
Bromomethane	ug/L	ND	20	24.5	122	70-130	
Carbon tetrachloride	ug/L	ND	20	21.4	107	70-130	
Chlorobenzene	ug/L	ND	20	24.6	123	70-146	
Chloroethane	ug/L	ND	20	23.6	118	70-130	
Chloroform	ug/L	ND	20	19.2	96	70-130	
Chloromethane	ug/L	ND	20	22.8	114	70-130	
cis-1,2-Dichloroethene	ug/L	ND	20	22.2	111	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	20.4	102	70-130	
Dibromochloromethane	ug/L	ND	20	17.9	89	70-130	
Dibromomethane	ug/L	ND	20	21.5	107	70-130	
Dichlorodifluoromethane	ug/L	ND	20	26.4	132	70-130	M1
Diisopropyl ether	ug/L	ND	20	20.7	104	70-130	
Ethylbenzene	ug/L	ND	20	24.5	123	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	29.7	149	70-130	M1
m&p-Xylene	ug/L	ND	40	48.6	121	70-130	
Methyl-tert-butyl ether	ug/L	ND	20	19.6	98	70-130	
Methylene Chloride	ug/L	ND	20	21.6	108	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

MATRIX SPIKE SAMPLE: 1480923

Parameter	Units	92253206008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	ND	20	22.9	114	70-130	
o-Xylene	ug/L	ND	20	23.8	119	70-130	
p-Isopropyltoluene	ug/L	ND	20	25.3	127	70-130	
Styrene	ug/L	ND	20	25.0	125	70-130	
Tetrachloroethene	ug/L	ND	20	26.0	130	70-130	
Toluene	ug/L	ND	20	22.5	112	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	21.9	109	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	20.3	102	70-130	
Trichloroethene	ug/L	ND	20	21.6	108	69-151	
Trichlorofluoromethane	ug/L	ND	20	23.0	115	70-130	
Vinyl acetate	ug/L	ND	40	38.1	95	70-130	
Vinyl chloride	ug/L	ND	20	22.5	112	70-130	
1,2-Dichloroethane-d4 (S)	%				98	70-130	
4-Bromofluorobenzene (S)	%				102	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 1480924

Parameter	Units	92253206009 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

SAMPLE DUPLICATE: 1480924

Parameter	Units	92253206009 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	106	101	5		
4-Bromofluorobenzene (S)	%	93	94	1		
Toluene-d8 (S)	%	100	98	1		

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

QC Batch: MSV/32099
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92253199006

METHOD BLANK: 1482451
Matrix: Water
Associated Lab Samples: 92253199006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/11/15 16:16	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/11/15 16:16	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/11/15 16:16	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/11/15 16:16	
1,1-Dichloroethane	ug/L	ND	1.0	06/11/15 16:16	
1,1-Dichloroethene	ug/L	ND	1.0	06/11/15 16:16	
1,1-Dichloropropene	ug/L	ND	1.0	06/11/15 16:16	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/11/15 16:16	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/11/15 16:16	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/11/15 16:16	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	06/11/15 16:16	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/11/15 16:16	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/11/15 16:16	
1,2-Dichloroethane	ug/L	ND	1.0	06/11/15 16:16	
1,2-Dichloropropane	ug/L	ND	1.0	06/11/15 16:16	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/11/15 16:16	
1,3-Dichloropropane	ug/L	ND	1.0	06/11/15 16:16	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/11/15 16:16	
2,2-Dichloropropane	ug/L	ND	1.0	06/11/15 16:16	
2-Butanone (MEK)	ug/L	ND	5.0	06/11/15 16:16	
2-Chlorotoluene	ug/L	ND	1.0	06/11/15 16:16	
2-Hexanone	ug/L	ND	5.0	06/11/15 16:16	
4-Chlorotoluene	ug/L	ND	1.0	06/11/15 16:16	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/11/15 16:16	
Acetone	ug/L	ND	25.0	06/11/15 16:16	
Benzene	ug/L	ND	1.0	06/11/15 16:16	
Bromobenzene	ug/L	ND	1.0	06/11/15 16:16	
Bromochloromethane	ug/L	ND	1.0	06/11/15 16:16	
Bromodichloromethane	ug/L	ND	1.0	06/11/15 16:16	
Bromoform	ug/L	ND	1.0	06/11/15 16:16	
Bromomethane	ug/L	ND	2.0	06/11/15 16:16	
Carbon tetrachloride	ug/L	ND	1.0	06/11/15 16:16	
Chlorobenzene	ug/L	ND	1.0	06/11/15 16:16	
Chloroethane	ug/L	ND	1.0	06/11/15 16:16	
Chloroform	ug/L	ND	1.0	06/11/15 16:16	
Chloromethane	ug/L	ND	1.0	06/11/15 16:16	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/11/15 16:16	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/11/15 16:16	
Dibromochloromethane	ug/L	ND	1.0	06/11/15 16:16	
Dibromomethane	ug/L	ND	1.0	06/11/15 16:16	
Dichlorodifluoromethane	ug/L	ND	1.0	06/11/15 16:16	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

METHOD BLANK: 1482451 Matrix: Water
Associated Lab Samples: 92253199006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	06/11/15 16:16	
Ethylbenzene	ug/L	ND	1.0	06/11/15 16:16	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/11/15 16:16	
m&p-Xylene	ug/L	ND	2.0	06/11/15 16:16	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/11/15 16:16	
Methylene Chloride	ug/L	ND	2.0	06/11/15 16:16	
Naphthalene	ug/L	ND	1.0	06/11/15 16:16	
o-Xylene	ug/L	ND	1.0	06/11/15 16:16	
p-Isopropyltoluene	ug/L	ND	1.0	06/11/15 16:16	
Styrene	ug/L	ND	1.0	06/11/15 16:16	
Tetrachloroethene	ug/L	ND	1.0	06/11/15 16:16	
Toluene	ug/L	ND	1.0	06/11/15 16:16	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/11/15 16:16	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/11/15 16:16	
Trichloroethene	ug/L	ND	1.0	06/11/15 16:16	
Trichlorofluoromethane	ug/L	ND	1.0	06/11/15 16:16	
Vinyl acetate	ug/L	ND	2.0	06/11/15 16:16	
Vinyl chloride	ug/L	ND	1.0	06/11/15 16:16	
Xylene (Total)	ug/L	ND	2.0	06/11/15 16:16	
1,2-Dichloroethane-d4 (S)	%	101	70-130	06/11/15 16:16	
4-Bromofluorobenzene (S)	%	99	70-130	06/11/15 16:16	
Toluene-d8 (S)	%	100	70-130	06/11/15 16:16	

LABORATORY CONTROL SAMPLE: 1482452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	58.6	117	70-130	
1,1,1-Trichloroethane	ug/L	50	51.0	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	57.2	114	70-130	
1,1,2-Trichloroethane	ug/L	50	53.5	107	70-130	
1,1-Dichloroethane	ug/L	50	54.4	109	70-130	
1,1-Dichloroethene	ug/L	50	53.6	107	70-132	
1,1-Dichloropropene	ug/L	50	59.2	118	70-130	
1,2,3-Trichlorobenzene	ug/L	50	57.1	114	70-135	
1,2,3-Trichloropropane	ug/L	50	58.2	116	70-130	
1,2,4-Trichlorobenzene	ug/L	50	60.9	122	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	55.2	110	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	59.6	119	70-130	
1,2-Dichlorobenzene	ug/L	50	64.6	129	70-130	
1,2-Dichloroethane	ug/L	50	52.5	105	70-130	
1,2-Dichloropropane	ug/L	50	54.8	110	70-130	
1,3-Dichlorobenzene	ug/L	50	61.3	123	70-130	
1,3-Dichloropropane	ug/L	50	62.2	124	70-130	
1,4-Dichlorobenzene	ug/L	50	62.2	124	70-130	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

LABORATORY CONTROL SAMPLE: 1482452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	52.0	104	58-145	
2-Butanone (MEK)	ug/L	100	108	108	70-145	
2-Chlorotoluene	ug/L	50	62.1	124	70-130	
2-Hexanone	ug/L	100	125	125	70-144	
4-Chlorotoluene	ug/L	50	61.6	123	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	111	70-140	
Acetone	ug/L	100	109	109	50-175	
Benzene	ug/L	50	55.0	110	70-130	
Bromobenzene	ug/L	50	61.1	122	70-130	
Bromochloromethane	ug/L	50	54.1	108	70-130	
Bromodichloromethane	ug/L	50	46.9	94	70-130	
Bromoform	ug/L	50	39.8	80	70-130	
Bromomethane	ug/L	50	57.3	115	54-130	
Carbon tetrachloride	ug/L	50	50.4	101	70-132	
Chlorobenzene	ug/L	50	60.1	120	70-130	
Chloroethane	ug/L	50	50.3	101	64-134	
Chloroform	ug/L	50	49.3	99	70-130	
Chloromethane	ug/L	50	56.0	112	64-130	
cis-1,2-Dichloroethene	ug/L	50	54.6	109	70-131	
cis-1,3-Dichloropropene	ug/L	50	54.0	108	70-130	
Dibromochloromethane	ug/L	50	49.9	100	70-130	
Dibromomethane	ug/L	50	53.4	107	70-131	
Dichlorodifluoromethane	ug/L	50	60.9	122	56-130	
Diisopropyl ether	ug/L	50	55.3	111	70-130	
Ethylbenzene	ug/L	50	58.6	117	70-130	
Hexachloro-1,3-butadiene	ug/L	50	52.0	104	70-130	
m&p-Xylene	ug/L	100	119	119	70-130	
Methyl-tert-butyl ether	ug/L	50	50.6	101	70-130	
Methylene Chloride	ug/L	50	62.2	124	63-130	
Naphthalene	ug/L	50	59.7	119	70-138	
o-Xylene	ug/L	50	59.0	118	70-130	
p-Isopropyltoluene	ug/L	50	60.6	121	70-130	
Styrene	ug/L	50	63.7	127	70-130	
Tetrachloroethene	ug/L	50	60.1	120	70-130	
Toluene	ug/L	50	52.7	105	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.4	105	70-130	
trans-1,3-Dichloropropene	ug/L	50	53.7	107	70-132	
Trichloroethene	ug/L	50	52.0	104	70-130	
Trichlorofluoromethane	ug/L	50	54.6	109	62-133	
Vinyl acetate	ug/L	100	115	115	66-157	
Vinyl chloride	ug/L	50	56.5	113	50-150	
Xylene (Total)	ug/L	150	178	119	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1482453 1482454

Parameter	Units	92253193007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.0	20.5	105	103	70-130	2	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	21.2	102	106	70-130	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.0	21.6	110	108	70-130	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.6	20.6	103	103	70-130	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.4	21.5	107	107	70-130	0	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.9	22.5	110	113	70-166	3	30	
1,1-Dichloropropene	ug/L	ND	20	20	24.0	24.0	120	120	70-130	0	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	23.0	21.0	115	105	70-130	9	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	23.1	21.7	115	108	70-130	6	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.5	22.0	117	110	70-130	6	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.9	21.0	104	105	70-130	0	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.6	22.4	113	112	70-130	1	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	24.9	24.2	124	121	70-130	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.0	20.5	100	102	70-130	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.0	22.7	110	114	70-130	3	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	24.6	23.6	123	118	70-130	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	23.5	23.2	117	116	70-130	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	24.6	24.2	123	121	70-130	2	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.6	21.1	103	106	70-130	3	30	
2-Butanone (MEK)	ug/L	ND	40	40	40.6	39.4	102	98	70-130	3	30	
2-Chlorotoluene	ug/L	ND	20	20	25.4	24.7	127	123	70-130	3	30	
2-Hexanone	ug/L	ND	40	40	47.1	45.2	118	113	70-130	4	30	
4-Chlorotoluene	ug/L	ND	20	20	25.1	24.7	125	123	70-130	2	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	43.2	42.9	108	107	70-130	1	30	
Acetone	ug/L	ND	40	40	41.1	42.0	99	101	70-130	2	30	
Benzene	ug/L	ND	20	20	22.4	22.7	112	113	70-148	1	30	
Bromobenzene	ug/L	ND	20	20	25.0	24.6	125	123	70-130	2	30	
Bromochloromethane	ug/L	ND	20	20	21.3	21.7	107	108	70-130	1	30	
Bromodichloromethane	ug/L	ND	20	20	18.4	19.1	92	95	70-130	3	30	
Bromoform	ug/L	ND	20	20	16.8	16.7	84	84	70-130	0	30	
Bromomethane	ug/L	ND	20	20	26.2	26.5	131	133	70-130	1	30	M1
Carbon tetrachloride	ug/L	ND	20	20	21.0	21.4	105	107	70-130	2	30	
Chlorobenzene	ug/L	ND	20	20	24.1	23.8	121	119	70-146	1	30	
Chloroethane	ug/L	ND	20	20	21.7	22.5	108	112	70-130	4	30	
Chloroform	ug/L	ND	20	20	19.8	20.1	98	100	70-130	1	30	
Chloromethane	ug/L	ND	20	20	26.1	24.8	130	124	70-130	5	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.9	22.1	109	110	70-130	1	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.9	20.0	99	100	70-130	1	30	
Dibromochloromethane	ug/L	ND	20	20	19.0	18.5	95	92	70-130	3	30	
Dibromomethane	ug/L	ND	20	20	20.6	21.6	103	108	70-130	4	30	
Dichlorodifluoromethane	ug/L	ND	20	20	23.9	23.6	119	118	70-130	1	30	
Diisopropyl ether	ug/L	ND	20	20	21.8	21.8	109	109	70-130	0	30	
Ethylbenzene	ug/L	ND	20	20	23.7	23.4	118	117	70-130	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	27.8	27.1	139	136	70-130	3	30	M1

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1482453 1482454

Parameter	Units	92253193007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
m&p-Xylene	ug/L	ND	40	40	47.1	46.0	118	115	70-130	2	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.5	19.3	98	96	70-130	1	30	
Methylene Chloride	ug/L	ND	20	20	24.5	24.0	123	120	70-130	2	30	
Naphthalene	ug/L	ND	20	20	22.7	22.0	113	110	70-130	3	30	
o-Xylene	ug/L	ND	20	20	22.6	22.4	113	112	70-130	1	30	
p-Isopropyltoluene	ug/L	ND	20	20	25.1	24.3	125	122	70-130	3	30	
Styrene	ug/L	ND	20	20	23.9	23.8	119	119	70-130	0	30	
Tetrachloroethene	ug/L	3.1	20	20	27.8	27.1	124	120	70-130	3	30	
Toluene	ug/L	ND	20	20	21.4	21.7	107	109	70-155	1	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.8	22.6	109	113	70-130	4	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.4	20.2	102	101	70-130	1	30	
Trichloroethene	ug/L	ND	20	20	21.3	21.7	106	108	69-151	2	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.9	22.9	114	114	70-130	0	30	
Vinyl acetate	ug/L	ND	40	40	40.2	39.3	101	98	70-130	2	30	
Vinyl chloride	ug/L	ND	20	20	23.3	22.5	116	113	70-130	3	30	
1,2-Dichloroethane-d4 (S)	%						95	99	70-130			
4-Bromofluorobenzene (S)	%						99	97	70-130			
Toluene-d8 (S)	%						98	100	70-130			

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

QC Batch: OEXT/35670 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92253199001, 92253199002, 92253199003, 92253199004, 92253199005, 92253199006, 92253199007, 92253199008, 92253199009, 92253199010, 92253199011, 92253199012, 92253199013, 92253199014, 92253199015

METHOD BLANK: 1481159 Matrix: Water
Associated Lab Samples: 92253199001, 92253199002, 92253199003, 92253199004, 92253199005, 92253199006, 92253199007, 92253199008, 92253199009, 92253199010, 92253199011, 92253199012, 92253199013, 92253199014, 92253199015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	06/12/15 18:13	
4,4'-DDE	ug/L	ND	0.050	06/12/15 18:13	
4,4'-DDT	ug/L	ND	0.050	06/12/15 18:13	
Aldrin	ug/L	ND	0.050	06/12/15 18:13	
alpha-BHC	ug/L	ND	0.050	06/12/15 18:13	
beta-BHC	ug/L	ND	0.050	06/12/15 18:13	
Chlordane (Technical)	ug/L	ND	0.20	06/12/15 18:13	
delta-BHC	ug/L	ND	0.050	06/12/15 18:13	
Dieldrin	ug/L	ND	0.050	06/12/15 18:13	
Endosulfan I	ug/L	ND	0.050	06/12/15 18:13	
Endosulfan II	ug/L	ND	0.050	06/12/15 18:13	
Endosulfan sulfate	ug/L	ND	0.050	06/12/15 18:13	
Endrin	ug/L	ND	0.050	06/12/15 18:13	
Endrin aldehyde	ug/L	ND	0.050	06/12/15 18:13	
Endrin ketone	ug/L	ND	0.050	06/12/15 18:13	
gamma-BHC (Lindane)	ug/L	ND	0.050	06/12/15 18:13	
Heptachlor	ug/L	ND	0.050	06/12/15 18:13	
Heptachlor epoxide	ug/L	ND	0.050	06/12/15 18:13	
Hexachlorobenzene	ug/L	ND	0.050	06/12/15 18:13	
Methoxychlor	ug/L	ND	0.15	06/12/15 18:13	
Mirex	ug/L	ND	0.15	06/12/15 18:13	
Toxaphene	ug/L	ND	0.20	06/12/15 18:13	
Decachlorobiphenyl (S)	%	92	20-130	06/12/15 18:13	
Tetrachloro-m-xylene (S)	%	90	20-130	06/12/15 18:13	

LABORATORY CONTROL SAMPLE: 1481160

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.23	94	20-150	
4,4'-DDE	ug/L	.25	0.23	92	20-150	
4,4'-DDT	ug/L	.25	0.23	95	20-150	
Aldrin	ug/L	.25	0.22	90	20-150	
alpha-BHC	ug/L	.25	0.24	95	20-150	
beta-BHC	ug/L	.25	0.24	96	20-150	
delta-BHC	ug/L	.25	0.24	98	20-150	
Dieldrin	ug/L	.25	0.24	95	20-150	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253199

LABORATORY CONTROL SAMPLE: 1481160

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endosulfan I	ug/L	.25	0.23	94	20-150	
Endosulfan II	ug/L	.25	0.24	96	20-150	
Endosulfan sulfate	ug/L	.25	0.23	91	20-150	
Endrin	ug/L	.25	0.23	92	20-150	
Endrin aldehyde	ug/L	.25	0.17	71	20-150	
Endrin ketone	ug/L	.25	0.22	90	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.24	95	20-150	
Heptachlor	ug/L	.25	0.23	93	20-150	
Heptachlor epoxide	ug/L	.25	0.23	94	20-150	
Hexachlorobenzene	ug/L	.25	0.21	86	20-150	
Methoxychlor	ug/L	.74	0.69	93	20-150	
Mirex	ug/L	.74	0.67	90	20-150	
Decachlorobiphenyl (S)	%			93	20-130	
Tetrachloro-m-xylene (S)	%			102	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1481161 1481162

Parameter	Units	92253199010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4,4'-DDD	ug/L	1.5	.5	.5	2.2	2.0	147	115	20-150	7	30	M3
4,4'-DDE	ug/L	ND	.5	.5	1.4	1.3	274	259	20-150	6	30	M1
4,4'-DDT	ug/L	ND	.5	.5	1.2	1.1	236	216	20-150	9	30	M1
Aldrin	ug/L	ND	.5	.5	0.70	0.63	141	128	20-150	10	30	
alpha-BHC	ug/L	ND	.5	.5	0.94	0.90	189	183	20-150	3	30	M1
beta-BHC	ug/L	1.4	.5	.5	2.0	1.8	111	86	20-150	6	30	M3
delta-BHC	ug/L	1.0	.5	.5	1.2	1.2	42	40	20-150	1	30	
Dieldrin	ug/L	7.9	.5	.5	9.0	8.5	215	113	20-150	6	30	M3
Endosulfan I	ug/L	ND	.5	.5	0.58	0.55	116	111	20-150	4	30	
Endosulfan II	ug/L	2.8	.5	.5	3.2	3.0	92	51	20-150	7	30	M3
Endosulfan sulfate	ug/L	ND	.5	.5	0.54	0.52	109	105	20-150	4	30	
Endrin	ug/L	5.8	.5	.5	7.2	6.8	276	204	20-150	5	30	M3
Endrin aldehyde	ug/L	ND	.5	.5	2.1	1.9	430	392	20-150	9	30	M3
Endrin ketone	ug/L	6.2	.5	.5	7.3	6.7	227	113	20-150	8	30	M3
gamma-BHC (Lindane)	ug/L	ND	.5	.5	1.1	1.0	220	208	20-150	6	30	M1
Heptachlor	ug/L	ND	.5	.5	0.62	0.63	125	128	20-150	3	30	
Heptachlor epoxide	ug/L	ND	.5	.5	1.8	1.8	373	358	20-150	4	30	M3
Hexachlorobenzene	ug/L	ND	.5	.5	0.38	0.39	76	79	20-150	4	30	
Methoxychlor	ug/L	ND	1.5	1.5	1.8	1.7	122	114	20-150	7	30	
Mirex	ug/L	ND	1.5	1.5	1.6	1.4	108	97	20-150	11	30	
Decachlorobiphenyl (S)	%						98	93	20-130			
Tetrachloro-m-xylene (S)	%						94	85	20-130			

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QUALIFIERS

Project: LEGION INDUSTRY
Pace Project No.: 92253199

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether, Styrene, and Vinyl chloride.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

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

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TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

C9	Common Laboratory Contaminant.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: LEGION INDUSTRY
Pace Project No.: 92253199

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92253199001	**MW6**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199002	**MW5**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199003	**MW11**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199004	**MW1**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199005	**DUP #1**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199006	**MW15**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199007	**MW10**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199008	**MW7**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199009	**MW14**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199010	**MW19**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199011	**DUP #2**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199012	**MW4**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199013	**MW13**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199014	**MW18**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199015	**MW12**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253199001	**MW6**	EPA 8260	MSV/32067		
92253199002	**MW5**	EPA 8260	MSV/32067		
92253199003	**MW11**	EPA 8260	MSV/32067		
92253199004	**MW1**	EPA 8260	MSV/32068		
92253199005	**DUP #1**	EPA 8260	MSV/32068		
92253199006	**MW15**	EPA 8260	MSV/32099		
92253199007	**MW10**	EPA 8260	MSV/32067		
92253199008	**MW7**	EPA 8260	MSV/32067		
92253199009	**MW14**	EPA 8260	MSV/32067		
92253199010	**MW19**	EPA 8260	MSV/32068		
92253199011	**DUP #2**	EPA 8260	MSV/32068		
92253199012	**MW4**	EPA 8260	MSV/32067		
92253199013	**MW13**	EPA 8260	MSV/32068		
92253199014	**MW18**	EPA 8260	MSV/32068		
92253199015	**MW12**	EPA 8260	MSV/32067		
92253199016	**TRIP**	EPA 8260	MSV/32067		

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Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: May 15, 2015 Page 1 of 2*
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: AMEC FW

* Page 2 of 2 is for Internal Use Only

Courier (Circle): Fed Ex UPS USPS Client Commercial Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☒ no

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other_____

Thermometer Used: IR Gun#3 -130265963 Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

R Gun #4 SN:140290365 Other:

Temp Correction Factor: Add / Subtract 0 C

Corrected Cooler Temp.: 4.5 C Biological Tissue is Frozen: Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 6/5/15

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☑Yes ☐No ☐N/A	7. 6/12/15
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☐N/A	
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☑Yes ☐No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Field Data Required? Y / N

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

CURF Review: CO/NMG Date: 6-5-15/6-5-15

SRF Review: NMG Date: 6/7/15

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Place label here

WO# : 92253199

92253199

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of 1691330

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: AMEC FW	Report To: Steve Eday Chuck Ferry	Attention:
Address: 2677 Buford Hwy Atlanta GA 30324	Copy To:	Company Name:
		Address:
Email To: Steve F. + Chuck F.	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: Legion Industry	Pace Project Manager:
Requested Due Date/TAT: 6/12/15	Project Number: 6121080444.08	Pace Profile #: 60160-93 NMG 6/5/15

REGULATORY AGENCY: ☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: _____

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: VOCs	Pesticides	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW6	WT	G			6/3/15	0900		5	X			X					X	X		92253199 001
2	MW5	WT	G			6/3/15	0930		5	X			X					X	X		002
3	MW11	WT	G			6/3/15	1123		5	X			X					X	X		003
4	MW1	WT	G			6/3/15	1425		5	X			X					X	X		004
5	DUP #1	WT	G			6/3/15			5	X			X					X	X		005
6	MW15	WT	G			6/3/15	1550		5	X			X					X	X		006
7	MW10	WT	G			6/9/15	0815		5	X			X					X	X		007
8	MW7	WT	G			6/4/15	0835		5	X			X					X	X		008
9	MW14	WT	G			6/4/15	0905		5	X			X					X	X		009
10	MW19	WT	G			6/4/15	1020		5	X			X					X	X		010
11	DUP #2	WT	G			6/4/15			5	X			X					X	X		NMG 6/4 011
12	MW4	WT	G			6/4/15	1110		5	X			X					X	X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	[illegible]	6/5/15	0730	[illegible]	6/5/15	0815	4.5			
	[illegible]	6/5/15	1537	Roni Patton JAVL	6/5/15	1537	4.7	Y	N	Y
							2.6	Y	N	Y
							5.4/5.9	Y/Y	N/A	Y/Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: PAUL GAZZO

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 6/5/15

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: May 15, 2015 Page 1 of 2*
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Amec FW

* Page 2 of 2 is for Internal Use Only

Courier (Circle): Fed Ex UPS USPS Client Commercial (Pace) Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

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

Thermometer Used: (IR Gun#3 -130265963) Type of Ice: (Wet) Blue None ☑ Samples on Ice, cooling process has begun

R Gun #4 SN:140290365 Other:

Temp Correction Factor: Add / Subtract (0) C

Corrected Cooler Temp.: 4.5/4.7/2.6/5.4/5.4 °C Biological Tissue is Frozen: Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 6/6/15

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☑Yes ☐No ☐N/A	7. 6/12/15
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☑Yes ☐No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

CURF Review: LC/NMG Date: 6-5-15/6-5-15

SRF Review: NMG Date: 6/7/15

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (I.e out of hold, incorrect preservative, out of temp, incorrect containers)

Place label here

92253199 OR

Handwrite project number (if no label available)

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of 1691331

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: HMECFW	Report To: Steve Foley Chuck Ferry	Attention:
Address: 4677 Buford Hwy Atlanta GA 30324	Copy To:	Company Name:
Email To: Chuck F + Steve F	Purchase Order No.:	Address:
Phone: Fax:	Project Name: Legion Industries	Pace Quote Reference:
Requested Due Date/TAT: 6/12/15	Project Number: 6/21 09 0444_08	Pace Project Manager:
		Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: VOCs	Pesticides	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92253199
1	MW13	WT	G			6/4/15	1330		5	X			X					X	X		013
2	MW18	WT	G			6/4/15	1415		5	X			X					X	X		014
3	MW12	WT	G			6/4/15	1545		5	X			X					X	X		015
4	Temp Trip								1												—
5									2												016
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	HMECFW	6/5/15	0730		6.5.15	08:45	
		6.5.15	1513	Jeni Patton AVL	6/5/15	1537	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 16, 2015

Steve Foley
Amec Foster Wheeler
396 Plasters Avenue
Atlanta, GA 30324

RE: Project: LEGION INDUSTRY
Pace Project No.: 92253407

Dear Steve Foley:
Enclosed are the analytical results for sample(s) received by the laboratory on June 09, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

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

Sincerely,

Kevin Godwin
kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Chuck Ferry, Amec Foster Wheeler

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CERTIFICATIONS

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92253407001	**PZ2**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253407002	**MW2**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253407003	**MW3**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253407004	**MW17**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253407005	**MW16**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C
92253407006	**MW9**	EPA 8081	SWB	24	PASI-C
		EPA 8260	SNP	63	PASI-C

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Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92253407001	**PZ2**					
EPA 8081	alpha-BHC	0.44	ug/L	0.050	06/13/15 01:35	
EPA 8081	beta-BHC	0.37	ug/L	0.050	06/13/15 01:35	
EPA 8081	delta-BHC	0.71	ug/L	0.050	06/13/15 01:35	
EPA 8081	gamma-BHC (Lindane)	0.56	ug/L	0.050	06/13/15 01:35	
EPA 8081	4,4'-DDD	0.12	ug/L	0.050	06/13/15 01:35	
EPA 8081	Dieldrin	0.15	ug/L	0.050	06/13/15 01:35	
EPA 8081	Endrin ketone	0.51	ug/L	0.050	06/13/15 01:35	
EPA 8260	cis-1,2-Dichloroethene	7280	ug/L	250	06/12/15 08:16	
EPA 8260	Methylene Chloride	592	ug/L	500	06/12/15 08:16	C9
EPA 8260	Trichloroethene	46300	ug/L	250	06/12/15 08:16	
EPA 8260	Vinyl chloride	1620	ug/L	250	06/12/15 08:16	
92253407002	**MW2**					
EPA 8081	alpha-BHC	6.5	ug/L	1.2	06/15/15 13:38	
EPA 8081	delta-BHC	9.0	ug/L	1.2	06/15/15 13:38	
EPA 8081	gamma-BHC (Lindane)	2.3	ug/L	1.2	06/15/15 13:38	
EPA 8260	Benzene	3.5	ug/L	1.0	06/12/15 05:28	
EPA 8260	Chlorobenzene	12.3	ug/L	1.0	06/12/15 05:28	
EPA 8260	1,4-Dichlorobenzene	2.0	ug/L	1.0	06/12/15 05:28	M1
EPA 8260	cis-1,2-Dichloroethene	145	ug/L	1.0	06/12/15 05:28	
EPA 8260	Ethylbenzene	2.3	ug/L	1.0	06/12/15 05:28	
EPA 8260	Naphthalene	5.5	ug/L	1.0	06/12/15 05:28	
EPA 8260	Trichloroethene	2.0	ug/L	1.0	06/12/15 05:28	
EPA 8260	Vinyl chloride	120	ug/L	1.0	06/12/15 05:28	M1
EPA 8260	Xylene (Total)	7.8	ug/L	2.0	06/12/15 05:28	
EPA 8260	m&p-Xylene	2.7	ug/L	2.0	06/12/15 05:28	
EPA 8260	o-Xylene	5.1	ug/L	1.0	06/12/15 05:28	
92253407003	**MW3**					
EPA 8260	Toluene	1.0	ug/L	1.0	06/12/15 05:44	
EPA 8260	Trichloroethene	1.6	ug/L	1.0	06/12/15 05:44	
92253407004	**MW17**					
EPA 8081	alpha-BHC	0.41	ug/L	0.050	06/13/15 02:30	
EPA 8081	beta-BHC	0.75	ug/L	0.050	06/13/15 02:30	
EPA 8081	delta-BHC	0.52	ug/L	0.050	06/13/15 02:30	
EPA 8081	gamma-BHC (Lindane)	0.066	ug/L	0.050	06/13/15 02:30	
EPA 8081	Endrin ketone	0.29	ug/L	0.050	06/13/15 02:30	
EPA 8260	cis-1,2-Dichloroethene	1010	ug/L	20.0	06/12/15 08:33	
EPA 8260	Methylene Chloride	53.5	ug/L	40.0	06/12/15 08:33	C9
EPA 8260	Trichloroethene	976	ug/L	20.0	06/12/15 08:33	
EPA 8260	Vinyl chloride	22.6	ug/L	20.0	06/12/15 08:33	
92253407005	**MW16**					
EPA 8081	beta-BHC	1.9	ug/L	1.0	06/15/15 13:56	
EPA 8081	delta-BHC	5.4	ug/L	1.0	06/15/15 13:56	
EPA 8081	4,4'-DDD	1.4	ug/L	1.0	06/15/15 13:56	
EPA 8081	4,4'-DDE	1.0	ug/L	1.0	06/15/15 13:56	
EPA 8260	Benzene	3.2	ug/L	1.0	06/12/15 06:01	

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Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92253407005	**MW16**					
EPA 8260	Chlorobenzene	11.7	ug/L	1.0	06/12/15 06:01	
EPA 8260	1,4-Dichlorobenzene	2.2	ug/L	1.0	06/12/15 06:01	
EPA 8260	cis-1,2-Dichloroethene	2.5	ug/L	1.0	06/12/15 06:01	
EPA 8260	Trichloroethene	5.6	ug/L	1.0	06/12/15 06:01	
EPA 8260	Vinyl chloride	6.6	ug/L	1.0	06/12/15 06:01	
92253407006	**MW9**					
EPA 8081	4,4'-DDD	0.088	ug/L	0.050	06/15/15 20:07	
EPA 8081	Dieldrin	0.16	ug/L	0.050	06/15/15 20:07	
EPA 8260	cis-1,2-Dichloroethene	2.8	ug/L	1.0	06/12/15 06:18	
EPA 8260	Trichloroethene	8.5	ug/L	1.0	06/12/15 06:18	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Method: **EPA 8081**
Description: 8081 Organochlorine Pesticides
Client: Amec Foster Wheeler, Georgia
Date: June 16, 2015

General Information:
6 samples were analyzed for EPA 8081. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/35670

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- MW16 (Lab ID: 92253407005)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)
- MW2 (Lab ID: 92253407002)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: OEXT/35670

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92253199010

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1481161)
  - 4,4'-DDE
  - 4,4'-DDT
  - alpha-BHC
  - gamma-BHC (Lindane)

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PROJECT NARRATIVE

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Method: **EPA 8081**
Description: 8081 Organochlorine Pesticides
Client: Amec Foster Wheeler, Georgia
Date: June 16, 2015

QC Batch: OEXT/35670

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92253199010

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 1481162)
  - 4,4'-DDE
  - 4,4'-DDT
  - alpha-BHC
  - gamma-BHC (Lindane)

M3: Matrix spike recovery was outside laboratory control limits due to matrix interferences.

- MS (Lab ID: 1481161)
  - 4,4'-DDD
  - Dieldrin
  - Endosulfan II
  - Endrin
  - Endrin aldehyde
  - Endrin ketone
  - Heptachlor epoxide
  - beta-BHC
- MSD (Lab ID: 1481162)
  - 4,4'-DDD
  - Dieldrin
  - Endosulfan II
  - Endrin
  - Endrin aldehyde
  - Endrin ketone
  - Heptachlor epoxide
  - beta-BHC

Additional Comments:

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PROJECT NARRATIVE

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: Amec Foster Wheeler, Georgia
Date: June 16, 2015

General Information:
6 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: MSV/32103

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92253407002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1482712)
  - 1,2-Dichlorobenzene
  - 1,4-Dichlorobenzene
  - 2-Chlorotoluene
  - Bromobenzene
  - Bromomethane
  - Hexachloro-1,3-butadiene
  - Styrene
  - Vinyl chloride
  - p-Isopropyltoluene

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: Amec Foster Wheeler, Georgia
Date: June 16, 2015

Additional Comments:

Analyte Comments:

QC Batch: MSV/32103

C9: Common Laboratory Contaminant.

- MW17 (Lab ID: 92253407004)
  - Methylene Chloride
- PZ2 (Lab ID: 92253407001)
  - Methylene Chloride

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Sample: PZ2 **Lab ID: 92253407001** Collected: 06/05/15 08:45 Received: 06/09/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	309-00-2	
alpha-BHC	**0.44**	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	319-84-6	
beta-BHC	**0.37**	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	319-85-7	
delta-BHC	**0.71**	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	319-86-8	
gamma-BHC (Lindane)	**0.56**	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/10/15 17:00	06/13/15 01:35	57-74-9	
4,4'-DDD	**0.12**	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	50-29-3	
Dieldrin	**0.15**	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	7421-93-4	
Endrin ketone	**0.51**	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 01:35	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/10/15 17:00	06/13/15 01:35	72-43-5	
Mirex	ND	ug/L	0.15	1	06/10/15 17:00	06/13/15 01:35	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/10/15 17:00	06/13/15 01:35	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	52	%	20-130	1	06/10/15 17:00	06/13/15 01:35	877-09-8	
Decachlorobiphenyl (S)	66	%	20-130	1	06/10/15 17:00	06/13/15 01:35	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	6250	250		06/12/15 08:16	67-64-1	
Benzene	ND	ug/L	250	250		06/12/15 08:16	71-43-2	
Bromobenzene	ND	ug/L	250	250		06/12/15 08:16	108-86-1	
Bromochloromethane	ND	ug/L	250	250		06/12/15 08:16	74-97-5	
Bromodichloromethane	ND	ug/L	250	250		06/12/15 08:16	75-27-4	
Bromoform	ND	ug/L	250	250		06/12/15 08:16	75-25-2	
Bromomethane	ND	ug/L	500	250		06/12/15 08:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	1250	250		06/12/15 08:16	78-93-3	
Carbon tetrachloride	ND	ug/L	250	250		06/12/15 08:16	56-23-5	
Chlorobenzene	ND	ug/L	250	250		06/12/15 08:16	108-90-7	
Chloroethane	ND	ug/L	250	250		06/12/15 08:16	75-00-3	
Chloroform	ND	ug/L	250	250		06/12/15 08:16	67-66-3	
Chloromethane	ND	ug/L	250	250		06/12/15 08:16	74-87-3	
2-Chlorotoluene	ND	ug/L	250	250		06/12/15 08:16	95-49-8	
4-Chlorotoluene	ND	ug/L	250	250		06/12/15 08:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	500	250		06/12/15 08:16	96-12-8	
Dibromochloromethane	ND	ug/L	250	250		06/12/15 08:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	250	250		06/12/15 08:16	106-93-4	
Dibromomethane	ND	ug/L	250	250		06/12/15 08:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	250	250		06/12/15 08:16	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Sample: PZ2 **Lab ID: 92253407001** Collected: 06/05/15 08:45 Received: 06/09/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	250	250		06/12/15 08:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	250	250		06/12/15 08:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	250	250		06/12/15 08:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	250	250		06/12/15 08:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	250	250		06/12/15 08:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	250	250		06/12/15 08:16	75-35-4	
cis-1,2-Dichloroethene	**7280**	ug/L	250	250		06/12/15 08:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	250	250		06/12/15 08:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	250	250		06/12/15 08:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	250	250		06/12/15 08:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	250	250		06/12/15 08:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	250	250		06/12/15 08:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	250	250		06/12/15 08:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	250	250		06/12/15 08:16	10061-02-6	
Diisopropyl ether	ND	ug/L	250	250		06/12/15 08:16	108-20-3	
Ethylbenzene	ND	ug/L	250	250		06/12/15 08:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	250	250		06/12/15 08:16	87-68-3	
2-Hexanone	ND	ug/L	1250	250		06/12/15 08:16	591-78-6	
p-Isopropyltoluene	ND	ug/L	250	250		06/12/15 08:16	99-87-6	
Methylene Chloride	**592**	ug/L	500	250		06/12/15 08:16	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1250	250		06/12/15 08:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	250	250		06/12/15 08:16	1634-04-4	
Naphthalene	ND	ug/L	250	250		06/12/15 08:16	91-20-3	
Styrene	ND	ug/L	250	250		06/12/15 08:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	250	250		06/12/15 08:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	250	250		06/12/15 08:16	79-34-5	
Tetrachloroethene	ND	ug/L	250	250		06/12/15 08:16	127-18-4	
Toluene	ND	ug/L	250	250		06/12/15 08:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	250	250		06/12/15 08:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	250	250		06/12/15 08:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	250	250		06/12/15 08:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	250	250		06/12/15 08:16	79-00-5	
Trichloroethene	**46300**	ug/L	250	250		06/12/15 08:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	250	250		06/12/15 08:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	250	250		06/12/15 08:16	96-18-4	
Vinyl acetate	ND	ug/L	500	250		06/12/15 08:16	108-05-4	
Vinyl chloride	**1620**	ug/L	250	250		06/12/15 08:16	75-01-4	
Xylene (Total)	ND	ug/L	500	250		06/12/15 08:16	1330-20-7	
m&p-Xylene	ND	ug/L	500	250		06/12/15 08:16	179601-23-1	
o-Xylene	ND	ug/L	250	250		06/12/15 08:16	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	93	%	70-130	250		06/12/15 08:16	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	250		06/12/15 08:16	17060-07-0	
Toluene-d8 (S)	98	%	70-130	250		06/12/15 08:16	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Sample: MW2 **Lab ID: 92253407002** Collected: 06/05/15 09:00 Received: 06/09/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	309-00-2	
alpha-BHC	**6.5**	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	319-84-6	
beta-BHC	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	319-85-7	
delta-BHC	**9.0**	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	319-86-8	
gamma-BHC (Lindane)	**2.3**	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	58-89-9	
Chlordane (Technical)	ND	ug/L	5.0	25	06/10/15 17:00	06/15/15 13:38	57-74-9	
4,4'-DDD	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	72-54-8	
4,4'-DDE	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	72-55-9	
4,4'-DDT	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	50-29-3	
Dieldrin	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	60-57-1	
Endosulfan I	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	959-98-8	
Endosulfan II	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	33213-65-9	
Endosulfan sulfate	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	1031-07-8	
Endrin	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	72-20-8	
Endrin aldehyde	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	7421-93-4	
Endrin ketone	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	53494-70-5	
Heptachlor	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	76-44-8	
Heptachlor epoxide	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	1024-57-3	
Hexachlorobenzene	ND	ug/L	1.2	25	06/10/15 17:00	06/15/15 13:38	118-74-1	
Methoxychlor	ND	ug/L	3.8	25	06/10/15 17:00	06/15/15 13:38	72-43-5	
Mirex	ND	ug/L	3.8	25	06/10/15 17:00	06/15/15 13:38	2385-85-5	
Toxaphene	ND	ug/L	5.0	25	06/10/15 17:00	06/15/15 13:38	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	25	06/10/15 17:00	06/15/15 13:38	877-09-8	S4
Decachlorobiphenyl (S)	0	%	20-130	25	06/10/15 17:00	06/15/15 13:38	2051-24-3	S4
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/12/15 05:28	67-64-1	
Benzene	**3.5**	ug/L	1.0	1		06/12/15 05:28	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/12/15 05:28	108-86-1	M1
Bromochloromethane	ND	ug/L	1.0	1		06/12/15 05:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/12/15 05:28	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/12/15 05:28	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/12/15 05:28	74-83-9	M1
2-Butanone (MEK)	ND	ug/L	5.0	1		06/12/15 05:28	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/12/15 05:28	56-23-5	
Chlorobenzene	**12.3**	ug/L	1.0	1		06/12/15 05:28	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/12/15 05:28	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/12/15 05:28	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/12/15 05:28	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/12/15 05:28	95-49-8	M1
4-Chlorotoluene	ND	ug/L	1.0	1		06/12/15 05:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/12/15 05:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/12/15 05:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/12/15 05:28	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/12/15 05:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/12/15 05:28	95-50-1	M1

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Sample: MW2 **Lab ID: 92253407002** Collected: 06/05/15 09:00 Received: 06/09/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/12/15 05:28	541-73-1	
1,4-Dichlorobenzene	**2.0**	ug/L	1.0	1		06/12/15 05:28	106-46-7	M1
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/12/15 05:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/12/15 05:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/12/15 05:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/12/15 05:28	75-35-4	
cis-1,2-Dichloroethene	**145**	ug/L	1.0	1		06/12/15 05:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/12/15 05:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/12/15 05:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/12/15 05:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/12/15 05:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/12/15 05:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/12/15 05:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/12/15 05:28	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/12/15 05:28	108-20-3	
Ethylbenzene	**2.3**	ug/L	1.0	1		06/12/15 05:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/12/15 05:28	87-68-3	M1
2-Hexanone	ND	ug/L	5.0	1		06/12/15 05:28	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/12/15 05:28	99-87-6	M1
Methylene Chloride	ND	ug/L	2.0	1		06/12/15 05:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/12/15 05:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/12/15 05:28	1634-04-4	
Naphthalene	**5.5**	ug/L	1.0	1		06/12/15 05:28	91-20-3	
Styrene	ND	ug/L	1.0	1		06/12/15 05:28	100-42-5	M1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/12/15 05:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/12/15 05:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/12/15 05:28	127-18-4	
Toluene	ND	ug/L	1.0	1		06/12/15 05:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/12/15 05:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/12/15 05:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/12/15 05:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/12/15 05:28	79-00-5	
Trichloroethene	**2.0**	ug/L	1.0	1		06/12/15 05:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/12/15 05:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/12/15 05:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/12/15 05:28	108-05-4	
Vinyl chloride	**120**	ug/L	1.0	1		06/12/15 05:28	75-01-4	M1
Xylene (Total)	**7.8**	ug/L	2.0	1		06/12/15 05:28	1330-20-7	
m&p-Xylene	**2.7**	ug/L	2.0	1		06/12/15 05:28	179601-23-1	
o-Xylene	**5.1**	ug/L	1.0	1		06/12/15 05:28	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		06/12/15 05:28	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		06/12/15 05:28	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		06/12/15 05:28	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Sample: MW3 **Lab ID: 92253407003** Collected: 06/05/15 10:10 Received: 06/09/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	319-84-6	
beta-BHC	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	319-85-7	
delta-BHC	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/10/15 17:00	06/13/15 02:12	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	50-29-3	
Dieldrin	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:12	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/10/15 17:00	06/13/15 02:12	72-43-5	
Mirex	ND	ug/L	0.15	1	06/10/15 17:00	06/13/15 02:12	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/10/15 17:00	06/13/15 02:12	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	69	%	20-130	1	06/10/15 17:00	06/13/15 02:12	877-09-8	
Decachlorobiphenyl (S)	82	%	20-130	1	06/10/15 17:00	06/13/15 02:12	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/12/15 05:44	67-64-1	
Benzene	ND	ug/L	1.0	1		06/12/15 05:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/12/15 05:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/12/15 05:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/12/15 05:44	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/12/15 05:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/12/15 05:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/12/15 05:44	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/12/15 05:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/12/15 05:44	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/12/15 05:44	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/12/15 05:44	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/12/15 05:44	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/12/15 05:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/12/15 05:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/12/15 05:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/12/15 05:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/12/15 05:44	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/12/15 05:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/12/15 05:44	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Sample: MW3 **Lab ID: 92253407003** Collected: 06/05/15 10:10 Received: 06/09/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/12/15 05:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/12/15 05:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/12/15 05:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/12/15 05:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/12/15 05:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/12/15 05:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		06/12/15 05:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/12/15 05:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/12/15 05:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/12/15 05:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/12/15 05:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/12/15 05:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/12/15 05:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/12/15 05:44	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/12/15 05:44	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/12/15 05:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/12/15 05:44	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/12/15 05:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/12/15 05:44	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/12/15 05:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/12/15 05:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/12/15 05:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/12/15 05:44	91-20-3	
Styrene	ND	ug/L	1.0	1		06/12/15 05:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/12/15 05:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/12/15 05:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/12/15 05:44	127-18-4	
Toluene	**1.0**	ug/L	1.0	1		06/12/15 05:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/12/15 05:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/12/15 05:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/12/15 05:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/12/15 05:44	79-00-5	
Trichloroethene	**1.6**	ug/L	1.0	1		06/12/15 05:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/12/15 05:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/12/15 05:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/12/15 05:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/12/15 05:44	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/12/15 05:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/12/15 05:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/12/15 05:44	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	93	%	70-130	1		06/12/15 05:44	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		06/12/15 05:44	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		06/12/15 05:44	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Sample: MW17 **Lab ID: 92253407004** Collected: 06/05/15 11:10 Received: 06/09/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	309-00-2	
alpha-BHC	**0.41**	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	319-84-6	
beta-BHC	**0.75**	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	319-85-7	
delta-BHC	**0.52**	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	319-86-8	
gamma-BHC (Lindane)	**0.066**	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/10/15 17:00	06/13/15 02:30	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	50-29-3	
Dieldrin	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	7421-93-4	
Endrin ketone	**0.29**	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/10/15 17:00	06/13/15 02:30	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/10/15 17:00	06/13/15 02:30	72-43-5	
Mirex	ND	ug/L	0.15	1	06/10/15 17:00	06/13/15 02:30	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/10/15 17:00	06/13/15 02:30	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	96	%	20-130	1	06/10/15 17:00	06/13/15 02:30	877-09-8	
Decachlorobiphenyl (S)	76	%	20-130	1	06/10/15 17:00	06/13/15 02:30	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	500	20		06/12/15 08:33	67-64-1	
Benzene	ND	ug/L	20.0	20		06/12/15 08:33	71-43-2	
Bromobenzene	ND	ug/L	20.0	20		06/12/15 08:33	108-86-1	
Bromochloromethane	ND	ug/L	20.0	20		06/12/15 08:33	74-97-5	
Bromodichloromethane	ND	ug/L	20.0	20		06/12/15 08:33	75-27-4	
Bromoform	ND	ug/L	20.0	20		06/12/15 08:33	75-25-2	
Bromomethane	ND	ug/L	40.0	20		06/12/15 08:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	20		06/12/15 08:33	78-93-3	
Carbon tetrachloride	ND	ug/L	20.0	20		06/12/15 08:33	56-23-5	
Chlorobenzene	ND	ug/L	20.0	20		06/12/15 08:33	108-90-7	
Chloroethane	ND	ug/L	20.0	20		06/12/15 08:33	75-00-3	
Chloroform	ND	ug/L	20.0	20		06/12/15 08:33	67-66-3	
Chloromethane	ND	ug/L	20.0	20		06/12/15 08:33	74-87-3	
2-Chlorotoluene	ND	ug/L	20.0	20		06/12/15 08:33	95-49-8	
4-Chlorotoluene	ND	ug/L	20.0	20		06/12/15 08:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	40.0	20		06/12/15 08:33	96-12-8	
Dibromochloromethane	ND	ug/L	20.0	20		06/12/15 08:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	20.0	20		06/12/15 08:33	106-93-4	
Dibromomethane	ND	ug/L	20.0	20		06/12/15 08:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	20.0	20		06/12/15 08:33	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Sample: MW17 **Lab ID: 92253407004** Collected: 06/05/15 11:10 Received: 06/09/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	20.0	20		06/12/15 08:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	20.0	20		06/12/15 08:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	20.0	20		06/12/15 08:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	20.0	20		06/12/15 08:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	20.0	20		06/12/15 08:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	20.0	20		06/12/15 08:33	75-35-4	
cis-1,2-Dichloroethene	**1010**	ug/L	20.0	20		06/12/15 08:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	20.0	20		06/12/15 08:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	20.0	20		06/12/15 08:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	20.0	20		06/12/15 08:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	20.0	20		06/12/15 08:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	20.0	20		06/12/15 08:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	20.0	20		06/12/15 08:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	20.0	20		06/12/15 08:33	10061-02-6	
Diisopropyl ether	ND	ug/L	20.0	20		06/12/15 08:33	108-20-3	
Ethylbenzene	ND	ug/L	20.0	20		06/12/15 08:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	20		06/12/15 08:33	87-68-3	
2-Hexanone	ND	ug/L	100	20		06/12/15 08:33	591-78-6	
p-Isopropyltoluene	ND	ug/L	20.0	20		06/12/15 08:33	99-87-6	
Methylene Chloride	**53.5**	ug/L	40.0	20		06/12/15 08:33	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	20		06/12/15 08:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	20		06/12/15 08:33	1634-04-4	
Naphthalene	ND	ug/L	20.0	20		06/12/15 08:33	91-20-3	
Styrene	ND	ug/L	20.0	20		06/12/15 08:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	20.0	20		06/12/15 08:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	20.0	20		06/12/15 08:33	79-34-5	
Tetrachloroethene	ND	ug/L	20.0	20		06/12/15 08:33	127-18-4	
Toluene	ND	ug/L	20.0	20		06/12/15 08:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	20.0	20		06/12/15 08:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	20.0	20		06/12/15 08:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	20.0	20		06/12/15 08:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	20.0	20		06/12/15 08:33	79-00-5	
Trichloroethene	**976**	ug/L	20.0	20		06/12/15 08:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	20.0	20		06/12/15 08:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	20.0	20		06/12/15 08:33	96-18-4	
Vinyl acetate	ND	ug/L	40.0	20		06/12/15 08:33	108-05-4	
Vinyl chloride	**22.6**	ug/L	20.0	20		06/12/15 08:33	75-01-4	
Xylene (Total)	ND	ug/L	40.0	20		06/12/15 08:33	1330-20-7	
m&p-Xylene	ND	ug/L	40.0	20		06/12/15 08:33	179601-23-1	
o-Xylene	ND	ug/L	20.0	20		06/12/15 08:33	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	93	%	70-130	20		06/12/15 08:33	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	20		06/12/15 08:33	17060-07-0	
Toluene-d8 (S)	98	%	70-130	20		06/12/15 08:33	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Sample: MW16 **Lab ID: 92253407005** Collected: 06/05/15 11:55 Received: 06/09/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	309-00-2	
alpha-BHC	ND	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	319-84-6	
beta-BHC	**1.9**	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	319-85-7	
delta-BHC	**5.4**	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	58-89-9	
Chlordane (Technical)	ND	ug/L	4.0	20	06/10/15 17:00	06/15/15 13:56	57-74-9	
4,4'-DDD	**1.4**	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	72-54-8	
4,4'-DDE	**1.0**	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	72-55-9	
4,4'-DDT	ND	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	50-29-3	
Dieldrin	ND	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	60-57-1	
Endosulfan I	ND	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	959-98-8	
Endosulfan II	ND	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	33213-65-9	
Endosulfan sulfate	ND	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	1031-07-8	
Endrin	ND	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	72-20-8	
Endrin aldehyde	ND	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	7421-93-4	
Endrin ketone	ND	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	53494-70-5	
Heptachlor	ND	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	76-44-8	
Heptachlor epoxide	ND	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	1024-57-3	
Hexachlorobenzene	ND	ug/L	1.0	20	06/10/15 17:00	06/15/15 13:56	118-74-1	
Methoxychlor	ND	ug/L	3.0	20	06/10/15 17:00	06/15/15 13:56	72-43-5	
Mirex	ND	ug/L	3.0	20	06/10/15 17:00	06/15/15 13:56	2385-85-5	
Toxaphene	ND	ug/L	4.0	20	06/10/15 17:00	06/15/15 13:56	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	0	%	20-130	20	06/10/15 17:00	06/15/15 13:56	877-09-8	S4
Decachlorobiphenyl (S)	0	%	20-130	20	06/10/15 17:00	06/15/15 13:56	2051-24-3	S4
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/12/15 06:01	67-64-1	
Benzene	**3.2**	ug/L	1.0	1		06/12/15 06:01	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/12/15 06:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/12/15 06:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/12/15 06:01	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/12/15 06:01	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/12/15 06:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/12/15 06:01	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/12/15 06:01	56-23-5	
Chlorobenzene	**11.7**	ug/L	1.0	1		06/12/15 06:01	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/12/15 06:01	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/12/15 06:01	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/12/15 06:01	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/12/15 06:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/12/15 06:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/12/15 06:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/12/15 06:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/12/15 06:01	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/12/15 06:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/12/15 06:01	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Sample: MW16 **Lab ID: 92253407005** Collected: 06/05/15 11:55 Received: 06/09/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/12/15 06:01	541-73-1	
1,4-Dichlorobenzene	**2.2**	ug/L	1.0	1		06/12/15 06:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/12/15 06:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/12/15 06:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/12/15 06:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/12/15 06:01	75-35-4	
cis-1,2-Dichloroethene	**2.5**	ug/L	1.0	1		06/12/15 06:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/12/15 06:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/12/15 06:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/12/15 06:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/12/15 06:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/12/15 06:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/12/15 06:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/12/15 06:01	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/12/15 06:01	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/12/15 06:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/12/15 06:01	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/12/15 06:01	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/12/15 06:01	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/12/15 06:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/12/15 06:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/12/15 06:01	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/12/15 06:01	91-20-3	
Styrene	ND	ug/L	1.0	1		06/12/15 06:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/12/15 06:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/12/15 06:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/12/15 06:01	127-18-4	
Toluene	ND	ug/L	1.0	1		06/12/15 06:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/12/15 06:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/12/15 06:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/12/15 06:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/12/15 06:01	79-00-5	
Trichloroethene	**5.6**	ug/L	1.0	1		06/12/15 06:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/12/15 06:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/12/15 06:01	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/12/15 06:01	108-05-4	
Vinyl chloride	**6.6**	ug/L	1.0	1		06/12/15 06:01	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/12/15 06:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/12/15 06:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/12/15 06:01	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		06/12/15 06:01	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		06/12/15 06:01	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		06/12/15 06:01	2037-26-5	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Sample: MW9 **Lab ID: 92253407006** Collected: 06/05/15 13:30 Received: 06/09/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	319-84-6	
beta-BHC	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	319-85-7	
delta-BHC	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	06/12/15 13:45	06/15/15 20:07	57-74-9	
4,4'-DDD	**0.088**	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	50-29-3	
Dieldrin	**0.16**	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	1031-07-8	
Endrin	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	06/12/15 13:45	06/15/15 20:07	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	06/12/15 13:45	06/15/15 20:07	72-43-5	
Mirex	ND	ug/L	0.15	1	06/12/15 13:45	06/15/15 20:07	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	06/12/15 13:45	06/15/15 20:07	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	69	%	20-130	1	06/12/15 13:45	06/15/15 20:07	877-09-8	
Decachlorobiphenyl (S)	104	%	20-130	1	06/12/15 13:45	06/15/15 20:07	2051-24-3	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		06/12/15 06:18	67-64-1	
Benzene	ND	ug/L	1.0	1		06/12/15 06:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		06/12/15 06:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		06/12/15 06:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		06/12/15 06:18	75-27-4	
Bromoform	ND	ug/L	1.0	1		06/12/15 06:18	75-25-2	
Bromomethane	ND	ug/L	2.0	1		06/12/15 06:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		06/12/15 06:18	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		06/12/15 06:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		06/12/15 06:18	108-90-7	
Chloroethane	ND	ug/L	1.0	1		06/12/15 06:18	75-00-3	
Chloroform	ND	ug/L	1.0	1		06/12/15 06:18	67-66-3	
Chloromethane	ND	ug/L	1.0	1		06/12/15 06:18	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		06/12/15 06:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		06/12/15 06:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		06/12/15 06:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		06/12/15 06:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		06/12/15 06:18	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		06/12/15 06:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		06/12/15 06:18	95-50-1	

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ANALYTICAL RESULTS

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Sample: MW9 **Lab ID: 92253407006** Collected: 06/05/15 13:30 Received: 06/09/15 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/L	1.0	1		06/12/15 06:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		06/12/15 06:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		06/12/15 06:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		06/12/15 06:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		06/12/15 06:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		06/12/15 06:18	75-35-4	
cis-1,2-Dichloroethene	**2.8**	ug/L	1.0	1		06/12/15 06:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		06/12/15 06:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		06/12/15 06:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		06/12/15 06:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		06/12/15 06:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		06/12/15 06:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		06/12/15 06:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		06/12/15 06:18	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		06/12/15 06:18	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		06/12/15 06:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		06/12/15 06:18	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		06/12/15 06:18	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		06/12/15 06:18	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		06/12/15 06:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		06/12/15 06:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/12/15 06:18	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		06/12/15 06:18	91-20-3	
Styrene	ND	ug/L	1.0	1		06/12/15 06:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		06/12/15 06:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		06/12/15 06:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		06/12/15 06:18	127-18-4	
Toluene	ND	ug/L	1.0	1		06/12/15 06:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		06/12/15 06:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		06/12/15 06:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		06/12/15 06:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		06/12/15 06:18	79-00-5	
Trichloroethene	**8.5**	ug/L	1.0	1		06/12/15 06:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		06/12/15 06:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		06/12/15 06:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		06/12/15 06:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		06/12/15 06:18	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		06/12/15 06:18	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		06/12/15 06:18	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		06/12/15 06:18	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	94	%	70-130	1		06/12/15 06:18	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		06/12/15 06:18	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		06/12/15 06:18	2037-26-5	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253407

QC Batch: MSV/32103 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92253407001, 92253407002, 92253407003, 92253407004, 92253407005, 92253407006

METHOD BLANK: 1482710 Matrix: Water
Associated Lab Samples: 92253407001, 92253407002, 92253407003, 92253407004, 92253407005, 92253407006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/12/15 04:03	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/12/15 04:03	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/12/15 04:03	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/12/15 04:03	
1,1-Dichloroethane	ug/L	ND	1.0	06/12/15 04:03	
1,1-Dichloroethene	ug/L	ND	1.0	06/12/15 04:03	
1,1-Dichloropropene	ug/L	ND	1.0	06/12/15 04:03	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/12/15 04:03	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/12/15 04:03	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/12/15 04:03	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	06/12/15 04:03	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/12/15 04:03	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/12/15 04:03	
1,2-Dichloroethane	ug/L	ND	1.0	06/12/15 04:03	
1,2-Dichloropropane	ug/L	ND	1.0	06/12/15 04:03	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/12/15 04:03	
1,3-Dichloropropane	ug/L	ND	1.0	06/12/15 04:03	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/12/15 04:03	
2,2-Dichloropropane	ug/L	ND	1.0	06/12/15 04:03	
2-Butanone (MEK)	ug/L	ND	5.0	06/12/15 04:03	
2-Chlorotoluene	ug/L	ND	1.0	06/12/15 04:03	
2-Hexanone	ug/L	ND	5.0	06/12/15 04:03	
4-Chlorotoluene	ug/L	ND	1.0	06/12/15 04:03	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/12/15 04:03	
Acetone	ug/L	ND	25.0	06/12/15 04:03	
Benzene	ug/L	ND	1.0	06/12/15 04:03	
Bromobenzene	ug/L	ND	1.0	06/12/15 04:03	
Bromochloromethane	ug/L	ND	1.0	06/12/15 04:03	
Bromodichloromethane	ug/L	ND	1.0	06/12/15 04:03	
Bromoform	ug/L	ND	1.0	06/12/15 04:03	
Bromomethane	ug/L	ND	2.0	06/12/15 04:03	
Carbon tetrachloride	ug/L	ND	1.0	06/12/15 04:03	
Chlorobenzene	ug/L	ND	1.0	06/12/15 04:03	
Chloroethane	ug/L	ND	1.0	06/12/15 04:03	
Chloroform	ug/L	ND	1.0	06/12/15 04:03	
Chloromethane	ug/L	ND	1.0	06/12/15 04:03	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/12/15 04:03	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/12/15 04:03	
Dibromochloromethane	ug/L	ND	1.0	06/12/15 04:03	
Dibromomethane	ug/L	ND	1.0	06/12/15 04:03	
Dichlorodifluoromethane	ug/L	ND	1.0	06/12/15 04:03	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253407

METHOD BLANK: 1482710 Matrix: Water
Associated Lab Samples: 92253407001, 92253407002, 92253407003, 92253407004, 92253407005, 92253407006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	06/12/15 04:03	
Ethylbenzene	ug/L	ND	1.0	06/12/15 04:03	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/12/15 04:03	
m&p-Xylene	ug/L	ND	2.0	06/12/15 04:03	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/12/15 04:03	
Methylene Chloride	ug/L	ND	2.0	06/12/15 04:03	
Naphthalene	ug/L	ND	1.0	06/12/15 04:03	
o-Xylene	ug/L	ND	1.0	06/12/15 04:03	
p-Isopropyltoluene	ug/L	ND	1.0	06/12/15 04:03	
Styrene	ug/L	ND	1.0	06/12/15 04:03	
Tetrachloroethene	ug/L	ND	1.0	06/12/15 04:03	
Toluene	ug/L	ND	1.0	06/12/15 04:03	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/12/15 04:03	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/12/15 04:03	
Trichloroethene	ug/L	ND	1.0	06/12/15 04:03	
Trichlorofluoromethane	ug/L	ND	1.0	06/12/15 04:03	
Vinyl acetate	ug/L	ND	2.0	06/12/15 04:03	
Vinyl chloride	ug/L	ND	1.0	06/12/15 04:03	
Xylene (Total)	ug/L	ND	2.0	06/12/15 04:03	
1,2-Dichloroethane-d4 (S)	%	100	70-130	06/12/15 04:03	
4-Bromofluorobenzene (S)	%	97	70-130	06/12/15 04:03	
Toluene-d8 (S)	%	99	70-130	06/12/15 04:03	

LABORATORY CONTROL SAMPLE: 1482711

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.8	112	70-130	
1,1,1-Trichloroethane	ug/L	50	47.4	95	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	56.6	113	70-130	
1,1,2-Trichloroethane	ug/L	50	53.2	106	70-130	
1,1-Dichloroethane	ug/L	50	50.9	102	70-130	
1,1-Dichloroethene	ug/L	50	50.3	101	70-132	
1,1-Dichloropropene	ug/L	50	54.2	108	70-130	
1,2,3-Trichlorobenzene	ug/L	50	54.4	109	70-135	
1,2,3-Trichloropropane	ug/L	50	55.6	111	70-130	
1,2,4-Trichlorobenzene	ug/L	50	58.4	117	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	61.1	122	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	57.1	114	70-130	
1,2-Dichlorobenzene	ug/L	50	62.7	125	70-130	
1,2-Dichloroethane	ug/L	50	49.7	99	70-130	
1,2-Dichloropropane	ug/L	50	53.1	106	70-130	
1,3-Dichlorobenzene	ug/L	50	60.5	121	70-130	
1,3-Dichloropropane	ug/L	50	58.8	118	70-130	
1,4-Dichlorobenzene	ug/L	50	62.2	124	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253407

LABORATORY CONTROL SAMPLE: 1482711

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2-Dichloropropane	ug/L	50	44.6	89	58-145	
2-Butanone (MEK)	ug/L	100	108	108	70-145	
2-Chlorotoluene	ug/L	50	61.8	124	70-130	
2-Hexanone	ug/L	100	124	124	70-144	
4-Chlorotoluene	ug/L	50	61.7	123	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	110	110	70-140	
Acetone	ug/L	100	112	112	50-175	
Benzene	ug/L	50	53.5	107	70-130	
Bromobenzene	ug/L	50	61.0	122	70-130	
Bromochloromethane	ug/L	50	51.0	102	70-130	
Bromodichloromethane	ug/L	50	47.6	95	70-130	
Bromoform	ug/L	50	41.4	83	70-130	
Bromomethane	ug/L	50	57.7	115	54-130	
Carbon tetrachloride	ug/L	50	47.4	95	70-132	
Chlorobenzene	ug/L	50	58.2	116	70-130	
Chloroethane	ug/L	50	46.7	93	64-134	
Chloroform	ug/L	50	45.8	92	70-130	
Chloromethane	ug/L	50	57.7	115	64-130	
cis-1,2-Dichloroethene	ug/L	50	51.8	104	70-131	
cis-1,3-Dichloropropene	ug/L	50	49.9	100	70-130	
Dibromochloromethane	ug/L	50	49.6	99	70-130	
Dibromomethane	ug/L	50	50.4	101	70-131	
Dichlorodifluoromethane	ug/L	50	52.2	104	56-130	
Diisopropyl ether	ug/L	50	54.0	108	70-130	
Ethylbenzene	ug/L	50	55.4	111	70-130	
Hexachloro-1,3-butadiene	ug/L	50	45.8	92	70-130	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	47.6	95	70-130	
Methylene Chloride	ug/L	50	63.9	128	63-130	
Naphthalene	ug/L	50	58.1	116	70-138	
o-Xylene	ug/L	50	55.6	111	70-130	
p-Isopropyltoluene	ug/L	50	59.7	119	70-130	
Styrene	ug/L	50	60.3	121	70-130	
Tetrachloroethene	ug/L	50	53.4	107	70-130	
Toluene	ug/L	50	51.5	103	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.5	101	70-130	
trans-1,3-Dichloropropene	ug/L	50	51.1	102	70-132	
Trichloroethene	ug/L	50	50.0	100	70-130	
Trichlorofluoromethane	ug/L	50	47.6	95	62-133	
Vinyl acetate	ug/L	100	110	110	66-157	
Vinyl chloride	ug/L	50	53.6	107	50-150	
Xylene (Total)	ug/L	150	166	111	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253407

MATRIX SPIKE SAMPLE: 1482712

Parameter	Units	92253407002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	23.7	118	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	21.8	109	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	23.7	119	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	21.7	109	70-130	
1,1-Dichloroethane	ug/L	ND	20	22.5	112	70-130	
1,1-Dichloroethene	ug/L	ND	20	23.6	117	70-166	
1,1-Dichloropropene	ug/L	ND	20	25.7	128	70-130	
1,2,3-Trichlorobenzene	ug/L	ND	20	24.1	120	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	23.4	117	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	25.8	129	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	23.9	120	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	24.4	122	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	27.2	136	70-130	M1
1,2-Dichloroethane	ug/L	ND	20	21.2	106	70-130	
1,2-Dichloropropane	ug/L	ND	20	22.4	112	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	25.7	128	70-130	
1,3-Dichloropropane	ug/L	ND	20	24.5	123	70-130	
1,4-Dichlorobenzene	ug/L	2.0	20	28.5	133	70-130	M1
2,2-Dichloropropane	ug/L	ND	20	23.0	115	70-130	
2-Butanone (MEK)	ug/L	ND	40	44.6	112	70-130	
2-Chlorotoluene	ug/L	ND	20	26.4	132	70-130	M1
2-Hexanone	ug/L	ND	40	49.0	123	70-130	
4-Chlorotoluene	ug/L	ND	20	26.0	130	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	45.0	112	70-130	
Acetone	ug/L	ND	40	44.5	103	70-130	
Benzene	ug/L	3.5	20	27.6	120	70-148	
Bromobenzene	ug/L	ND	20	26.4	132	70-130	M1
Bromochloromethane	ug/L	ND	20	21.9	109	70-130	
Bromodichloromethane	ug/L	ND	20	20.7	103	70-130	
Bromoform	ug/L	ND	20	20.0	100	70-130	
Bromomethane	ug/L	ND	20	27.1	135	70-130	M1
Carbon tetrachloride	ug/L	ND	20	23.8	119	70-130	
Chlorobenzene	ug/L	12.3	20	37.2	125	70-146	
Chloroethane	ug/L	ND	20	22.9	114	70-130	
Chloroform	ug/L	ND	20	20.0	100	70-130	
Chloromethane	ug/L	ND	20	23.7	118	70-130	
cis-1,2-Dichloroethene	ug/L	145	20	163	89	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	21.6	108	70-130	
Dibromochloromethane	ug/L	ND	20	21.4	107	70-130	
Dibromomethane	ug/L	ND	20	22.1	110	70-130	
Dichlorodifluoromethane	ug/L	ND	20	22.2	111	70-130	
Diisopropyl ether	ug/L	ND	20	22.7	114	70-130	
Ethylbenzene	ug/L	2.3	20	27.5	126	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	26.3	132	70-130	M1
m&p-Xylene	ug/L	2.7	40	52.3	124	70-130	
Methyl-tert-butyl ether	ug/L	ND	20	20.8	104	70-130	
Methylene Chloride	ug/L	ND	20	24.5	123	70-130	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253407

MATRIX SPIKE SAMPLE: 1482712

Parameter	Units	92253407002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	5.5	20	30.4	125	70-130	
o-Xylene	ug/L	5.1	20	29.9	124	70-130	
p-Isopropyltoluene	ug/L	ND	20	29.4	147	70-130	M1
Styrene	ug/L	ND	20	26.2	131	70-130	M1
Tetrachloroethene	ug/L	ND	20	25.2	126	70-130	
Toluene	ug/L	ND	20	23.2	114	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	23.4	113	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	22.4	112	70-130	
Trichloroethene	ug/L	2.0	20	24.5	112	69-151	
Trichlorofluoromethane	ug/L	ND	20	22.6	113	70-130	
Vinyl acetate	ug/L	ND	40	46.2	116	70-130	
Vinyl chloride	ug/L	120	20	147	135	70-130	M1
1,2-Dichloroethane-d4 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				98	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 1482713

Parameter	Units	92253407003 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		
1,1,1-Trichloroethane	ug/L	ND	ND		
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		
1,1,2-Trichloroethane	ug/L	ND	ND		
1,1-Dichloroethane	ug/L	ND	ND		
1,1-Dichloroethene	ug/L	ND	ND		
1,1-Dichloropropene	ug/L	ND	ND		
1,2,3-Trichlorobenzene	ug/L	ND	ND		
1,2,3-Trichloropropane	ug/L	ND	ND		
1,2,4-Trichlorobenzene	ug/L	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
1,2-Dichlorobenzene	ug/L	ND	ND		
1,2-Dichloroethane	ug/L	ND	ND		
1,2-Dichloropropane	ug/L	ND	ND		
1,3-Dichlorobenzene	ug/L	ND	ND		
1,3-Dichloropropane	ug/L	ND	ND		
1,4-Dichlorobenzene	ug/L	ND	ND		
2,2-Dichloropropane	ug/L	ND	ND		
2-Butanone (MEK)	ug/L	ND	ND		
2-Chlorotoluene	ug/L	ND	ND		
2-Hexanone	ug/L	ND	ND		
4-Chlorotoluene	ug/L	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		
Acetone	ug/L	ND	ND		
Benzene	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253407

SAMPLE DUPLICATE: 1482713

Parameter	Units	92253407003 Result	Dup Result	RPD	Qualifiers
Bromobenzene	ug/L	ND	ND		
Bromochloromethane	ug/L	ND	ND		
Bromodichloromethane	ug/L	ND	ND		
Bromoform	ug/L	ND	ND		
Bromomethane	ug/L	ND	ND		
Carbon tetrachloride	ug/L	ND	ND		
Chlorobenzene	ug/L	ND	ND		
Chloroethane	ug/L	ND	ND		
Chloroform	ug/L	ND	ND		
Chloromethane	ug/L	ND	.21J		
cis-1,2-Dichloroethene	ug/L	ND	.29J		
cis-1,3-Dichloropropene	ug/L	ND	ND		
Dibromochloromethane	ug/L	ND	ND		
Dibromomethane	ug/L	ND	ND		
Dichlorodifluoromethane	ug/L	ND	ND		
Diisopropyl ether	ug/L	ND	ND		
Ethylbenzene	ug/L	ND	ND		
Hexachloro-1,3-butadiene	ug/L	ND	ND		
m&p-Xylene	ug/L	ND	ND		
Methyl-tert-butyl ether	ug/L	ND	ND		
Methylene Chloride	ug/L	ND	ND		
Naphthalene	ug/L	ND	ND		
o-Xylene	ug/L	ND	ND		
p-Isopropyltoluene	ug/L	ND	ND		
Styrene	ug/L	ND	ND		
Tetrachloroethene	ug/L	ND	ND		
Toluene	ug/L	1.0	1.0	3	
trans-1,2-Dichloroethene	ug/L	ND	ND		
trans-1,3-Dichloropropene	ug/L	ND	ND		
Trichloroethene	ug/L	1.6	1.6	3	
Trichlorofluoromethane	ug/L	ND	ND		
Vinyl acetate	ug/L	ND	ND		
Vinyl chloride	ug/L	ND	ND		
Xylene (Total)	ug/L	ND	ND		
1,2-Dichloroethane-d4 (S)	%	100	101	2	
4-Bromofluorobenzene (S)	%	93	98	5	
Toluene-d8 (S)	%	99	101	1	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253407

QC Batch: OEXT/35670 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92253407001, 92253407002, 92253407003, 92253407004, 92253407005

METHOD BLANK: 1481159 Matrix: Water
Associated Lab Samples: 92253407001, 92253407002, 92253407003, 92253407004, 92253407005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	06/12/15 18:13	
4,4'-DDE	ug/L	ND	0.050	06/12/15 18:13	
4,4'-DDT	ug/L	ND	0.050	06/12/15 18:13	
Aldrin	ug/L	ND	0.050	06/12/15 18:13	
alpha-BHC	ug/L	ND	0.050	06/12/15 18:13	
beta-BHC	ug/L	ND	0.050	06/12/15 18:13	
Chlordane (Technical)	ug/L	ND	0.20	06/12/15 18:13	
delta-BHC	ug/L	ND	0.050	06/12/15 18:13	
Dieldrin	ug/L	ND	0.050	06/12/15 18:13	
Endosulfan I	ug/L	ND	0.050	06/12/15 18:13	
Endosulfan II	ug/L	ND	0.050	06/12/15 18:13	
Endosulfan sulfate	ug/L	ND	0.050	06/12/15 18:13	
Endrin	ug/L	ND	0.050	06/12/15 18:13	
Endrin aldehyde	ug/L	ND	0.050	06/12/15 18:13	
Endrin ketone	ug/L	ND	0.050	06/12/15 18:13	
gamma-BHC (Lindane)	ug/L	ND	0.050	06/12/15 18:13	
Heptachlor	ug/L	ND	0.050	06/12/15 18:13	
Heptachlor epoxide	ug/L	ND	0.050	06/12/15 18:13	
Hexachlorobenzene	ug/L	ND	0.050	06/12/15 18:13	
Methoxychlor	ug/L	ND	0.15	06/12/15 18:13	
Mirex	ug/L	ND	0.15	06/12/15 18:13	
Toxaphene	ug/L	ND	0.20	06/12/15 18:13	
Decachlorobiphenyl (S)	%	92	20-130	06/12/15 18:13	
Tetrachloro-m-xylene (S)	%	90	20-130	06/12/15 18:13	

LABORATORY CONTROL SAMPLE: 1481160

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.23	94	20-150	
4,4'-DDE	ug/L	.25	0.23	92	20-150	
4,4'-DDT	ug/L	.25	0.23	95	20-150	
Aldrin	ug/L	.25	0.22	90	20-150	
alpha-BHC	ug/L	.25	0.24	95	20-150	
beta-BHC	ug/L	.25	0.24	96	20-150	
delta-BHC	ug/L	.25	0.24	98	20-150	
Dieldrin	ug/L	.25	0.24	95	20-150	
Endosulfan I	ug/L	.25	0.23	94	20-150	
Endosulfan II	ug/L	.25	0.24	96	20-150	
Endosulfan sulfate	ug/L	.25	0.23	91	20-150	
Endrin	ug/L	.25	0.23	92	20-150	

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(704)875-9092

QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253407

LABORATORY CONTROL SAMPLE: 1481160

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin aldehyde	ug/L	.25	0.17	71	20-150	
Endrin ketone	ug/L	.25	0.22	90	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.24	95	20-150	
Heptachlor	ug/L	.25	0.23	93	20-150	
Heptachlor epoxide	ug/L	.25	0.23	94	20-150	
Hexachlorobenzene	ug/L	.25	0.21	86	20-150	
Methoxychlor	ug/L	.74	0.69	93	20-150	
Mirex	ug/L	.74	0.67	90	20-150	
Decachlorobiphenyl (S)	%			93	20-130	
Tetrachloro-m-xylene (S)	%			102	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1481161 1481162

Parameter	Units	92253199010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4,4'-DDD	ug/L	1.5	.5	.5	2.2	2.0	147	115	20-150	7	M3
4,4'-DDE	ug/L	ND	.5	.5	1.4	1.3	274	259	20-150	6	M1
4,4'-DDT	ug/L	ND	.5	.5	1.2	1.1	236	216	20-150	9	M1
Aldrin	ug/L	ND	.5	.5	0.70	0.63	141	128	20-150	10	
alpha-BHC	ug/L	ND	.5	.5	0.94	0.90	189	183	20-150	3	M1
beta-BHC	ug/L	1.4	.5	.5	2.0	1.8	111	86	20-150	6	M3
delta-BHC	ug/L	1.0	.5	.5	1.2	1.2	42	40	20-150	1	
Dieldrin	ug/L	7.9	.5	.5	9.0	8.5	215	113	20-150	6	M3
Endosulfan I	ug/L	ND	.5	.5	0.58	0.55	116	111	20-150	4	
Endosulfan II	ug/L	2.8	.5	.5	3.2	3.0	92	51	20-150	7	M3
Endosulfan sulfate	ug/L	ND	.5	.5	0.54	0.52	109	105	20-150	4	
Endrin	ug/L	5.8	.5	.5	7.2	6.8	276	204	20-150	5	M3
Endrin aldehyde	ug/L	ND	.5	.5	2.1	1.9	430	392	20-150	9	M3
Endrin ketone	ug/L	6.2	.5	.5	7.3	6.7	227	113	20-150	8	M3
gamma-BHC (Lindane)	ug/L	ND	.5	.5	1.1	1.0	220	208	20-150	6	M1
Heptachlor	ug/L	ND	.5	.5	0.62	0.63	125	128	20-150	3	
Heptachlor epoxide	ug/L	ND	.5	.5	1.8	1.8	373	358	20-150	4	M3
Hexachlorobenzene	ug/L	ND	.5	.5	0.38	0.39	76	79	20-150	4	
Methoxychlor	ug/L	ND	1.5	1.5	1.8	1.7	122	114	20-150	7	
Mirex	ug/L	ND	1.5	1.5	1.6	1.4	108	97	20-150	11	
Decachlorobiphenyl (S)	%						98	93	20-130		
Tetrachloro-m-xylene (S)	%						94	85	20-130		

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(704)875-9092

QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253407

QC Batch: OEXT/35738
QC Batch Method: EPA 3510
Analysis Method: EPA 8081
Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92253407006

METHOD BLANK: 1483703
Matrix: Water
Associated Lab Samples: 92253407006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	06/15/15 22:34	
4,4'-DDE	ug/L	ND	0.050	06/15/15 22:34	
4,4'-DDT	ug/L	ND	0.050	06/15/15 22:34	
Aldrin	ug/L	ND	0.050	06/15/15 22:34	
alpha-BHC	ug/L	ND	0.050	06/15/15 22:34	
beta-BHC	ug/L	ND	0.050	06/15/15 22:34	
Chlordane (Technical)	ug/L	ND	0.20	06/15/15 22:34	
delta-BHC	ug/L	ND	0.050	06/15/15 22:34	
Dieldrin	ug/L	ND	0.050	06/15/15 22:34	
Endosulfan I	ug/L	ND	0.050	06/15/15 22:34	
Endosulfan II	ug/L	ND	0.050	06/15/15 22:34	
Endosulfan sulfate	ug/L	ND	0.050	06/15/15 22:34	
Endrin	ug/L	ND	0.050	06/15/15 22:34	
Endrin aldehyde	ug/L	ND	0.050	06/15/15 22:34	
Endrin ketone	ug/L	ND	0.050	06/15/15 22:34	
gamma-BHC (Lindane)	ug/L	ND	0.050	06/15/15 22:34	
Heptachlor	ug/L	ND	0.050	06/15/15 22:34	
Heptachlor epoxide	ug/L	ND	0.050	06/15/15 22:34	
Hexachlorobenzene	ug/L	ND	0.050	06/15/15 22:34	
Methoxychlor	ug/L	ND	0.15	06/15/15 22:34	
Mirex	ug/L	ND	0.15	06/15/15 22:34	
Toxaphene	ug/L	ND	0.20	06/15/15 22:34	
Decachlorobiphenyl (S)	%	95	20-130	06/15/15 22:34	
Tetrachloro-m-xylene (S)	%	91	20-130	06/15/15 22:34	

LABORATORY CONTROL SAMPLE: 1483704

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.25	101	20-150	
4,4'-DDE	ug/L	.25	0.24	97	20-150	
4,4'-DDT	ug/L	.25	0.25	100	20-150	
Aldrin	ug/L	.25	0.23	94	20-150	
alpha-BHC	ug/L	.25	0.25	100	20-150	
beta-BHC	ug/L	.25	0.26	105	20-150	
delta-BHC	ug/L	.25	0.26	106	20-150	
Dieldrin	ug/L	.25	0.25	101	20-150	
Endosulfan I	ug/L	.25	0.25	100	20-150	
Endosulfan II	ug/L	.25	0.26	104	20-150	
Endosulfan sulfate	ug/L	.25	0.25	100	20-150	
Endrin	ug/L	.25	0.25	103	20-150	

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QUALITY CONTROL DATA

Project: LEGION INDUSTRY
Pace Project No.: 92253407

LABORATORY CONTROL SAMPLE: 1483704

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin aldehyde	ug/L	.25	0.19	79	20-150	
Endrin ketone	ug/L	.25	0.24	97	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.25	103	20-150	
Heptachlor	ug/L	.25	0.24	97	20-150	
Heptachlor epoxide	ug/L	.25	0.25	100	20-150	
Hexachlorobenzene	ug/L	.25	0.22	90	20-150	
Methoxychlor	ug/L	.74	0.72	96	20-150	
Mirex	ug/L	.74	0.72	98	20-150	
Decachlorobiphenyl (S)	%			96	20-130	
Tetrachloro-m-xylene (S)	%			103	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1483705 1483706

Parameter	Units	92253405005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4,4'-DDD	ug/L	ND	.5	.5	0.50	0.47	102	94	20-150	8	
4,4'-DDE	ug/L	ND	.5	.5	0.49	0.46	98	93	20-150	5	
4,4'-DDT	ug/L	ND	.5	.5	0.50	0.47	102	95	20-150	7	
Aldrin	ug/L	ND	.5	.5	0.46	0.45	94	90	20-150	4	
alpha-BHC	ug/L	ND	.5	.5	0.48	0.49	97	98	20-150	2	
beta-BHC	ug/L	ND	.5	.5	0.50	0.51	101	103	20-150	2	
delta-BHC	ug/L	ND	.5	.5	0.51	0.51	102	103	20-150	1	
Dieldrin	ug/L	ND	.5	.5	0.50	0.47	100	94	20-150	6	
Endosulfan I	ug/L	ND	.5	.5	0.48	0.46	98	92	20-150	6	
Endosulfan II	ug/L	ND	.5	.5	0.51	0.47	102	95	20-150	7	
Endosulfan sulfate	ug/L	ND	.5	.5	0.49	0.46	99	92	20-150	7	
Endrin	ug/L	ND	.5	.5	0.50	0.46	101	94	20-150	7	
Endrin aldehyde	ug/L	ND	.5	.5	0.42	0.41	85	82	20-150	3	
Endrin ketone	ug/L	ND	.5	.5	0.47	0.45	96	91	20-150	5	
gamma-BHC (Lindane)	ug/L	ND	.5	.5	0.48	0.49	98	100	20-150	2	
Heptachlor	ug/L	ND	.5	.5	0.46	0.45	93	90	20-150	3	
Heptachlor epoxide	ug/L	ND	.5	.5	0.48	0.45	96	91	20-150	5	
Hexachlorobenzene	ug/L	ND	.5	.5	0.42	0.42	86	84	20-150	2	
Methoxychlor	ug/L	ND	1.5	1.5	1.4	1.4	98	91	20-150	6	
Mirex	ug/L	ND	1.5	1.5	1.4	1.4	97	94	20-150	4	
Decachlorobiphenyl (S)	%						96	94	20-130		
Tetrachloro-m-xylene (S)	%						99	97	20-130		

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(704)875-9092

QUALIFIERS

Project: LEGION INDUSTRY
Pace Project No.: 92253407

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether, Styrene, and Vinyl chloride.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

C9	Common Laboratory Contaminant.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: LEGION INDUSTRY
Pace Project No.: 92253407

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92253407001	**PZ2**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253407002	**MW2**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253407003	**MW3**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253407004	**MW17**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253407005	**MW16**	EPA 3510	OEXT/35670	EPA 8081	GCSV/21636
92253407006	**MW9**	EPA 3510	OEXT/35738	EPA 8081	GCSV/21649
92253407001	**PZ2**	EPA 8260	MSV/32103		
92253407002	**MW2**	EPA 8260	MSV/32103		
92253407003	**MW3**	EPA 8260	MSV/32103		
92253407004	**MW17**	EPA 8260	MSV/32103		
92253407005	**MW16**	EPA 8260	MSV/32103		
92253407006	**MW9**	EPA 8260	MSV/32103		

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Pace Analytical	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: May 18, 2015 Page 1 of 2*
	Document Number: **F-CHR-CS-003-rev.16**	Issuing Authority: Pace Huntersville Quality Office

Client Name: AMEC FW

* Page 2 of 2 is for Internal Use Only

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☒ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other_____

Thermometer Used: IR Gun T1401 **Type of Ice:** Wet Blue None ☒ Samples on ice, cooling process has begun

Temp Correction Factor **T1401** No Correction

Corrected Cooler Temp.: 4.6 °C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Optional
Proj. Due Date:
Proj. Name:

Date and Initials of person examining contents: 6/9

Comments:

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix:_____		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	
Samples checked for dechlorination:	☐Yes ☐No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☐N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted:_____ Date/Time:_____

Comments/ Resolution:_____

SCURF Review: JJ Date: 6/9/15

SRF Review: JJ Date: 6/10/15

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

WO#: 92253407

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of 1691312

Section A Required Client Information:

Company: AMEC FW
Address: 2677 Bufford Hwy Atlanta GA 30324
Email To: Steve Foley Chuck Ferry
Phone: Fax:
Requested Due Date/TAT: 6/12/15

Section B Required Project Information:

Report To: Steve Foley + Chuck Ferry
Copy To:
Purchase Order No.:
Project Name: Leigon Industries
Project Number: GA1090444.08

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: GA

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Requested Analysis Filtered (Y/N): VOCs 8260B; Fe (Filtered) 6010B	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	PZ2	WT	G			6/5/15	0845		5	X			X						X X			001
2	MW2	WT	G			6/5/15	0900		5	X			X						X X			002
3	MW3	WT	G			6/5/15	1010		5	X			X						X X			003
4	MW17	WT	G			6/5/15	1110		5	X			X						X X			004
5	MW16	WT	G			6/5/15	1155		5	X			X						X X			005
6	MW9	WT	G			6/5/15	1330		4	X			X						X X			006
7																						
8																						
9																						
10																						
11																						
12																						

92253407

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	AMEC FW	6/5/15	1730		6-5-15	17:30				
		6-8-15	2:45	ITL	6/9/15	945	4C	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 10, 2013

Lindsey Maddox
AMEC E&I, Inc.
396 Plasters Ave
Atlanta GA 30324

TEL: (404) 873-4761
FAX: (404) 817-0183

RE: Legion Industries

Dear Lindsey Maddox: Order No: 1301254

Analytical Environmental Services, Inc. received 15 samples on 1/4/2013 3:05:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/12-06/30/13.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Tara Esbeck

Tara Esbeck
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1301254

Date: 1/4/13 Page 2 of 2

COMPANY:	ADDRESS:
AMEC E&I, INC	396 PLASTERS AVE ATLANTA, GA 30324
PHONE: 404-817-0152	FAX:
SAMPLED BY: STEPHEN R. FOLEY	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes) S/M+I	PRESERVATION (See codes) I	No # of Containers
1	SS-13 0.5-1'	1/4/13	0835	X		SO	X	X	5
2	SS-13 2-2.5'		0840						5
3	SS-14 0.5-1'		0900						5
4	SS-14 2-2.5'		0906						5
5	SS-15 0.5-1'		0935						5
6	SS-15 2-2.5'		0941						5
7	SS-16 0.5-1'		0948						5
8	SS-16 2-2.5'		0955						5
9	SS-17 0.5-1'		1003						5
10	SS-17 2-2.5'		1009						5
11	TRIP BLANK								2
12									
13									
14									

ANALYSIS REQUESTED: VOCs + 1,4-Dioxane 8260B; Pesticides

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

REMARKS

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	1/4/13 1505	1: Cataya P	1/4/13 3:05pm
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: LEGION INDUSTRIES
PROJECT #: 6121-09-0444
SITE ADDRESS: 370 MILLS RD WAYNESBORO, GA
SEND REPORT TO: STEPHEN FOLEY
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT

Total # of Containers: 52

Turnaround Time Request
- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ☒ Other 3-DAY

STATE PROGRAM (if any):
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

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

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

White Copy - Original; Yellow Copy - Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1301254

Date: 1/4/13 Page 1 of 2

COMPANY:	ADDRESS:
AMEC E&I, INC	396 PLASTICS AVE ATLANTA, GA 30324
PHONE: 404-817-0152	FAX:
SAMPLED BY: STEPHEN R. FOLEY	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs + 1,4-DIOXANE 8260B	PESTICIDES	PRESERVATION (See codes) S/M+I	PRESERVATION (See codes) I	REMARKS	No # of Containers
1	GP-13-2'	1/3/12	1220	X		SO						5
2	GP-13-6'		1230								HOLD	5
3	GP-14-3'		1247								HOLD	5
4	GP-14-6'		1254								HOLD	5
5	GP-9-3'		1311				X	X				5
6	GP-9-5'		1317								HOLD	5
7	GP-10-2-2½'		1334				X	X				5
8	GP-10 4-4½'		1341								HOLD	5
9	GP-12 2-2½'		1400				X	X				5
10	GP-17 2-2½'		1421								HOLD	5
11	GP-11 2-2½'		1435				X	X				5
12	GP-16 2-2½'		1515								HOLD	5
13	GP-18 2-2½'		1535								HOLD	5
14	GP-19 2-2½'		1552								HOLD	5

ANALYSIS REQUESTED

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	1/4/13 1505	1: Kataya P	1/4/13 3:05pm
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: LEGION INDUSTRIES
PROJECT #: 6121-09-0444
SITE ADDRESS: 390 MILLS ROAD WAYNESBORO, GA
SEND REPORT TO: STEPHEN FOLEY
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT

Total # of Containers: 70

Turnaround Time Request
- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ☒ Other 3-DAY

STATE PROGRAM (if any):
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Client: AMEC E&I, Inc.
Project: Legion Industries
Lab ID: 1301254

Case Narrative

Samples -026, -027, and -028 were included but were not listed on the CoC. Samples logged in using information on the containers.

Sample information on the Chain of Custody did not match that on the sample bottle labels for samples -004A (vials 1-3), -005C, -006C, and -009A (vial 1). Samples were logged in using the information on the CoC. They were matched according to the collection date/time. Samples were labeled "GP-14-", "GP-13-3'", "GP-13-5'", and "GP-10-2-2 1/2'" respectively.

Volatile Organic Compound Analysis by Method 8260B:

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on sample 1301254-002A,018A, -019A, 020A, -022A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Percent recovery for the internal standard compound Pentafluorobenzene on sample 1301254-023A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Percent recoveries for the internal standard compounds Pentafluorbenzene, Chlorobenzene-d5 & 1,4 Dichlorobenzene-d4 on sample 1301254-009A were outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-9-3'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 1:11:00 PM
Lab ID:	1301254-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Dichlorodifluoromethane	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Chloromethane	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Vinyl chloride	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Bromomethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Chloroethane	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Trichlorofluoromethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,1-Dichloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Acetone	BRL	94		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Freon-113	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Carbon disulfide	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Methyl acetate	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Methylene chloride	BRL	19		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Methyl tert-butyl ether	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
trans-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,1-Dichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
cis-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
2-Butanone	BRL	47		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Chloroform	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,1,1-Trichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Cyclohexane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Carbon tetrachloride	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Benzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,2-Dichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Trichloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Methylcyclohexane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,2-Dichloropropane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Bromodichloromethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
cis-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
4-Methyl-2-pentanone	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Toluene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
trans-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,1,2-Trichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
2-Hexanone	BRL	9.4		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Tetrachloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Dibromochloromethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,2-Dibromoethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Chlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Ethylbenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Styrene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Bromoform	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-9-3'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 1:11:00 PM
Lab ID:	1301254-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Isopropylbenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,3-Dichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,4-Dichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,2-Dichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,2-Dibromo-3-chloropropane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
1,2,4-Trichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Xylenes, Total	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 22:08	MD
Surr: 4-Bromofluorobenzene	85.3	63.8-133		%REC	170929	1	01/08/2013 22:08	MD
Surr: Dibromofluoromethane	113	74.3-130		%REC	170929	1	01/08/2013 22:08	MD
Surr: Toluene-d8	90.7	72.8-122		%REC	170929	1	01/08/2013 22:08	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	6.2	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
4,4'-DDE	5.7	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
4,4'-DDT	20	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Aldrin	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
alpha-BHC	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
alpha-Chlordane	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
beta-BHC	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
delta-BHC	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Dieldrin	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Endosulfan I	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Endosulfan II	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Endrin	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Endrin aldehyde	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Endrin ketone	4.2	3.7		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
gamma-BHC	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
gamma-Chlordane	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Heptachlor	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Heptachlor epoxide	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Methoxychlor	BRL	18		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Toxaphene	BRL	180		ug/Kg-dry	170911	1	01/08/2013 11:42	KD
Surr: Decachlorobiphenyl	77.3	25.1-119		%REC	170911	1	01/08/2013 11:42	KD
Surr: Tetrachloro-m-xylene	65.1	28.4-116		%REC	170911	1	01/08/2013 11:42	KD
PERCENT MOISTURE D2216								
Percent Moisture	9.03	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-10-2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 1:34:00 PM
Lab ID:	1301254-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,4-Dioxane	BRL	150		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Dichlorodifluoromethane	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Chloromethane	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Vinyl chloride	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Bromomethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Chloroethane	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Trichlorofluoromethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Acetone	BRL	97		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Freon-113	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Carbon disulfide	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Methyl acetate	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Methylene chloride	BRL	19		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Methyl tert-butyl ether	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,1-Dichloroethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
2-Butanone	BRL	49		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Chloroform	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,1,1-Trichloroethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Cyclohexane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Carbon tetrachloride	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Benzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,2-Dichloroethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Trichloroethene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Methylcyclohexane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,2-Dichloropropane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Bromodichloromethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
cis-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
4-Methyl-2-pentanone	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Toluene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
trans-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,1,2-Trichloroethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
2-Hexanone	BRL	9.7		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Tetrachloroethene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Dibromochloromethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,2-Dibromoethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Chlorobenzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Ethylbenzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Styrene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Bromoform	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-10-2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 1:34:00 PM
Lab ID:	1301254-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Isopropylbenzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,3-Dichlorobenzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,4-Dichlorobenzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,2-Dichlorobenzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,2-Dibromo-3-chloropropane	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
1,2,4-Trichlorobenzene	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Xylenes, Total	BRL	4.9		ug/Kg-dry	170929	1	01/08/2013 22:35	MD
Surr: 4-Bromofluorobenzene	85.1	63.8-133		%REC	170929	1	01/08/2013 22:35	MD
Surr: Dibromofluoromethane	109	74.3-130		%REC	170929	1	01/08/2013 22:35	MD
Surr: Toluene-d8	91.9	72.8-122		%REC	170929	1	01/08/2013 22:35	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	BRL	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
4,4'-DDE	810	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
4,4'-DDT	14000	770		ug/Kg-dry	170911	200	01/08/2013 16:07	KD
Aldrin	820	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
alpha-BHC	BRL	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
alpha-Chlordane	750	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
beta-BHC	110	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
delta-BHC	200	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Dieldrin	5000	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Endosulfan I	BRL	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Endosulfan II	BRL	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Endosulfan sulfate	BRL	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Endrin	BRL	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Endrin aldehyde	BRL	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Endrin ketone	BRL	190		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
gamma-BHC	BRL	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
gamma-Chlordane	960	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Heptachlor	BRL	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Heptachlor epoxide	BRL	97		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Methoxychlor	BRL	970		ug/Kg-dry	170911	50	01/08/2013 15:45	KD
Toxaphene	70000	39000		ug/Kg-dry	170911	200	01/08/2013 16:07	KD
Surr: Decachlorobiphenyl	0	25.1-119	S	%REC	170911	50	01/08/2013 15:45	KD
Surr: Tetrachloro-m-xylene	0	28.4-116	S	%REC	170911	50	01/08/2013 15:45	KD
PERCENT MOISTURE D2216								
Percent Moisture	14.1	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-12 2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 2:00:00 PM
Lab ID:	1301254-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,4-Dioxane	BRL	130		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Dichlorodifluoromethane	BRL	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Chloromethane	BRL	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Vinyl chloride	38	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Bromomethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Chloroethane	BRL	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Trichlorofluoromethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,1-Dichloroethene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Acetone	BRL	86		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Freon-113	BRL	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Carbon disulfide	BRL	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Methyl acetate	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Methylene chloride	BRL	17		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Methyl tert-butyl ether	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
trans-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,1-Dichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
cis-1,2-Dichloroethene	220	190		ug/Kg-dry	170999	50	01/09/2013 16:50	GK
2-Butanone	BRL	43		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Chloroform	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,1,1-Trichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Cyclohexane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Carbon tetrachloride	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Benzene	13	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,2-Dichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Trichloroethene	820	240		ug/Kg-dry	170999	50	01/09/2013 16:50	GK
Methylcyclohexane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,2-Dichloropropane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Bromodichloromethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
cis-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
4-Methyl-2-pentanone	BRL	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Toluene	5.3	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
trans-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,1,2-Trichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
2-Hexanone	BRL	8.6		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Tetrachloroethene	17	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Dibromochloromethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,2-Dibromoethane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Chlorobenzene	99	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Ethylbenzene	11	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Styrene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Bromoform	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-12 2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 2:00:00 PM
Lab ID:	1301254-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	18	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Isopropylbenzene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,3-Dichlorobenzene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,4-Dichlorobenzene	120	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,2-Dichlorobenzene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,2-Dibromo-3-chloropropane	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
1,2,4-Trichlorobenzene	BRL	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Xylenes, Total	19	4.3		ug/Kg-dry	170929	1	01/08/2013 23:03	MD
Surr: 4-Bromofluorobenzene	87.5	63.8-133		%REC	170999	50	01/09/2013 16:50	GK
Surr: 4-Bromofluorobenzene	65	63.8-133		%REC	170929	1	01/08/2013 23:03	MD
Surr: Dibromofluoromethane	86.8	74.3-130		%REC	170999	50	01/09/2013 16:50	GK
Surr: Dibromofluoromethane	114	74.3-130		%REC	170929	1	01/08/2013 23:03	MD
Surr: Toluene-d8	91.4	72.8-122		%REC	170999	50	01/09/2013 16:50	GK
Surr: Toluene-d8	70.4	72.8-122	S	%REC	170929	1	01/08/2013 23:03	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	1400	380		ug/Kg-dry	170911	100	01/08/2013 16:51	KD
4,4'-DDE	77	19		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
4,4'-DDT	2000	380		ug/Kg-dry	170911	100	01/08/2013 16:51	KD
Aldrin	10	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
alpha-BHC	250	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
alpha-Chlordane	110	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
beta-BHC	41	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
delta-BHC	93	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Dieldrin	58	19		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Endosulfan I	BRL	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Endosulfan II	BRL	19		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Endosulfan sulfate	BRL	19		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Endrin	280	19		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Endrin aldehyde	BRL	19		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Endrin ketone	180	19		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
gamma-BHC	550	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
gamma-Chlordane	91	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Heptachlor	20	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Heptachlor epoxide	BRL	9.6		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Methoxychlor	BRL	96		ug/Kg-dry	170911	5	01/08/2013 16:29	KD
Toxaphene	2700	1900		ug/Kg-dry	170911	10	01/08/2013 16:40	KD
Surr: Decachlorobiphenyl	72.7	25.1-119		%REC	170911	5	01/08/2013 16:29	KD
Surr: Tetrachloro-m-xylene	60.7	28.4-116		%REC	170911	5	01/08/2013 16:29	KD
PERCENT MOISTURE D2216								

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-12 2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 2:00:00 PM
Lab ID:	1301254-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
PERCENT MOISTURE D2216								
Percent Moisture	13.7	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-11 2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 2:55:00 PM
Lab ID:	1301254-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,4-Dioxane	BRL	120		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Dichlorodifluoromethane	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Chloromethane	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Vinyl chloride	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Bromomethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Chloroethane	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Trichlorofluoromethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,1-Dichloroethene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Acetone	BRL	80		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Freon-113	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Carbon disulfide	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Methyl acetate	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Methylene chloride	BRL	16		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Methyl tert-butyl ether	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,1-Dichloroethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
2-Butanone	BRL	40		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Chloroform	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,1,1-Trichloroethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Cyclohexane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Carbon tetrachloride	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Benzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,2-Dichloroethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Trichloroethene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Methylcyclohexane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,2-Dichloropropane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Bromodichloromethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
cis-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
4-Methyl-2-pentanone	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Toluene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
trans-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,1,2-Trichloroethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
2-Hexanone	BRL	8.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Tetrachloroethene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Dibromochloromethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,2-Dibromoethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Chlorobenzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Ethylbenzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Styrene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Bromoform	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-11 2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 2:55:00 PM
Lab ID:	1301254-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Isopropylbenzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,3-Dichlorobenzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,4-Dichlorobenzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,2-Dichlorobenzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,2-Dibromo-3-chloropropane	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
1,2,4-Trichlorobenzene	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Xylenes, Total	BRL	4.0		ug/Kg-dry	170929	1	01/08/2013 23:30	MD
Surr: 4-Bromofluorobenzene	99.4	63.8-133		%REC	170929	1	01/08/2013 23:30	MD
Surr: Dibromofluoromethane	106	74.3-130		%REC	170929	1	01/08/2013 23:30	MD
Surr: Toluene-d8	89.9	72.8-122		%REC	170929	1	01/08/2013 23:30	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
4,4'-DDE	6.4	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
4,4'-DDT	5.0	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Aldrin	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
alpha-BHC	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
alpha-Chlordane	2.1	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
beta-BHC	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
delta-BHC	3.7	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Dieldrin	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Endosulfan I	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Endosulfan II	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Endrin	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Endrin aldehyde	BRL	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Endrin ketone	15	3.7		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
gamma-BHC	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
gamma-Chlordane	1.9	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Heptachlor	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Heptachlor epoxide	BRL	1.8		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Methoxychlor	BRL	18		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Toxaphene	BRL	180		ug/Kg-dry	170911	1	01/08/2013 11:53	KD
Surr: Decachlorobiphenyl	74.5	25.1-119		%REC	170911	1	01/08/2013 11:53	KD
Surr: Tetrachloro-m-xylene	59.5	28.4-116		%REC	170911	1	01/08/2013 11:53	KD
PERCENT MOISTURE D2216								
Percent Moisture	9.03	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-13 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 8:35:00 AM
Lab ID:	1301254-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	130		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Dichlorodifluoromethane	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Chloromethane	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Vinyl chloride	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Bromomethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Chloroethane	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Trichlorofluoromethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,1-Dichloroethene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Acetone	BRL	86		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Freon-113	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Carbon disulfide	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Methyl acetate	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Methylene chloride	BRL	17		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Methyl tert-butyl ether	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
trans-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,1-Dichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
cis-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
2-Butanone	BRL	43		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Chloroform	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,1,1-Trichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Cyclohexane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Carbon tetrachloride	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Benzene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,2-Dichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Trichloroethene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Methylcyclohexane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,2-Dichloropropane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Bromodichloromethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
cis-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
4-Methyl-2-pentanone	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Toluene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
trans-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,1,2-Trichloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
2-Hexanone	BRL	8.6		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Tetrachloroethene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Dibromochloromethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,2-Dibromoethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Chlorobenzene	7.5	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Ethylbenzene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Styrene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Bromoform	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-13 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 8:35:00 AM
Lab ID:	1301254-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Isopropylbenzene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,3-Dichlorobenzene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,4-Dichlorobenzene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,2-Dichlorobenzene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,2-Dibromo-3-chloropropane	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
1,2,4-Trichlorobenzene	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Xylenes, Total	BRL	4.3		ug/Kg-dry	170929	1	01/07/2013 20:36	MD
Surr: 4-Bromofluorobenzene	90.4	63.8-133		%REC	170929	1	01/07/2013 20:36	MD
Surr: Dibromofluoromethane	107	74.3-130		%REC	170929	1	01/07/2013 20:36	MD
Surr: Toluene-d8	94.8	72.8-122		%REC	170929	1	01/07/2013 20:36	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	88	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
4,4'-DDE	49	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
4,4'-DDT	8.2	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Aldrin	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
alpha-Chlordane	6.7	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
beta-BHC	2.1	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
delta-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Dieldrin	20	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Endosulfan II	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Endrin	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Endrin aldehyde	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Endrin ketone	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
gamma-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
gamma-Chlordane	6.0	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Heptachlor	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Methoxychlor	BRL	20		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Toxaphene	BRL	200		ug/Kg-dry	170911	1	01/08/2013 13:33	KD
Surr: Decachlorobiphenyl	75.8	25.1-119		%REC	170911	1	01/08/2013 13:33	KD
Surr: Tetrachloro-m-xylene	65.1	28.4-116		%REC	170911	1	01/08/2013 13:33	KD
PERCENT MOISTURE D2216								
Percent Moisture	15.9	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-13 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 8:40:00 AM
Lab ID:	1301254-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,4-Dioxane	BRL	160		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Chloromethane	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Vinyl chloride	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Bromomethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Chloroethane	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Trichlorofluoromethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,1-Dichloroethene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Acetone	BRL	100		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Freon-113	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Carbon disulfide	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Methyl acetate	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Methylene chloride	BRL	21		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Methyl tert-butyl ether	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
trans-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,1-Dichloroethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
cis-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
2-Butanone	BRL	52		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Chloroform	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,1,1-Trichloroethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Cyclohexane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Carbon tetrachloride	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Benzene	5.7	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,2-Dichloroethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Trichloroethene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Methylcyclohexane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,2-Dichloropropane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Bromodichloromethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
cis-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Toluene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
trans-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,1,2-Trichloroethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
2-Hexanone	BRL	10		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Tetrachloroethene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Dibromochloromethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,2-Dibromoethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Chlorobenzene	20	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Ethylbenzene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Styrene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Bromoform	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-13 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 8:40:00 AM
Lab ID:	1301254-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Isopropylbenzene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,3-Dichlorobenzene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,4-Dichlorobenzene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,2-Dichlorobenzene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,2-Dibromo-3-chloropropane	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
1,2,4-Trichlorobenzene	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Xylenes, Total	BRL	5.2		ug/Kg-dry	170929	1	01/07/2013 21:58	MD
Surr: 4-Bromofluorobenzene	95	63.8-133		%REC	170929	1	01/07/2013 21:58	MD
Surr: Dibromofluoromethane	106	74.3-130		%REC	170929	1	01/07/2013 21:58	MD
Surr: Toluene-d8	92.1	72.8-122		%REC	170929	1	01/07/2013 21:58	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
4,4'-DDE	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
4,4'-DDT	5.0	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Aldrin	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
alpha-BHC	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
alpha-Chlordane	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
beta-BHC	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
delta-BHC	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Dieldrin	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Endosulfan I	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Endosulfan II	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Endosulfan sulfate	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Endrin	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Endrin aldehyde	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Endrin ketone	BRL	4.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
gamma-BHC	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
gamma-Chlordane	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Heptachlor	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Heptachlor epoxide	BRL	2.1		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Methoxychlor	BRL	21		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Toxaphene	BRL	210		ug/Kg-dry	170911	1	01/08/2013 13:45	KD
Surr: Decachlorobiphenyl	85.5	25.1-119		%REC	170911	1	01/08/2013 13:45	KD
Surr: Tetrachloro-m-xylene	76.1	28.4-116		%REC	170911	1	01/08/2013 13:45	KD
PERCENT MOISTURE D2216								
Percent Moisture	19.0	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-14 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:00:00 AM
Lab ID:	1301254-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,4-Dioxane	BRL	120		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Dichlorodifluoromethane	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Chloromethane	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Vinyl chloride	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Bromomethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Chloroethane	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Trichlorofluoromethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,1-Dichloroethene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Acetone	BRL	78		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Freon-113	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Carbon disulfide	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Methyl acetate	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Methylene chloride	BRL	16		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Methyl tert-butyl ether	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
trans-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,1-Dichloroethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
cis-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
2-Butanone	BRL	39		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Chloroform	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,1,1-Trichloroethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Cyclohexane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Carbon tetrachloride	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Benzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,2-Dichloroethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Trichloroethene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Methylcyclohexane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,2-Dichloropropane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Bromodichloromethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
cis-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
4-Methyl-2-pentanone	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Toluene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
trans-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,1,2-Trichloroethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
2-Hexanone	BRL	7.8		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Tetrachloroethene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Dibromochloromethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,2-Dibromoethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Chlorobenzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Ethylbenzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Styrene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Bromoform	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-14 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:00:00 AM
Lab ID:	1301254-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Isopropylbenzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,3-Dichlorobenzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,4-Dichlorobenzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,2-Dichlorobenzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,2-Dibromo-3-chloropropane	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
1,2,4-Trichlorobenzene	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Xylenes, Total	BRL	3.9		ug/Kg-dry	170929	1	01/07/2013 22:26	MD
Surr: 4-Bromofluorobenzene	91.2	63.8-133		%REC	170929	1	01/07/2013 22:26	MD
Surr: Dibromofluoromethane	111	74.3-130		%REC	170929	1	01/07/2013 22:26	MD
Surr: Toluene-d8	91.8	72.8-122		%REC	170929	1	01/07/2013 22:26	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	130	38		ug/Kg-dry	170911	10	01/09/2013 13:02	SN
4,4'-DDE	28	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
4,4'-DDT	62	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Aldrin	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
alpha-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
alpha-Chlordane	9.3	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
beta-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
delta-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Dieldrin	28	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Endosulfan II	BRL	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Endrin	7.5	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Endrin aldehyde	BRL	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Endrin ketone	8.2	3.8		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
gamma-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
gamma-Chlordane	12	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Heptachlor	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Methoxychlor	BRL	19		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Toxaphene	BRL	190		ug/Kg-dry	170911	1	01/08/2013 13:56	KD
Surr: Decachlorobiphenyl	76.8	25.1-119		%REC	170911	1	01/08/2013 13:56	KD
Surr: Tetrachloro-m-xylene	70.3	28.4-116		%REC	170911	1	01/08/2013 13:56	KD
PERCENT MOISTURE D2216								
Percent Moisture	13.6	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-14 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:06:00 AM
Lab ID:	1301254-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	160		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Dichlorodifluoromethane	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Chloromethane	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Vinyl chloride	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Bromomethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Chloroethane	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Trichlorofluoromethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,1-Dichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Acetone	BRL	110		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Freon-113	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Carbon disulfide	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Methyl acetate	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Methylene chloride	BRL	22		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Methyl tert-butyl ether	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
trans-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,1-Dichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
cis-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
2-Butanone	BRL	54		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Chloroform	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,1,1-Trichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Cyclohexane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Carbon tetrachloride	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Benzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,2-Dichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Trichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Methylcyclohexane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,2-Dichloropropane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Bromodichloromethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
cis-1,3-Dichloropropene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
4-Methyl-2-pentanone	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Toluene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
trans-1,3-Dichloropropene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,1,2-Trichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
2-Hexanone	BRL	11		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Tetrachloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Dibromochloromethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,2-Dibromoethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Chlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Ethylbenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Styrene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Bromoform	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-14 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:06:00 AM
Lab ID:	1301254-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Isopropylbenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,3-Dichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,4-Dichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,2-Dichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,2-Dibromo-3-chloropropane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
1,2,4-Trichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Xylenes, Total	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 22:53	MD
Surr: 4-Bromofluorobenzene	84.7	63.8-133		%REC	170929	1	01/07/2013 22:53	MD
Surr: Dibromofluoromethane	108	74.3-130		%REC	170929	1	01/07/2013 22:53	MD
Surr: Toluene-d8	93.5	72.8-122		%REC	170929	1	01/07/2013 22:53	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	93	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
4,4'-DDE	45	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
4,4'-DDT	86	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Aldrin	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
alpha-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
alpha-Chlordane	5.1	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
beta-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
delta-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Dieldrin	9.8	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Endosulfan II	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Endrin	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Endrin aldehyde	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Endrin ketone	BRL	3.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
gamma-BHC	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
gamma-Chlordane	4.6	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Heptachlor	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Methoxychlor	BRL	19		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Toxaphene	BRL	190		ug/Kg-dry	170911	1	01/08/2013 14:07	KD
Surr: Decachlorobiphenyl	82.2	25.1-119		%REC	170911	1	01/08/2013 14:07	KD
Surr: Tetrachloro-m-xylene	75.7	28.4-116		%REC	170911	1	01/08/2013 14:07	KD
PERCENT MOISTURE D2216								
Percent Moisture	13.7	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-15 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:35:00 AM
Lab ID:	1301254-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS	**SW8260B**			**(SW5035)**				
1,4-Dioxane	BRL	180		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Dichlorodifluoromethane	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Chloromethane	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Vinyl chloride	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Bromomethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Chloroethane	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Trichlorofluoromethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,1-Dichloroethene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Acetone	BRL	120		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Freon-113	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Carbon disulfide	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Methyl acetate	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Methylene chloride	BRL	24		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Methyl tert-butyl ether	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
trans-1,2-Dichloroethene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,1-Dichloroethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
cis-1,2-Dichloroethene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
2-Butanone	BRL	60		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Chloroform	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,1,1-Trichloroethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Cyclohexane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Carbon tetrachloride	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Benzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,2-Dichloroethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Trichloroethene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Methylcyclohexane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,2-Dichloropropane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Bromodichloromethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
cis-1,3-Dichloropropene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
4-Methyl-2-pentanone	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Toluene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
trans-1,3-Dichloropropene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,1,2-Trichloroethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
2-Hexanone	BRL	12		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Tetrachloroethene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Dibromochloromethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,2-Dibromoethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Chlorobenzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Ethylbenzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Styrene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Bromoform	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-15 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:35:00 AM
Lab ID:	1301254-019	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Isopropylbenzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,3-Dichlorobenzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,4-Dichlorobenzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,2-Dichlorobenzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,2-Dibromo-3-chloropropane	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
1,2,4-Trichlorobenzene	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Xylenes, Total	BRL	6.0		ug/Kg-dry	170929	1	01/07/2013 23:20	MD
Surr: 4-Bromofluorobenzene	82.7	63.8-133		%REC	170929	1	01/07/2013 23:20	MD
Surr: Dibromofluoromethane	110	74.3-130		%REC	170929	1	01/07/2013 23:20	MD
Surr: Toluene-d8	90.4	72.8-122		%REC	170929	1	01/07/2013 23:20	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	73	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
4,4'-DDE	16	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
4,4'-DDT	39	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Aldrin	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
alpha-Chlordane	15	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
beta-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
delta-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Dieldrin	30	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Endosulfan II	5.7	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Endrin	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Endrin aldehyde	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Endrin ketone	4.6	4.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
gamma-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
gamma-Chlordane	16	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Heptachlor	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Methoxychlor	BRL	20		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Toxaphene	BRL	200		ug/Kg-dry	170911	1	01/08/2013 14:18	KD
Surr: Decachlorobiphenyl	55	25.1-119		%REC	170911	1	01/08/2013 14:18	KD
Surr: Tetrachloro-m-xylene	54.2	28.4-116		%REC	170911	1	01/08/2013 14:18	KD
PERCENT MOISTURE D2216								
Percent Moisture	17.4	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-15 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:41:00 AM
Lab ID:	1301254-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	160		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Dichlorodifluoromethane	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Chloromethane	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Vinyl chloride	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Bromomethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Chloroethane	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Trichlorofluoromethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,1-Dichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Acetone	BRL	110		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Freon-113	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Carbon disulfide	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Methyl acetate	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Methylene chloride	BRL	22		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Methyl tert-butyl ether	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
trans-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,1-Dichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
cis-1,2-Dichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
2-Butanone	BRL	54		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Chloroform	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,1,1-Trichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Cyclohexane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Carbon tetrachloride	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Benzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,2-Dichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Trichloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Methylcyclohexane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,2-Dichloropropane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Bromodichloromethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
cis-1,3-Dichloropropene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
4-Methyl-2-pentanone	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Toluene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
trans-1,3-Dichloropropene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,1,2-Trichloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
2-Hexanone	BRL	11		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Tetrachloroethene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Dibromochloromethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,2-Dibromoethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Chlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Ethylbenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Styrene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Bromoform	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-15 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:41:00 AM
Lab ID:	1301254-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Isopropylbenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,3-Dichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,4-Dichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,2-Dichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,2-Dibromo-3-chloropropane	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
1,2,4-Trichlorobenzene	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Xylenes, Total	BRL	5.4		ug/Kg-dry	170929	1	01/07/2013 23:48	MD
Surr: 4-Bromofluorobenzene	90.8	63.8-133		%REC	170929	1	01/07/2013 23:48	MD
Surr: Dibromofluoromethane	115	74.3-130		%REC	170929	1	01/07/2013 23:48	MD
Surr: Toluene-d8	93.2	72.8-122		%REC	170929	1	01/07/2013 23:48	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4´-DDD	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
4,4´-DDE	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
4,4´-DDT	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Aldrin	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
beta-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
delta-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Dieldrin	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Endosulfan II	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Endrin	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Endrin aldehyde	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Endrin ketone	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
gamma-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Heptachlor	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Methoxychlor	BRL	20		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Toxaphene	BRL	200		ug/Kg-dry	170911	1	01/08/2013 14:29	KD
Surr: Decachlorobiphenyl	71.1	25.1-119		%REC	170911	1	01/08/2013 14:29	KD
Surr: Tetrachloro-m-xylene	67.5	28.4-116		%REC	170911	1	01/08/2013 14:29	KD
PERCENT MOISTURE D2216								
Percent Moisture	17.8	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-16 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:48:00 AM
Lab ID:	1301254-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	150		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Dichlorodifluoromethane	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Chloromethane	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Vinyl chloride	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Bromomethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Chloroethane	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Trichlorofluoromethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,1-Dichloroethene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Acetone	BRL	100		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Freon-113	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Carbon disulfide	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Methyl acetate	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Methylene chloride	BRL	20		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Methyl tert-butyl ether	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
trans-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,1-Dichloroethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
cis-1,2-Dichloroethene	48	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
2-Butanone	BRL	50		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Chloroform	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,1,1-Trichloroethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Cyclohexane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Carbon tetrachloride	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Benzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,2-Dichloroethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Trichloroethene	100	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Methylcyclohexane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,2-Dichloropropane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Bromodichloromethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
cis-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
4-Methyl-2-pentanone	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Toluene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
trans-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,1,2-Trichloroethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
2-Hexanone	BRL	10.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Tetrachloroethene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Dibromochloromethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,2-Dibromoethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Chlorobenzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Ethylbenzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Styrene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Bromoform	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-16 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:48:00 AM
Lab ID:	1301254-021	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Isopropylbenzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,3-Dichlorobenzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,4-Dichlorobenzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,2-Dichlorobenzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
1,2,4-Trichlorobenzene	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Xylenes, Total	BRL	5.0		ug/Kg-dry	170929	1	01/08/2013 00:16	MD
Surr: 4-Bromofluorobenzene	92.9	63.8-133		%REC	170929	1	01/08/2013 00:16	MD
Surr: Dibromofluoromethane	114	74.3-130		%REC	170929	1	01/08/2013 00:16	MD
Surr: Toluene-d8	97.5	72.8-122		%REC	170929	1	01/08/2013 00:16	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
4,4'-DDE	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
4,4'-DDT	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Aldrin	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
alpha-BHC	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
alpha-Chlordane	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
beta-BHC	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
delta-BHC	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Dieldrin	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Endosulfan I	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Endosulfan II	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Endosulfan sulfate	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Endrin	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Endrin aldehyde	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Endrin ketone	BRL	20		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
gamma-BHC	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
gamma-Chlordane	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Heptachlor	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Heptachlor epoxide	BRL	9.8		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Methoxychlor	BRL	98		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Toxaphene	BRL	980		ug/Kg-dry	170911	5	01/08/2013 17:02	KD
Surr: Decachlorobiphenyl	86.5	25.1-119		%REC	170911	5	01/08/2013 17:02	KD
Surr: Tetrachloro-m-xylene	71.7	28.4-116		%REC	170911	5	01/08/2013 17:02	KD
PERCENT MOISTURE D2216								
Percent Moisture	15.1	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-16 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:55:00 AM
Lab ID:	1301254-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Dichlorodifluoromethane	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Chloromethane	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Vinyl chloride	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Bromomethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Chloroethane	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Trichlorofluoromethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,1-Dichloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Acetone	BRL	93		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Freon-113	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Carbon disulfide	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Methyl acetate	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Methylene chloride	BRL	19		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Methyl tert-butyl ether	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
trans-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,1-Dichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
cis-1,2-Dichloroethene	140	120		ug/Kg-dry	170999	50	01/08/2013 15:39	GK
2-Butanone	BRL	47		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Chloroform	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,1,1-Trichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Cyclohexane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Carbon tetrachloride	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Benzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,2-Dichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Trichloroethene	160	120		ug/Kg-dry	170999	50	01/08/2013 15:39	GK
Methylcyclohexane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,2-Dichloropropane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Bromodichloromethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
cis-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
4-Methyl-2-pentanone	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Toluene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
trans-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,1,2-Trichloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
2-Hexanone	BRL	9.3		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Tetrachloroethene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Dibromochloromethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,2-Dibromoethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Chlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Ethylbenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Styrene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Bromoform	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-16 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:55:00 AM
Lab ID:	1301254-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Isopropylbenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,3-Dichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,4-Dichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,2-Dichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,2-Dibromo-3-chloropropane	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
1,2,4-Trichlorobenzene	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Xylenes, Total	BRL	4.7		ug/Kg-dry	170929	1	01/08/2013 00:43	MD
Surr: 4-Bromofluorobenzene	85.4	63.8-133		%REC	170999	50	01/08/2013 15:39	GK
Surr: 4-Bromofluorobenzene	95.9	63.8-133		%REC	170929	1	01/08/2013 00:43	MD
Surr: Dibromofluoromethane	81.5	74.3-130		%REC	170999	50	01/08/2013 15:39	GK
Surr: Dibromofluoromethane	117	74.3-130		%REC	170929	1	01/08/2013 00:43	MD
Surr: Toluene-d8	90.8	72.8-122		%REC	170999	50	01/08/2013 15:39	GK
Surr: Toluene-d8	94.8	72.8-122		%REC	170929	1	01/08/2013 00:43	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
4,4'-DDE	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
4,4'-DDT	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Aldrin	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
beta-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
delta-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Dieldrin	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Endosulfan II	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Endrin	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Endrin aldehyde	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Endrin ketone	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
gamma-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Heptachlor	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Methoxychlor	BRL	20		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Toxaphene	BRL	200		ug/Kg-dry	170911	1	01/08/2013 14:40	KD
Surr: Decachlorobiphenyl	66.2	25.1-119		%REC	170911	1	01/08/2013 14:40	KD
Surr: Tetrachloro-m-xylene	65.6	28.4-116		%REC	170911	1	01/08/2013 14:40	KD
PERCENT MOISTURE D2216								

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-16 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 9:55:00 AM
Lab ID:	1301254-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
PERCENT MOISTURE D2216								
Percent Moisture	17.2	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-17 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 10:03:00 AM
Lab ID:	1301254-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	140		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Dichlorodifluoromethane	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Chloromethane	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Vinyl chloride	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Bromomethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Chloroethane	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Trichlorofluoromethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,1-Dichloroethene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Acetone	BRL	96		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Freon-113	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Carbon disulfide	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Methyl acetate	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Methylene chloride	BRL	19		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Methyl tert-butyl ether	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
trans-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,1-Dichloroethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
cis-1,2-Dichloroethene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
2-Butanone	BRL	48		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Chloroform	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,1,1-Trichloroethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Cyclohexane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Carbon tetrachloride	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Benzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,2-Dichloroethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Trichloroethene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Methylcyclohexane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,2-Dichloropropane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Bromodichloromethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
cis-1,3-Dichloropropene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
4-Methyl-2-pentanone	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Toluene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
trans-1,3-Dichloropropene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,1,2-Trichloroethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
2-Hexanone	BRL	9.6		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Tetrachloroethene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Dibromochloromethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,2-Dibromoethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Chlorobenzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Ethylbenzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Styrene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Bromoform	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-17 0.5-1'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 10:03:00 AM
Lab ID:	1301254-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Isopropylbenzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,3-Dichlorobenzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,4-Dichlorobenzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,2-Dichlorobenzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,2-Dibromo-3-chloropropane	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
1,2,4-Trichlorobenzene	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Xylenes, Total	BRL	4.8		ug/Kg-dry	170929	1	01/08/2013 01:10	MD
Surr: 4-Bromofluorobenzene	97.2	63.8-133		%REC	170929	1	01/08/2013 01:10	MD
Surr: Dibromofluoromethane	113	74.3-130		%REC	170929	1	01/08/2013 01:10	MD
Surr: Toluene-d8	95.1	72.8-122		%REC	170929	1	01/08/2013 01:10	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	BRL	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
4,4'-DDE	270	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
4,4'-DDT	360	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Aldrin	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
alpha-BHC	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
alpha-Chlordane	170	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
beta-BHC	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
delta-BHC	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Dieldrin	310	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Endosulfan I	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Endosulfan II	BRL	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Endosulfan sulfate	BRL	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Endrin	BRL	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Endrin aldehyde	BRL	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Endrin ketone	BRL	19		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
gamma-BHC	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
gamma-Chlordane	210	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Heptachlor	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Heptachlor epoxide	BRL	9.3		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Methoxychlor	BRL	93		ug/Kg-dry	170911	5	01/08/2013 17:13	KD
Toxaphene	3700	1900		ug/Kg-dry	170911	10	01/08/2013 17:24	KD
Surr: Decachlorobiphenyl	89.5	25.1-119		%REC	170911	5	01/08/2013 17:13	KD
Surr: Tetrachloro-m-xylene	74.1	28.4-116		%REC	170911	5	01/08/2013 17:13	KD
PERCENT MOISTURE D2216								
Percent Moisture	10.5	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-17 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 10:09:00 AM
Lab ID:	1301254-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
1,4-Dioxane	BRL	170		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Dichlorodifluoromethane	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Chloromethane	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Vinyl chloride	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Bromomethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Chloroethane	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Trichlorofluoromethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,1-Dichloroethene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Acetone	BRL	110		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Freon-113	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Carbon disulfide	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Methyl acetate	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Methylene chloride	BRL	23		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Methyl tert-butyl ether	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
trans-1,2-Dichloroethene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,1-Dichloroethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
cis-1,2-Dichloroethene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
2-Butanone	BRL	57		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Chloroform	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,1,1-Trichloroethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Cyclohexane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Carbon tetrachloride	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Benzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,2-Dichloroethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Trichloroethene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Methylcyclohexane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,2-Dichloropropane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Bromodichloromethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
cis-1,3-Dichloropropene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
4-Methyl-2-pentanone	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Toluene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
trans-1,3-Dichloropropene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,1,2-Trichloroethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
2-Hexanone	BRL	11		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Tetrachloroethene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Dibromochloromethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,2-Dibromoethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Chlorobenzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Ethylbenzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Styrene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Bromoform	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	SS-17 2-2.5'
Project Name:	Legion Industries	**Collection Date:**	1/4/2013 10:09:00 AM
Lab ID:	1301254-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Isopropylbenzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,3-Dichlorobenzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,4-Dichlorobenzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,2-Dichlorobenzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,2-Dibromo-3-chloropropane	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
1,2,4-Trichlorobenzene	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Xylenes, Total	BRL	5.7		ug/Kg-dry	170929	1	01/08/2013 23:58	MD
Surr: 4-Bromofluorobenzene	85.2	63.8-133		%REC	170929	1	01/08/2013 23:58	MD
Surr: Dibromofluoromethane	99.5	74.3-130		%REC	170929	1	01/08/2013 23:58	MD
Surr: Toluene-d8	88	72.8-122		%REC	170929	1	01/08/2013 23:58	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
4,4'-DDE	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
4,4'-DDT	5.0	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Aldrin	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
beta-BHC	2.6	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
delta-BHC	7.6	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Dieldrin	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Endosulfan II	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Endrin	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Endrin aldehyde	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Endrin ketone	BRL	4.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
gamma-BHC	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Heptachlor	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Methoxychlor	BRL	20		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Toxaphene	BRL	200		ug/Kg-dry	170911	1	01/08/2013 14:51	KD
Surr: Decachlorobiphenyl	73.1	25.1-119		%REC	170911	1	01/08/2013 14:51	KD
Surr: Tetrachloro-m-xylene	69.1	28.4-116		%REC	170911	1	01/08/2013 14:51	KD
PERCENT MOISTURE D2216								
Percent Moisture	17.3	0		wt%	R236143	1	01/07/2013 11:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Legion Industries	**Collection Date:**	1/3/2013
Lab ID:	1301254-025	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,1-Dichloroethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,1-Dichloroethene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,2-Dibromoethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,2-Dichloroethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,2-Dichloropropane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
1,4-Dioxane	BRL	150		ug/L	170927	1	01/07/2013 14:32	NP
2-Butanone	BRL	50		ug/L	170927	1	01/07/2013 14:32	NP
2-Hexanone	BRL	10		ug/L	170927	1	01/07/2013 14:32	NP
4-Methyl-2-pentanone	BRL	10		ug/L	170927	1	01/07/2013 14:32	NP
Acetone	BRL	50		ug/L	170927	1	01/07/2013 14:32	NP
Benzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Bromodichloromethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Bromoform	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Bromomethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Carbon disulfide	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Carbon tetrachloride	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Chlorobenzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Chloroethane	BRL	10		ug/L	170927	1	01/07/2013 14:32	NP
Chloroform	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Chloromethane	BRL	10		ug/L	170927	1	01/07/2013 14:32	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Cyclohexane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Dibromochloromethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Dichlorodifluoromethane	BRL	10		ug/L	170927	1	01/07/2013 14:32	NP
Ethylbenzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Freon-113	BRL	10		ug/L	170927	1	01/07/2013 14:32	NP
Isopropylbenzene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Methyl acetate	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Methylcyclohexane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Methylene chloride	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Styrene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 10-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Legion Industries	**Collection Date:**	1/3/2013
Lab ID:	1301254-025	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Tetrachloroethene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Toluene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Trichloroethene	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Trichlorofluoromethane	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Vinyl chloride	BRL	2.0		ug/L	170927	1	01/07/2013 14:32	NP
Xylenes, Total	BRL	5.0		ug/L	170927	1	01/07/2013 14:32	NP
Surr: 4-Bromofluorobenzene	85.8	64.6-123		%REC	170927	1	01/07/2013 14:32	NP
Surr: Dibromofluoromethane	118	76.6-133		%REC	170927	1	01/07/2013 14:32	NP
Surr: Toluene-d8	97.5	77.8-120		%REC	170927	1	01/07/2013 14:32	NP

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client AMEC Work Order Number 1301254

Checklist completed by _____ 01/04/2013
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.5 Cooler #2 3.4 Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes __ No ✓

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170911

Sample ID: **MB-170911** Client ID:
SampleType: **MBLK** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B**
Units: **ug/Kg** BatchID: **170911**
Prep Date: **01/07/2013** Analysis Date: **01/07/2013**
Run No: **236153** Seq No: **4944720**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDD	BRL	3.3	0	0	0	0	0	0	0	0	
4,4´-DDE	BRL	3.3	0	0	0	0	0	0	0	0	
4,4´-DDT	BRL	3.3	0	0	0	0	0	0	0	0	
Aldrin	BRL	1.7	0	0	0	0	0	0	0	0	
alpha-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
alpha-Chlordane	BRL	1.7	0	0	0	0	0	0	0	0	
beta-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
delta-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
Dieldrin	BRL	3.3	0	0	0	0	0	0	0	0	
Endosulfan I	BRL	1.7	0	0	0	0	0	0	0	0	
Endosulfan II	BRL	3.3	0	0	0	0	0	0	0	0	
Endosulfan sulfate	BRL	3.3	0	0	0	0	0	0	0	0	
Endrin	BRL	3.3	0	0	0	0	0	0	0	0	
Endrin aldehyde	BRL	3.3	0	0	0	0	0	0	0	0	
Endrin ketone	BRL	3.3	0	0	0	0	0	0	0	0	
gamma-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
gamma-Chlordane	BRL	1.7	0	0	0	0	0	0	0	0	
Heptachlor	BRL	1.7	0	0	0	0	0	0	0	0	
Heptachlor epoxide	BRL	1.7	0	0	0	0	0	0	0	0	
Methoxychlor	BRL	17	0	0	0	0	0	0	0	0	
Toxaphene	BRL	170	0	0	0	0	0	0	0	0	
Surr: Decachlorobiphenyl	11.10	0	16.67	0	66.6	25.1	119	0	0	0	
Surr: Tetrachloro-m-xylene	11.45	0	16.67	0	68.7	28.4	116	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170911

Sample ID: **LCS-170911** Client ID:
SampleType: **LCS** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B**
Units: **ug/Kg** Prep Date: **01/07/2013** Run No: **236153**
BatchID: **170911** Analysis Date: **01/07/2013** Seq No: **4944721**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDT	28.15	3.3	33.33	0	84.5	41.7	134	0	0	0	
Aldrin	19.69	1.7	33.33	0	59.1	40.6	115	0	0	0	
Dieldrin	25.23	3.3	33.33	0	75.7	44.2	122	0	0	0	
Endrin	27.52	3.3	33.33	0	82.6	42.9	126	0	0	0	
gamma-BHC	23.61	1.7	33.33	0	70.8	40.4	120	0	0	0	
Heptachlor	25.49	1.7	33.33	0	76.5	41.1	117	0	0	0	
Surr: Decachlorobiphenyl	12.55	0	16.67	0	75.3	25.1	119	0	0	0	
Surr: Tetrachloro-m-xylene	11.19	0	16.67	0	67.1	28.4	116	0	0	0	

Sample ID: **1301254-011CMS** Client ID: **GP-11 2-2 1/2'**
SampleType: **MS** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B**
Units: **ug/Kg-dry** Prep Date: **01/07/2013** Run No: **236181**
BatchID: **170911** Analysis Date: **01/08/2013** Seq No: **4946440**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDT	30.37	3.7	36.58	5.000	69.4	28.4	130	0	0	0	
Aldrin	23.50	1.8	36.58	0	64.2	31.8	117	0	0	0	
Dieldrin	31.50	3.7	36.58	3.489	76.6	30.7	131	0	0	0	
Endrin	30.99	3.7	36.58	0	84.7	38.3	129	0	0	0	
gamma-BHC	27.18	1.8	36.58	0.5745	72.7	32.4	127	0	0	0	
Heptachlor	27.71	1.8	36.58	0	75.8	32	122	0	0	0	
Surr: Decachlorobiphenyl	15.14	0	18.29	0	82.8	25.1	119	0	0	0	
Surr: Tetrachloro-m-xylene	12.55	0	18.29	0	68.6	28.4	116	0	0	0	

Sample ID: **1301254-011CMSD** Client ID: **GP-11 2-2 1/2'**
SampleType: **MSD** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B**
Units: **ug/Kg-dry** Prep Date: **01/07/2013** Run No: **236181**
BatchID: **170911** Analysis Date: **01/08/2013** Seq No: **4946441**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDT	30.08	3.7	36.58	5.000	68.6	28.4	130	30.37	0.967	28.6	
Aldrin	22.67	1.8	36.58	0	62	31.8	117	23.50	3.59	26	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170911

Sample ID: **1301254-011CMSD** Client ID: **GP-11 2-2 1/2'** Units: **ug/Kg-dry** Prep Date: **01/07/2013** Run No: **236181**
SampleType: **MSD** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **170911** Analysis Date: **01/08/2013** Seq No: **4946441**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Dieldrin	31.00	3.7	36.58	3.489	75.2	30.7	131	31.50	1.6	21.4	
Endrin	30.32	3.7	36.58	0	82.9	38.3	129	30.99	2.17	21.4	
gamma-BHC	26.18	1.8	36.58	0.5745	70	32.4	127	27.18	3.72	26.1	
Heptachlor	26.92	1.8	36.58	0	73.6	32	122	27.71	2.91	28.9	
Surr: Decachlorobiphenyl	14.42	0	18.29	0	78.8	25.1	119	15.14	0	0	
Surr: Tetrachloro-m-xylene	11.98	0	18.29	0	65.5	28.4	116	12.55	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170927

Sample ID: **MB-170927** Client ID:
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/L** Prep Date: **01/07/2013** Run No: **236097**
BatchID: **170927** Analysis Date: **01/07/2013** Seq No: **4943890**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	50	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170927

Sample ID: **MB-170927** Client ID:
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/L** Prep Date: **01/07/2013** Run No: **236097**
BatchID: **170927** Analysis Date: **01/07/2013** Seq No: **4943890**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	5.0	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	2.0	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	39.79	0	50	0	79.6	64.6	123	0	0	0	
Surr: Dibromofluoromethane	58.71	0	50	0	117	76.6	133	0	0	0	
Surr: Toluene-d8	49.93	0	50	0	99.9	77.8	120	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170927

Sample ID: **LCS-170927** Client ID: Units: **ug/L** Prep Date: **01/07/2013** Run No: **236097**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170927** Analysis Date: **01/07/2013** Seq No: **4943889**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	53.09	5.0	50	0	106	61.1	142	0	0	0	
Benzene	54.43	5.0	50	0	109	73.5	130	0	0	0	
Chlorobenzene	53.58	5.0	50	0	107	72.4	123	0	0	0	
Toluene	55.58	5.0	50	0	111	73.6	130	0	0	0	
Trichloroethene	53.51	5.0	50	0	107	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	54.00	0	50	0	108	64.6	123	0	0	0	
Surr: Dibromofluoromethane	58.44	0	50	0	117	76.6	133	0	0	0	
Surr: Toluene-d8	53.86	0	50	0	108	77.8	120	0	0	0	

Sample ID: **1301270-001AMS** Client ID: Units: **ug/L** Prep Date: **01/07/2013** Run No: **236097**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170927** Analysis Date: **01/07/2013** Seq No: **4943892**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	581900	50000	500000	0	116	60	168	0	0	0	
Benzene	578100	50000	500000	0	116	66.6	148	0	0	0	
Chlorobenzene	580000	50000	500000	0	116	71.9	135	0	0	0	
Toluene	1406000	50000	500000	792400	123	68	149	0	0	0	
Trichloroethene	566200	50000	500000	0	113	71.1	154	0	0	0	
Surr: 4-Bromofluorobenzene	521400	0	500000	0	104	64.6	123	0	0	0	
Surr: Dibromofluoromethane	602000	0	500000	0	120	76.6	133	0	0	0	
Surr: Toluene-d8	534400	0	500000	0	107	77.8	120	0	0	0	

Sample ID: **1301270-001AMSD** Client ID: Units: **ug/L** Prep Date: **01/07/2013** Run No: **236097**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170927** Analysis Date: **01/07/2013** Seq No: **4943893**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	546600	50000	500000	0	109	60	168	581900	6.26	18.6	
Benzene	569500	50000	500000	0	114	66.6	148	578100	1.5	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170927

Sample ID: **1301270-001AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/L** Prep Date: **01/07/2013** Run No: **236097**
BatchID: **170927** Analysis Date: **01/07/2013** Seq No: **4943893**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	564400	50000	500000	0	113	71.9	135	580000	2.73	20	
Toluene	1325000	50000	500000	792400	106	68	149	1406000	5.95	20	
Trichloroethene	572700	50000	500000	0	115	71.1	154	566200	1.14	20	
Surr: 4-Bromofluorobenzene	515900	0	500000	0	103	64.6	123	521400	0	0	
Surr: Dibromofluoromethane	601400	0	500000	0	120	76.6	133	602000	0	0	
Surr: Toluene-d8	522100	0	500000	0	104	77.8	120	534400	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170929

Sample ID: **MB-170929** Client ID:
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg** Prep Date: **01/07/2013** Run No: **236088**
BatchID: **170929** Analysis Date: **01/07/2013** Seq No: **4943659**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	100	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170929

Sample ID: **MB-170929** Client ID:
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg** Prep Date: **01/07/2013** Run No: **236088**
BatchID: **170929** Analysis Date: **01/07/2013** Seq No: **4943659**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	20	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	44.58	0	50	0	89.2	63.8	133	0	0	0	
Surr: Dibromofluoromethane	54.35	0	50	0	109	74.3	130	0	0	0	
Surr: Toluene-d8	46.54	0	50	0	93.1	72.8	122	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170929

Sample ID: **LCS-170929**	Client ID:		Units: **ug/Kg**	Prep Date: **01/07/2013**	Run No: **236088**
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **170929**	Analysis Date: **01/07/2013**	Seq No: **4944286**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	57.52	5.0	50	0	115	63.1	140	0	0	0	
Benzene	57.67	5.0	50	0	115	70.2	130	0	0	0	
Chlorobenzene	59.96	5.0	50	0	120	70	126	0	0	0	
Toluene	61.48	5.0	50	0	123	70.5	130	0	0	0	
Trichloroethene	66.67	5.0	50	0	133	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	54.31	0	50	0	109	63.8	133	0	0	0	
Surr: Dibromofluoromethane	53.39	0	50	0	107	74.3	130	0	0	0	
Surr: Toluene-d8	51.02	0	50	0	102	72.8	122	0	0	0	

Sample ID: **1301254-017AMS**	Client ID: **SS-14 0.5-1'**		Units: **ug/Kg-dry**	Prep Date: **01/07/2013**	Run No: **236144**
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **170929**	Analysis Date: **01/07/2013**	Seq No: **4944742**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	54.21	5.8	57.88	0	93.7	58.8	157	0	0	0	
Benzene	58.56	5.8	57.88	0	101	66.3	139	0	0	0	
Chlorobenzene	58.66	5.8	57.88	0	101	67.8	131	0	0	0	
Toluene	59.00	5.8	57.88	0	102	66	138	0	0	0	
Trichloroethene	57.26	5.8	57.88	0	98.9	72.5	141	0	0	0	
Surr: 4-Bromofluorobenzene	69.03	0	57.88	0	119	63.8	133	0	0	0	
Surr: Dibromofluoromethane	60.98	0	57.88	0	105	74.3	130	0	0	0	
Surr: Toluene-d8	58.12	0	57.88	0	100	72.8	122	0	0	0	

Sample ID: **1301254-017AMSD**	Client ID: **SS-14 0.5-1'**		Units: **ug/Kg-dry**	Prep Date: **01/07/2013**	Run No: **236144**
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**		BatchID: **170929**	Analysis Date: **01/07/2013**	Seq No: **4944744**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	53.36	5.8	57.88	0	92.2	58.8	157	54.21	1.59	21.9	
Benzene	56.45	5.8	57.88	0	97.5	66.3	139	58.56	3.66	22.3	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170929

Sample ID: **1301254-017AMSD** Client ID: **SS-14 0.5-1'** Units: **ug/Kg-dry** Prep Date: **01/07/2013** Run No: **236144**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **170929** Analysis Date: **01/07/2013** Seq No: **4944744**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	57.16	5.8	57.88	0	98.7	67.8	131	58.66	2.6	17.3	
Toluene	55.87	5.8	57.88	0	96.5	66	138	59.00	5.44	18.1	
Trichloroethene	54.42	5.8	57.88	0	94	72.5	141	57.26	5.08	18.7	
Surr: 4-Bromofluorobenzene	66.47	0	57.88	0	115	63.8	133	69.03	0	0	
Surr: Dibromofluoromethane	59.77	0	57.88	0	103	74.3	130	60.98	0	0	
Surr: Toluene-d8	57.04	0	57.88	0	98.5	72.8	122	58.12	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170999

Sample ID: **MB-170999** Client ID:
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg** Prep Date: **01/08/2013** Run No: **236168**
BatchID: **170999** Analysis Date: **01/08/2013** Seq No: **4945366**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	250	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	250	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
2-Butanone	BRL	2500	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	500	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	500	0	0	0	0	0	0	0	0	
Acetone	BRL	5000	0	0	0	0	0	0	0	0	
Benzene	BRL	250	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	250	0	0	0	0	0	0	0	0	
Bromoform	BRL	250	0	0	0	0	0	0	0	0	
Bromomethane	BRL	250	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	500	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	250	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	250	0	0	0	0	0	0	0	0	
Chloroethane	BRL	500	0	0	0	0	0	0	0	0	
Chloroform	BRL	250	0	0	0	0	0	0	0	0	
Chloromethane	BRL	500	0	0	0	0	0	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170999

Sample ID: **MB-170999** Client ID:
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg** BatchID: **170999**
Prep Date: **01/08/2013** Analysis Date: **01/08/2013**
Run No: **236168** Seq No: **4945366**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	250	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	250	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	500	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	250	0	0	0	0	0	0	0	0	
Freon-113	BRL	500	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	250	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	250	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	250	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	250	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	1000	0	0	0	0	0	0	0	0	
Styrene	BRL	250	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	250	0	0	0	0	0	0	0	0	
Toluene	BRL	250	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	250	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	250	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	250	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	250	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	500	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	250	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	2170	0	2500	0	86.8	63.8	133	0	0	0	
Surr: Dibromofluoromethane	2374	0	2500	0	95	74.3	130	0	0	0	
Surr: Toluene-d8	2282	0	2500	0	91.3	72.8	122	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170999

Sample ID: **LCS-170999** Client ID:
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg** Prep Date: **01/08/2013** Run No: **236168**
BatchID: **170999** Analysis Date: **01/08/2013** Seq No: **4945364**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2388	250	2500	0	95.5	63.1	140	0	0	0	
Benzene	2612	250	2500	0	104	70.2	130	0	0	0	
Chlorobenzene	2774	250	2500	0	111	70	126	0	0	0	
Toluene	2578	250	2500	0	103	70.5	130	0	0	0	
Trichloroethene	2706	250	2500	0	108	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	2352	0	2500	0	94.1	63.8	133	0	0	0	
Surr: Dibromofluoromethane	2491	0	2500	0	99.6	74.3	130	0	0	0	
Surr: Toluene-d8	2390	0	2500	0	95.6	72.8	122	0	0	0	

Sample ID: **1301327-001AMS** Client ID:
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **01/08/2013** Run No: **236168**
BatchID: **170999** Analysis Date: **01/08/2013** Seq No: **4945369**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	4101	480	4843	0	84.7	58.8	157	0	0	0	
Benzene	5182	480	4843	509.5	96.5	66.3	139	0	0	0	
Chlorobenzene	4924	480	4843	0	102	67.8	131	0	0	0	
Toluene	26990	480	4843	22470	93.3	66	138	0	0	0	E
Trichloroethene	4814	480	4843	0	99.4	72.5	141	0	0	0	
Surr: 4-Bromofluorobenzene	4514	0	4843	0	93.2	63.8	133	0	0	0	
Surr: Dibromofluoromethane	4473	0	4843	0	92.4	74.3	130	0	0	0	
Surr: Toluene-d8	4522	0	4843	0	93.4	72.8	122	0	0	0	

Sample ID: **1301327-001AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **01/08/2013** Run No: **236168**
BatchID: **170999** Analysis Date: **01/08/2013** Seq No: **4945371**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	3873	480	4843	0	80	58.8	157	4101	5.71	21.9	
Benzene	5103	480	4843	509.5	94.9	66.3	139	5182	1.53	22.3	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301254

ANALYTICAL QC SUMMARY REPORT

BatchID: 170999

Sample ID: **1301327-001AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **01/08/2013** Run No: **236168**
BatchID: **170999** Analysis Date: **01/08/2013** Seq No: **4945371**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	4892	480	4843	0	101	67.8	131	4924	0.651	17.3	
Toluene	26530	480	4843	22470	83.7	66	138	26990	1.74	18.1	E
Trichloroethene	4773	480	4843	0	98.6	72.5	141	4814	0.849	18.7	
Surr: 4-Bromofluorobenzene	4372	0	4843	0	90.3	63.8	133	4514	0	0	
Surr: Dibromofluoromethane	4347	0	4843	0	89.8	74.3	130	4473	0	0	
Surr: Toluene-d8	4530	0	4843	0	93.5	72.8	122	4522	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 16, 2013

Lindsey Maddox
AMEC E&I, Inc.
396 Plasters Ave
Atlanta GA 30324

TEL: (404) 873-4761
FAX: (404) 817-0183

RE: Legion Industries

Dear Lindsey Maddox: Order No: 1301702

Analytical Environmental Services, Inc. received 2 samples on 1/4/2013 3:05:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/12-06/30/13.
-AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Tara Esbeck

Tara Esbeck
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1301702 (1301654-LE) 1/14/13

Date: 1/4/13 Page 1 of 2

COMPANY:	ADDRESS:
AMEC E+I, INC	396 PLASTERS AVE ATLANTA, GA 30324
PHONE: 404-817-0152	FAX:
SAMPLED BY: STEPHEN R. FOLEY	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs + 14-OXYGS 8260B	Pesticides	PRESERVATION (See codes) S/M+I	PRESERVATION (See codes) I	REMARKS	No # of Containers
1	GP-13-2'	1/3/12	1220	X		SO						5
2	GP-13-6'		1230								HOLD	5
3	GP-14-3'		1247								HOLD	5
4	GP-14-6'		1254								HOLD	5
5	GP-9-3'		1311				X	X				5
6	GP-9-5'		1317								HOLD	5
7	GP-10-2-2½'		1334				X	X				5
8	GP-10 4-4½		1341								HOLD	5
9	GP-12 2-2½		1400				X	X				5
10	GP-17 2-2½		1421								HOLD	5
11	GP-11 2-2½		1455				X	X				5
12	GP-16 2-2½		1515								HOLD	5
13	GP-18 2-2½		1535								HOLD	5
14	GP-19 2-2½		1552								HOLD	5

ANALYSIS REQUESTED

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	1/4/13 1505	1: Cataya P	1/4/13 3:05pm
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: LEGGN INDUSTRIES
PROJECT #: 6121-09-0444
SITE ADDRESS: 390 MILLS ROAD WAYNESBORO, GA
SEND REPORT TO: STEPHEN FOLEY
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT

Total # of Containers: 70

Turnaround Time Request
- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ⊗ Other 3-DAY

STATE PROGRAM (if any):
E-mail? Y / N: Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

1301702

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: ~~1301254~~ LE 1/4/13

Date: 1/4/13 Page 2 of 2

COMPANY:	ADDRESS:
AMEC E&I, INC	396 PLASTICS AVE ATLANTA, GA 30324
PHONE: 404-817-0152	FAX:
SAMPLED BY: STEPHEN R. FOLEY	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes) S/M+I	PRESERVATION (See codes) I	REMARKS	No # of Containers
1	SS-13 0.5-1'	1/4/13	0835	X		SO	X	X		5
2	SS-13 2-2.5'		0840							5
3	SS-14 0.5-1'		0900							5
4	SS-14 2-2.5'		0906							5
5	SS-15 0.5-1'		0935							5
6	SS-15 2-2.5'		0941							5
7	SS-16 0.5-1'		0948							5
8	SS-16 2-2.5'		0955							5
9	SS-17 0.5-1'		1003							5
10	SS-17 2-2.5'		1009							5
11	TRIP BLANK									2
12										
13										
14										

ANALYSIS REQUESTED: VOCs + 1,4-Dioxane 8260 SIM; PESTICIDES

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	1/4/13 1505	1: Cataya P	1/4/13 3:05pm
2:		2:	
3:		3:	

PROJECT INFORMATION
PROJECT NAME: LEGION INDUSTRIES
PROJECT #: 6121-09-0444
SITE ADDRESS: 370 MILL RD WAYNESBORO, GA
SEND REPORT TO: STEPHEN FOLEY
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers: 52

Turnaround Time Request
- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ☒ Other 3-DAY

STATE PROGRAM (if any):
E-mail? Y / N: Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 16-Jan-13

Client:	AMEC E&I, Inc.
Project:	Legion Industries
Lab ID:	1301702

Case Narrative

Per Steve Foley email, analyze "GP 15 2-2.5" for pesticides and "GP 17 2-2.5" for VOC at 3-day turn 1/10/13

Analytical Environmental Services, Inc **Date:** 16-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-15-2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 4:04:00 PM
Lab ID:	1301702-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
4,4'-DDE	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
4,4'-DDT	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Aldrin	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
alpha-BHC	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
alpha-Chlordane	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
beta-BHC	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
delta-BHC	4.0	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Dieldrin	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Endosulfan I	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Endosulfan II	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Endrin	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Endrin aldehyde	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Endrin ketone	BRL	3.7		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
gamma-BHC	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
gamma-Chlordane	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Heptachlor	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Heptachlor epoxide	BRL	1.8		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Methoxychlor	BRL	18		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Toxaphene	BRL	180		ug/Kg-dry	169632	1	01/15/2013 10:41	KD
Surr: Decachlorobiphenyl	92.4	25.1-119		%REC	169632	1	01/15/2013 10:41	KD
Surr: Tetrachloro-m-xylene	86.6	28.4-116		%REC	169632	1	01/15/2013 10:41	KD
PERCENT MOISTURE D2216								
Percent Moisture	9.20	0		wt%	R236590	1	01/15/2013 12:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 16-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-17 2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 2:21:00 PM
Lab ID:	1301702-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,4-Dioxane	BRL	140		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Dichlorodifluoromethane	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Chloromethane	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Vinyl chloride	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Bromomethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Chloroethane	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Trichlorofluoromethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Acetone	BRL	90		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Freon-113	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Carbon disulfide	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Methyl acetate	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Methylene chloride	BRL	18		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Methyl tert-butyl ether	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,1-Dichloroethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
2-Butanone	BRL	45		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Chloroform	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,1,1-Trichloroethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Cyclohexane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Carbon tetrachloride	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Benzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,2-Dichloroethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Trichloroethene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Methylcyclohexane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,2-Dichloropropane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Bromodichloromethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
cis-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
4-Methyl-2-pentanone	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Toluene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
trans-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,1,2-Trichloroethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
2-Hexanone	BRL	9.0		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Tetrachloroethene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Dibromochloromethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,2-Dibromoethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Chlorobenzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Ethylbenzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Styrene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Bromoform	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 16-Jan-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	GP-17 2-2 1/2'
Project Name:	Legion Industries	**Collection Date:**	1/3/2013 2:21:00 PM
Lab ID:	1301702-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Isopropylbenzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,3-Dichlorobenzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,4-Dichlorobenzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,2-Dichlorobenzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,2-Dibromo-3-chloropropane	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
1,2,4-Trichlorobenzene	BRL	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Xylenes, Total	21	4.5		ug/Kg-dry	171115	1	01/10/2013 18:18	MD
Surr: 4-Bromofluorobenzene	92.3	63.8-133		%REC	171115	1	01/10/2013 18:18	MD
Surr: Dibromofluoromethane	103	74.3-130		%REC	171115	1	01/10/2013 18:18	MD
Surr: Toluene-d8	88.1	72.8-122		%REC	171115	1	01/10/2013 18:18	MD
PERCENT MOISTURE D2216								
Percent Moisture	16.4	0		wt%	R236590	1	01/15/2013 12:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client AMEC Work Order Number 1301702 ~~1301254~~ LE 1/14/13

Checklist completed by _____ 01/04/2013
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition?	Yes ✓	No __	Not Present __
Custody seals intact on shipping container/cooler?	Yes __	No __	Not Present ✓
Custody seals intact on sample bottles?	Yes __	No __	Not Present ✓
Container/Temp Blank temperature in compliance? (4°C±2)*	Yes ✓	No __	

Cooler #1 3.5 Cooler #2 3.4 Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present?	Yes ✓	No __
Chain of custody signed when relinquished and received?	Yes ✓	No __
Chain of custody agrees with sample labels?	Yes __	No ✓
Samples in proper container/bottle?	Yes ✓	No __
Sample containers intact?	Yes ✓	No __
Sufficient sample volume for indicated test?	Yes ✓	No __
All samples received within holding time?	Yes ✓	No __
Was TAT marked on the COC?	Yes ✓	No __
Proceed with Standard TAT as per project history?	Yes __	No __ Not Applicable ✓
Water - VOA vials have zero headspace?	No VOA vials submitted ✓	Yes __ No __
Water - pH acceptable upon receipt?	Yes __	No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301702

ANALYTICAL QC SUMMARY REPORT

BatchID: 169632

Sample ID: **MB-169632** Client ID: Units: **ug/Kg** Prep Date: **01/14/2013** Run No: **236536**
SampleType: **MBLK** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **169632** Analysis Date: **01/15/2013** Seq No: **4953043**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4'-DDD	BRL	3.3	0	0	0	0	0	0	0	0	
4,4'-DDE	BRL	3.3	0	0	0	0	0	0	0	0	
4,4'-DDT	BRL	3.3	0	0	0	0	0	0	0	0	
Aldrin	BRL	1.7	0	0	0	0	0	0	0	0	
alpha-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
alpha-Chlordane	BRL	1.7	0	0	0	0	0	0	0	0	
beta-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
delta-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
Dieldrin	BRL	3.3	0	0	0	0	0	0	0	0	
Endosulfan I	BRL	1.7	0	0	0	0	0	0	0	0	
Endosulfan II	BRL	3.3	0	0	0	0	0	0	0	0	
Endosulfan sulfate	BRL	3.3	0	0	0	0	0	0	0	0	
Endrin	BRL	3.3	0	0	0	0	0	0	0	0	
Endrin aldehyde	BRL	3.3	0	0	0	0	0	0	0	0	
Endrin ketone	BRL	3.3	0	0	0	0	0	0	0	0	
gamma-BHC	BRL	1.7	0	0	0	0	0	0	0	0	
gamma-Chlordane	BRL	1.7	0	0	0	0	0	0	0	0	
Heptachlor	BRL	1.7	0	0	0	0	0	0	0	0	
Heptachlor epoxide	BRL	1.7	0	0	0	0	0	0	0	0	
Methoxychlor	BRL	17	0	0	0	0	0	0	0	0	
Toxaphene	BRL	170	0	0	0	0	0	0	0	0	
Surr: Decachlorobiphenyl	16.73	0	16.67	0	100	25.1	119	0	0	0	
Surr: Tetrachloro-m-xylene	14.42	0	16.67	0	86.5	28.4	116	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301702

ANALYTICAL QC SUMMARY REPORT

BatchID: 169632

Sample ID: **LCS-169632** Client ID:
SampleType: **LCS** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B**
Units: **ug/Kg** Prep Date: **01/14/2013** Run No: **236536**
BatchID: **169632** Analysis Date: **01/15/2013** Seq No: **4953044**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4'-DDT	36.59	3.3	33.33	0	110	41.7	134	0	0	0	
Aldrin	30.40	1.7	33.33	0	91.2	40.6	115	0	0	0	
Dieldrin	34.42	3.3	33.33	0	103	44.2	122	0	0	0	
Endrin	38.04	3.3	33.33	0	114	42.9	126	0	0	0	
gamma-BHC	34.35	1.7	33.33	0	103	40.4	120	0	0	0	
Heptachlor	34.88	1.7	33.33	0	105	41.1	117	0	0	0	
Surr: Decachlorobiphenyl	17.73	0	16.67	0	106	25.1	119	0	0	0	
Surr: Tetrachloro-m-xylene	14.60	0	16.67	0	87.6	28.4	116	0	0	0	

Sample ID: **1301702-001BMS** Client ID: **GP-15-2-2 1/2'**
SampleType: **MS** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B**
Units: **ug/Kg-dry** Prep Date: **01/14/2013** Run No: **236536**
BatchID: **169632** Analysis Date: **01/15/2013** Seq No: **4953050**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4'-DDT	35.30	3.7	36.6	0	96.5	28.4	130	0	0	0	
Aldrin	29.59	1.8	36.6	0	80.9	31.8	117	0	0	0	
Dieldrin	33.54	3.7	36.6	1.298	88.1	30.7	131	0	0	0	
Endrin	36.95	3.7	36.6	0	101	38.3	129	0	0	0	
gamma-BHC	34.53	1.8	36.6	0	94.3	32.4	127	0	0	0	
Heptachlor	35.48	1.8	36.6	0	97	32	122	0	0	0	
Surr: Decachlorobiphenyl	16.00	0	18.3	0	87.4	25.1	119	0	0	0	
Surr: Tetrachloro-m-xylene	16.06	0	18.3	0	87.7	28.4	116	0	0	0	

Sample ID: **1301702-001BMSD** Client ID: **GP-15-2-2 1/2'**
SampleType: **MSD** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B**
Units: **ug/Kg-dry** Prep Date: **01/14/2013** Run No: **236536**
BatchID: **169632** Analysis Date: **01/15/2013** Seq No: **4953051**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4'-DDT	36.70	3.7	36.64	0	100	28.4	130	35.30	3.9	28.6	
Aldrin	30.22	1.8	36.64	0	82.5	31.8	117	29.59	2.11	26	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301702

ANALYTICAL QC SUMMARY REPORT

BatchID: 169632

Sample ID: **1301702-001BMSD** Client ID: **GP-15-2-2 1/2'** Units: **ug/Kg-dry** Prep Date: **01/14/2013** Run No: **236536**
SampleType: **MSD** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **169632** Analysis Date: **01/15/2013** Seq No: **4953051**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Dieldrin	34.56	3.7	36.64	1.298	90.8	30.7	131	33.54	2.98	21.4	
Endrin	38.23	3.7	36.64	0	104	38.3	129	36.95	3.41	21.4	
gamma-BHC	35.89	1.8	36.64	0	98	32.4	127	34.53	3.86	26.1	
Heptachlor	36.06	1.8	36.64	0	98.4	32	122	35.48	1.62	28.9	
Surr: Decachlorobiphenyl	16.02	0	18.32	0	87.5	25.1	119	16.00	0	0	
Surr: Tetrachloro-m-xylene	16.28	0	18.32	0	88.9	28.4	116	16.06	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301702

ANALYTICAL QC SUMMARY REPORT

BatchID: 171115

Sample ID: **MB-171115** Client ID:
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg** BatchID: **171115**
Prep Date: **01/10/2013** Analysis Date: **01/10/2013**
Run No: **236348** Seq No: **4949828**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	5.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	BRL	5.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
1,4-Dioxane	BRL	150	0	0	0	0	0	0	0	0	
2-Butanone	BRL	50	0	0	0	0	0	0	0	0	
2-Hexanone	BRL	10	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	BRL	10	0	0	0	0	0	0	0	0	
Acetone	BRL	100	0	0	0	0	0	0	0	0	
Benzene	BRL	5.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Bromoform	BRL	5.0	0	0	0	0	0	0	0	0	
Bromomethane	BRL	5.0	0	0	0	0	0	0	0	0	
Carbon disulfide	BRL	10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	5.0	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Chloroethane	BRL	10	0	0	0	0	0	0	0	0	
Chloroform	BRL	5.0	0	0	0	0	0	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301702

ANALYTICAL QC SUMMARY REPORT

BatchID: 171115

Sample ID: **MB-171115** Client ID:
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg** Prep Date: **01/10/2013** Run No: **236348**
BatchID: **171115** Analysis Date: **01/10/2013** Seq No: **4949828**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Cyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	BRL	10	0	0	0	0	0	0	0	0	
Ethylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Freon-113	BRL	10	0	0	0	0	0	0	0	0	
Isopropylbenzene	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl acetate	BRL	5.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	BRL	5.0	0	0	0	0	0	0	0	0	
Methylcyclohexane	BRL	5.0	0	0	0	0	0	0	0	0	
Methylene chloride	BRL	20	0	0	0	0	0	0	0	0	
Styrene	BRL	5.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Toluene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	5.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	BRL	5.0	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	10	0	0	0	0	0	0	0	0	
Xylenes, Total	BRL	5.0	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	41.77	0	50	0	83.5	63.8	133	0	0	0	
Surr: Dibromofluoromethane	53.31	0	50	0	107	74.3	130	0	0	0	
Surr: Toluene-d8	44.77	0	50	0	89.5	72.8	122	0	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301702

ANALYTICAL QC SUMMARY REPORT

BatchID: 171115

Sample ID: **LCS-171115** Client ID:
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg** Prep Date: **01/10/2013** Run No: **236348**
BatchID: **171115** Analysis Date: **01/10/2013** Seq No: **4949838**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	55.31	5.0	50	0	111	63.1	140	0	0	0	
Benzene	51.33	5.0	50	0	103	70.2	130	0	0	0	
Chlorobenzene	55.78	5.0	50	0	112	70	126	0	0	0	
Toluene	51.72	5.0	50	0	103	70.5	130	0	0	0	
Trichloroethene	48.77	5.0	50	0	97.5	70	135	0	0	0	
Surr: 4-Bromofluorobenzene	55.56	0	50	0	111	63.8	133	0	0	0	
Surr: Dibromofluoromethane	51.65	0	50	0	103	74.3	130	0	0	0	
Surr: Toluene-d8	47.15	0	50	0	94.3	72.8	122	0	0	0	

Sample ID: **1301702-002AMS** Client ID: **GP-17 2-2 1/2'**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **01/10/2013** Run No: **236348**
BatchID: **171115** Analysis Date: **01/10/2013** Seq No: **4949847**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	54.01	6.0	59.77	0	90.4	58.8	157	0	0	0	
Benzene	54.55	6.0	59.77	0	91.3	66.3	139	0	0	0	
Chlorobenzene	62.81	6.0	59.77	0	105	67.8	131	0	0	0	
Toluene	55.97	6.0	59.77	0	93.6	66	138	0	0	0	
Trichloroethene	55.27	6.0	59.77	0	92.5	72.5	141	0	0	0	
Surr: 4-Bromofluorobenzene	63.19	0	59.77	0	106	63.8	133	0	0	0	
Surr: Dibromofluoromethane	58.90	0	59.77	0	98.5	74.3	130	0	0	0	
Surr: Toluene-d8	54.53	0	59.77	0	91.2	72.8	122	0	0	0	

Sample ID: **1301702-002AMSD** Client ID: **GP-17 2-2 1/2'**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **01/10/2013** Run No: **236348**
BatchID: **171115** Analysis Date: **01/10/2013** Seq No: **4949850**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	54.92	6.0	59.77	0	91.9	58.8	157	54.01	1.67	21.9	
Benzene	56.02	6.0	59.77	0	93.7	66.3	139	54.55	2.66	22.3	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1301702

ANALYTICAL QC SUMMARY REPORT

BatchID: 171115

Sample ID: **1301702-002AMSD** Client ID: **GP-17 2-2 1/2'** Units: **ug/Kg-dry** Prep Date: **01/10/2013** Run No: **236348**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **171115** Analysis Date: **01/10/2013** Seq No: **4949850**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	61.89	6.0	59.77	0	104	67.8	131	62.81	1.48	17.3	
Toluene	56.83	6.0	59.77	0	95.1	66	138	55.97	1.53	18.1	
Trichloroethene	55.83	6.0	59.77	0	93.4	72.5	141	55.27	1.01	18.7	
Surr: 4-Bromofluorobenzene	62.85	0	59.77	0	105	63.8	133	63.19	0	0	
Surr: Dibromofluoromethane	57.41	0	59.77	0	96	74.3	130	58.90	0	0	
Surr: Toluene-d8	54.57	0	59.77	0	91.3	72.8	122	54.53	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 20, 2013

Steve Foley
AMEC E&I, Inc.
396 Plasters Ave
Atlanta GA 30324

TEL: (404) 873-4761
FAX: (404) 817-0183

RE: Legion Industries

Dear Steve Foley: Order No: 1306F40

Analytical Environmental Services, Inc. received 12 samples on 6/18/2013 9:45:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/12-06/30/13.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Tara Esbeck

Tara Esbeck
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1306F40

Date: 6/18/13 Page 1 of 1

COMPANY: AMEC E+I

ADDRESS: 396 PLASTERS AVE ATLANTA, GA

PHONE: 404-817-0152

FAX:

SAMPLED BY: STEPHEN FOLEY

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)			No # of Containers	REMARKS
							S/I	I	S/M		
1	CS-1	6/17/13	1210	X		SO			X	4	
2	CS-2		1205						X	4	
3	CS-3		1213						X	4	
4	CS-4		1207						X	4	
5	CS-5		1159						X	4	
6	CS-6		1155						X	4	
7	CS-7		1150						X	4	
8	CS-8		1136				X	X	~~X~~	5	
9	CS-9		1120				X	X	~~X~~	5	
10	CS-10		1217						X	4	
11	CS-11		1220						X	4	
12	CS-12		1227						X	4	
13	CS-13		1247						X	4	
14											

ANALYSIS REQUESTED: VOCs 8260 B; PESTICIDES TRICHLOROETHENE 8260 B

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY: DATE/TIME
1: 6/18/13 0945

RECEIVED BY: DATE/TIME
1: 6/18/13 9:45AM

2:

3:

PROJECT INFORMATION
PROJECT NAME: CEGION INDUSTRIES
PROJECT #: 6121-09-0444
SITE ADDRESS: WAYNESBORO, GA
SEND REPORT TO: STEPHEN FOLEY
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers: 54

Turnaround Time Request
- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ⊗ Next Business Day Rush
- ○ Same Day Rush (auth req.)
- ○ Other

STATE PROGRAM (if any):
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

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

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

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 20-Jun-13

Client:	AMEC E&I, Inc.
Project:	Legion Industries
Lab ID:	1306F40

Case Narrative

Per Steve Foley email 6/18, place samples CS-10, CS-11, CS-12, and CS-13 on hold.

Per Steve Foley phone on 6/20/13, samples CS-10, CS-11, and CS-12, were analyzed ASAP.

Analytical Environmental Services, Inc **Date:** 20-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS-1
Project Name:	Legion Industries	**Collection Date:**	6/17/2013 12:10:00 PM
Lab ID:	1306F40-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
Trichloroethene	64	3.6		ug/Kg-dry	177573	1	06/18/2013 12:29	MD
Surr: 4-Bromofluorobenzene	76.5	63.8-133		%REC	177573	1	06/18/2013 12:29	MD
Surr: Dibromofluoromethane	109	74.3-130		%REC	177573	1	06/18/2013 12:29	MD
Surr: Toluene-d8	86.4	72.8-122		%REC	177573	1	06/18/2013 12:29	MD
PERCENT MOISTURE D2216								
Percent Moisture	6.90	0		wt%	R246376	1	06/18/2013 17:00	LW

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS-2
Project Name:	Legion Industries	**Collection Date:**	6/17/2013 12:05:00 PM
Lab ID:	1306F40-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
Trichloroethene	32	5.8		ug/Kg-dry	177573	1	06/18/2013 12:57	MD
Surr: 4-Bromofluorobenzene	88.2	63.8-133		%REC	177573	1	06/18/2013 12:57	MD
Surr: Dibromofluoromethane	104	74.3-130		%REC	177573	1	06/18/2013 12:57	MD
Surr: Toluene-d8	90.8	72.8-122		%REC	177573	1	06/18/2013 12:57	MD
PERCENT MOISTURE D2216								
Percent Moisture	5.13	0		wt%	R246376	1	06/18/2013 17:00	LW

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS-3
Project Name:	Legion Industries	**Collection Date:**	6/17/2013 12:13:00 PM
Lab ID:	1306F40-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
Trichloroethene	74000	3100		ug/Kg-dry	177552	500	06/18/2013 17:17	GK
Surr: 4-Bromofluorobenzene	89	63.8-133		%REC	177552	500	06/18/2013 17:17	GK
Surr: Dibromofluoromethane	93.5	74.3-130		%REC	177552	500	06/18/2013 17:17	GK
Surr: Toluene-d8	95.5	72.8-122		%REC	177552	500	06/18/2013 17:17	GK
PERCENT MOISTURE D2216								
Percent Moisture	12.9	0		wt%	R246376	1	06/18/2013 17:00	LW

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS-4
Project Name:	Legion Industries	**Collection Date:**	6/17/2013 12:07:00 PM
Lab ID:	1306F40-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
Trichloroethene	2700	260		ug/Kg-dry	177552	50	06/18/2013 16:18	GK
Surr: 4-Bromofluorobenzene	91.3	63.8-133		%REC	177552	50	06/18/2013 16:18	GK
Surr: Dibromofluoromethane	93.4	74.3-130		%REC	177552	50	06/18/2013 16:18	GK
Surr: Toluene-d8	92.5	72.8-122		%REC	177552	50	06/18/2013 16:18	GK
PERCENT MOISTURE D2216								
Percent Moisture	13.1	0		wt%	R246376	1	06/18/2013 17:00	LW

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS-5
Project Name:	Legion Industries	**Collection Date:**	6/17/2013 11:59:00 AM
Lab ID:	1306F40-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
Trichloroethene	4600	260		ug/Kg-dry	177552	50	06/18/2013 16:48	GK
Surr: 4-Bromofluorobenzene	92.3	63.8-133		%REC	177552	50	06/18/2013 16:48	GK
Surr: Dibromofluoromethane	89.2	74.3-130		%REC	177552	50	06/18/2013 16:48	GK
Surr: Toluene-d8	94.2	72.8-122		%REC	177552	50	06/18/2013 16:48	GK
PERCENT MOISTURE D2216								
Percent Moisture	13.0	0		wt%	R246376	1	06/18/2013 17:00	LW

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS-6
Project Name:	Legion Industries	**Collection Date:**	6/17/2013 11:55:00 AM
Lab ID:	1306F40-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
Trichloroethene	61	4.9		ug/Kg-dry	177573	1	06/18/2013 15:50	MD
Surr: 4-Bromofluorobenzene	93.7	63.8-133		%REC	177573	1	06/18/2013 15:50	MD
Surr: Dibromofluoromethane	99	74.3-130		%REC	177573	1	06/18/2013 15:50	MD
Surr: Toluene-d8	93.2	72.8-122		%REC	177573	1	06/18/2013 15:50	MD
PERCENT MOISTURE D2216								
Percent Moisture	8.04	0		wt%	R246376	1	06/18/2013 17:00	LW

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS-7
Project Name:	Legion Industries	**Collection Date:**	6/17/2013 11:50:00 AM
Lab ID:	1306F40-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
Trichloroethene	18	4.5		ug/Kg-dry	177573	1	06/18/2013 16:19	MD
Surr: 4-Bromofluorobenzene	88.9	63.8-133		%REC	177573	1	06/18/2013 16:19	MD
Surr: Dibromofluoromethane	99.6	74.3-130		%REC	177573	1	06/18/2013 16:19	MD
Surr: Toluene-d8	93.7	72.8-122		%REC	177573	1	06/18/2013 16:19	MD
PERCENT MOISTURE D2216								
Percent Moisture	14.0	0		wt%	R246376	1	06/18/2013 17:00	LW

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS-8
Project Name:	Legion Industries	**Collection Date:**	6/17/2013 11:36:00 AM
Lab ID:	1306F40-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,4-Dioxane	BRL	150		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Chloromethane	BRL	10		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Vinyl chloride	BRL	10		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Bromomethane	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Chloroethane	BRL	10		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Trichlorofluoromethane	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
1,1-Dichloroethene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Acetone	BRL	100		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Freon-113	BRL	10		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Carbon disulfide	BRL	10		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Methyl acetate	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Methylene chloride	BRL	20		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Methyl tert-butyl ether	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
trans-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
1,1-Dichloroethane	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
cis-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
2-Butanone	BRL	50		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Chloroform	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
1,1,1-Trichloroethane	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Cyclohexane	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Carbon tetrachloride	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Benzene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
1,2-Dichloroethane	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Trichloroethene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Methylcyclohexane	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
1,2-Dichloropropane	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Bromodichloromethane	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
cis-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Toluene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
trans-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
1,1,2-Trichloroethane	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
2-Hexanone	BRL	10		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Tetrachloroethene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Dibromochloromethane	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
1,2-Dibromoethane	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Chlorobenzene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Ethylbenzene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Styrene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Bromoform	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS-8
Project Name:	Legion Industries	**Collection Date:**	6/17/2013 11:36:00 AM
Lab ID:	1306F40-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Isopropylbenzene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
1,3-Dichlorobenzene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
1,4-Dichlorobenzene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
1,2-Dichlorobenzene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
1,2,4-Trichlorobenzene	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Xylenes, Total	BRL	5.0		ug/Kg-dry	177573	1	06/18/2013 16:47	MD
Surr: 4-Bromofluorobenzene	88.7	63.8-133		%REC	177573	1	06/18/2013 16:47	MD
Surr: Dibromofluoromethane	105	74.3-130		%REC	177573	1	06/18/2013 16:47	MD
Surr: Toluene-d8	92.7	72.8-122		%REC	177573	1	06/18/2013 16:47	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	BRL	3.7		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
4,4'-DDE	BRL	3.7		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
4,4'-DDT	4.9	3.7		ug/Kg-dry	177605	1	06/20/2013 13:29	KD
Aldrin	BRL	1.8		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
alpha-BHC	2.7	1.8		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
alpha-Chlordane	BRL	1.8		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
beta-BHC	BRL	1.8		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
delta-BHC	BRL	1.8		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
Dieldrin	BRL	3.7		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
Endosulfan I	BRL	1.8		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
Endosulfan II	BRL	3.7		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
Endrin	BRL	3.7		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
Endrin aldehyde	BRL	3.7		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
Endrin ketone	7.0	3.7		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
gamma-BHC	3.1	1.8		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
gamma-Chlordane	BRL	1.8		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
Heptachlor	BRL	1.8		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
Heptachlor epoxide	BRL	1.8		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
Methoxychlor	BRL	18		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
Toxaphene	BRL	180		ug/Kg-dry	177605	1	06/19/2013 14:05	KD
Surr: Decachlorobiphenyl	70.8	25.1-119		%REC	177605	1	06/19/2013 14:05	KD
Surr: Tetrachloro-m-xylene	75.1	28.4-116		%REC	177605	1	06/19/2013 14:05	KD
PERCENT MOISTURE D2216								
Percent Moisture	9.22	0		wt%	R246376	1	06/18/2013 17:00	LW

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS-9
Project Name:	Legion Industries	**Collection Date:**	6/17/2013 11:20:00 AM
Lab ID:	1306F40-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,4-Dioxane	BRL	180		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Dichlorodifluoromethane	BRL	12		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Chloromethane	BRL	12		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Vinyl chloride	BRL	12		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Bromomethane	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Chloroethane	BRL	12		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Trichlorofluoromethane	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
1,1-Dichloroethene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Acetone	BRL	120		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Freon-113	BRL	12		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Carbon disulfide	BRL	12		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Methyl acetate	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Methylene chloride	BRL	24		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Methyl tert-butyl ether	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
trans-1,2-Dichloroethene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
1,1-Dichloroethane	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
cis-1,2-Dichloroethene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
2-Butanone	BRL	61		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Chloroform	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
1,1,1-Trichloroethane	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Cyclohexane	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Carbon tetrachloride	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Benzene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
1,2-Dichloroethane	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Trichloroethene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Methylcyclohexane	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
1,2-Dichloropropane	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Bromodichloromethane	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
cis-1,3-Dichloropropene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
4-Methyl-2-pentanone	BRL	12		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Toluene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
trans-1,3-Dichloropropene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
1,1,2-Trichloroethane	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
2-Hexanone	BRL	12		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Tetrachloroethene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Dibromochloromethane	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
1,2-Dibromoethane	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Chlorobenzene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Ethylbenzene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Styrene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Bromoform	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS-9
Project Name:	Legion Industries	**Collection Date:**	6/17/2013 11:20:00 AM
Lab ID:	1306F40-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
1,1,2,2-Tetrachloroethane	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Isopropylbenzene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
1,3-Dichlorobenzene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
1,4-Dichlorobenzene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
1,2-Dichlorobenzene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
1,2-Dibromo-3-chloropropane	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
1,2,4-Trichlorobenzene	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Xylenes, Total	BRL	6.1		ug/Kg-dry	177573	1	06/18/2013 17:16	MD
Surr: 4-Bromofluorobenzene	90.7	63.8-133		%REC	177573	1	06/18/2013 17:16	MD
Surr: Dibromofluoromethane	106	74.3-130		%REC	177573	1	06/18/2013 17:16	MD
Surr: Toluene-d8	90.1	72.8-122		%REC	177573	1	06/18/2013 17:16	MD
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	2600	200		ug/Kg-dry	177605	50	06/19/2013 14:49	KD
4,4'-DDE	860	200		ug/Kg-dry	177605	50	06/19/2013 14:49	KD
4,4'-DDT	41000	3900		ug/Kg-dry	177605	1000	06/19/2013 15:13	KD
Aldrin	120	99		ug/Kg-dry	177605	50	06/19/2013 14:49	KD
alpha-BHC	6.6	2.0		ug/Kg-dry	177605	1	06/19/2013 14:16	KD
alpha-Chlordane	530	99		ug/Kg-dry	177605	50	06/19/2013 14:49	KD
beta-BHC	30	2.0		ug/Kg-dry	177605	1	06/19/2013 14:16	KD
delta-BHC	50	2.0		ug/Kg-dry	177605	1	06/19/2013 14:16	KD
Dieldrin	750	200		ug/Kg-dry	177605	50	06/19/2013 14:49	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	177605	1	06/19/2013 14:16	KD
Endosulfan II	BRL	3.9		ug/Kg-dry	177605	1	06/19/2013 14:16	KD
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	177605	1	06/19/2013 14:16	KD
Endrin	1300	200		ug/Kg-dry	177605	50	06/19/2013 14:49	KD
Endrin aldehyde	BRL	3.9		ug/Kg-dry	177605	1	06/19/2013 14:16	KD
Endrin ketone	1800	200		ug/Kg-dry	177605	50	06/19/2013 14:49	KD
gamma-BHC	5.7	2.0		ug/Kg-dry	177605	1	06/19/2013 14:16	KD
gamma-Chlordane	770	99		ug/Kg-dry	177605	50	06/19/2013 14:49	KD
Heptachlor	BRL	99		ug/Kg-dry	177605	50	06/19/2013 14:49	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	177605	1	06/19/2013 14:16	KD
Methoxychlor	BRL	20		ug/Kg-dry	177605	1	06/19/2013 14:16	KD
Toxaphene	50000	9900		ug/Kg-dry	177605	50	06/19/2013 14:49	KD
Surr: Decachlorobiphenyl	213	25.1-119	S	%REC	177605	1	06/19/2013 14:16	KD
Surr: Tetrachloro-m-xylene	81.8	28.4-116		%REC	177605	1	06/19/2013 14:16	KD
PERCENT MOISTURE D2216								
Percent Moisture	15.3	0		wt%	R246376	1	06/18/2013 17:00	LW

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS-10
Project Name:	Legion Industries	**Collection Date:**	6/17/2013 12:17:00 PM
Lab ID:	1306F40-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
Trichloroethene	980	210		ug/Kg-dry	177663	50	06/20/2013 13:45	JT
Surr: 4-Bromofluorobenzene	95.5	63.8-133		%REC	177663	50	06/20/2013 13:45	JT
Surr: Dibromofluoromethane	95.1	74.3-130		%REC	177663	50	06/20/2013 13:45	JT
Surr: Toluene-d8	95.6	72.8-122		%REC	177663	50	06/20/2013 13:45	JT
PERCENT MOISTURE D2216								
Percent Moisture	7.72	0		wt%	R246465	1	06/20/2013 11:30	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS-11
Project Name:	Legion Industries	**Collection Date:**	6/17/2013 12:20:00 PM
Lab ID:	1306F40-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
Trichloroethene	BRL	4.2		ug/Kg-dry	177663	1	06/20/2013 12:57	MD
Surr: 4-Bromofluorobenzene	86.7	63.8-133		%REC	177663	1	06/20/2013 12:57	MD
Surr: Dibromofluoromethane	106	74.3-130		%REC	177663	1	06/20/2013 12:57	MD
Surr: Toluene-d8	92.1	72.8-122		%REC	177663	1	06/20/2013 12:57	MD
PERCENT MOISTURE D2216								
Percent Moisture	11.6	0		wt%	R246465	1	06/20/2013 11:30	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 20-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS-12
Project Name:	Legion Industries	**Collection Date:**	6/17/2013 12:27:00 PM
Lab ID:	1306F40-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5035)**				
Trichloroethene	BRL	5.2		ug/Kg-dry	177663	1	06/20/2013 13:26	MD
Surr: 4-Bromofluorobenzene	86.5	63.8-133		%REC	177663	1	06/20/2013 13:26	MD
Surr: Dibromofluoromethane	104	74.3-130		%REC	177663	1	06/20/2013 13:26	MD
Surr: Toluene-d8	90.9	72.8-122		%REC	177663	1	06/20/2013 13:26	MD
PERCENT MOISTURE D2216								
Percent Moisture	12.5	0		wt%	R246465	1	06/20/2013 11:30	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Amec Work Order Number 1306F40

Checklist completed by [signature] 6/18/13
Signature Date

Carrier name: FedEx __ UPS __ Courier __ Client ✓ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.4 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1306F40

ANALYTICAL QC SUMMARY REPORT

BatchID: 177552

Sample ID: **MB-177552** Client ID:
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg** Prep Date: **06/17/2013** Run No: **246190**
BatchID: **177552** Analysis Date: **06/17/2013** Seq No: **5159474**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Trichloroethene	BRL	250									
Surr: 4-Bromofluorobenzene	2252	0	2500		90.1	63.8	133				
Surr: Dibromofluoromethane	2435	0	2500		97.4	74.3	130				
Surr: Toluene-d8	2387	0	2500		95.5	72.8	122				

Sample ID: **LCS-177552** Client ID:
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg** Prep Date: **06/17/2013** Run No: **246190**
BatchID: **177552** Analysis Date: **06/17/2013** Seq No: **5159476**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Trichloroethene	2761	250	2500		110	70	135				
Surr: 4-Bromofluorobenzene	2380	0	2500		95.2	63.8	133				
Surr: Dibromofluoromethane	2488	0	2500		99.5	74.3	130				
Surr: Toluene-d8	2444	0	2500		97.7	72.8	122				

Sample ID: **1306C97-001AMS** Client ID:
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **06/17/2013** Run No: **246190**
BatchID: **177552** Analysis Date: **06/17/2013** Seq No: **5159484**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Trichloroethene	4175	360	3588		116	72.5	141				
Surr: 4-Bromofluorobenzene	2188	0	3588		61.0	63.8	133				S
Surr: Dibromofluoromethane	3564	0	3588		99.3	74.3	130				
Surr: Toluene-d8	3593	0	3588		100	72.8	122				

Sample ID: **1306C97-001AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **06/17/2013** Run No: **246190**
BatchID: **177552** Analysis Date: **06/17/2013** Seq No: **5159494**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Trichloroethene	4015	360	3588		112	72.5	141	4175	3.89	18.7	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1306F40

ANALYTICAL QC SUMMARY REPORT

BatchID: 177552

Sample ID: **1306C97-001AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg-dry** Prep Date: **06/17/2013** Run No: **246190**
BatchID: **177552** Analysis Date: **06/17/2013** Seq No: **5159494**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	2175	0	3588		60.6	63.8	133	2188	0	0	S
Surr: Dibromofluoromethane	3465	0	3588		96.6	74.3	130	3564	0	0	
Surr: Toluene-d8	3601	0	3588		100	72.8	122	3593	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1306F40

ANALYTICAL QC SUMMARY REPORT

BatchID: 177573

Sample ID: **MB-177573** Client ID: Units: **ug/Kg** Prep Date: **06/18/2013** Run No: **246261**
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **177573** Analysis Date: **06/18/2013** Seq No: **5159618**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
1,4-Dioxane	BRL	150									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	100									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1306F40

ANALYTICAL QC SUMMARY REPORT

BatchID: 177573

Sample ID: **MB-177573** Client ID:
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg** BatchID: **177573**
Prep Date: **06/18/2013** Analysis Date: **06/18/2013**
Run No: **246261** Seq No: **5159618**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane	BRL	10									
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Xylenes, Total	BRL	5.0									
Surr: 4-Bromofluorobenzene	43.53	0	50.00		87.1	63.8	133				
Surr: Dibromofluoromethane	50.58	0	50.00		101	74.3	130				
Surr: Toluene-d8	46.87	0	50.00		93.7	72.8	122				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1306F40

ANALYTICAL QC SUMMARY REPORT

BatchID: 177573

Sample ID: **LCS-177573** Client ID: Units: **ug/Kg** Prep Date: **06/18/2013** Run No: **246261**
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **177573** Analysis Date: **06/18/2013** Seq No: **5159622**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	69.29	5.0	50.00		139	63.1	140				
Benzene	59.23	5.0	50.00		118	70.2	130				
Chlorobenzene	53.85	5.0	50.00		108	70	126				
Toluene	60.03	5.0	50.00		120	70.5	130				
Trichloroethene	58.15	5.0	50.00		116	70	135				
Surr: 4-Bromofluorobenzene	50.84	0	50.00		102	63.8	133				
Surr: Dibromofluoromethane	51.54	0	50.00		103	74.3	130				
Surr: Toluene-d8	47.71	0	50.00		95.4	72.8	122				

Sample ID: **1306F40-008AMS** Client ID: **CS-8** Units: **ug/Kg-dry** Prep Date: **06/18/2013** Run No: **246261**
SampleType: **MS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **177573** Analysis Date: **06/18/2013** Seq No: **5159626**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	59.52	5.5	55.08		108	58.8	157				
Benzene	51.94	5.5	55.08		94.3	66.3	139				
Chlorobenzene	48.33	5.5	55.08		87.7	67.8	131				
Toluene	51.20	5.5	55.08		93.0	66	138				
Trichloroethene	49.81	5.5	55.08		90.4	72.5	141				
Surr: 4-Bromofluorobenzene	55.83	0	55.08		101	63.8	133				
Surr: Dibromofluoromethane	55.48	0	55.08		101	74.3	130				
Surr: Toluene-d8	51.64	0	55.08		93.8	72.8	122				

Sample ID: **1306F40-008AMSD** Client ID: **CS-8** Units: **ug/Kg-dry** Prep Date: **06/18/2013** Run No: **246261**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **177573** Analysis Date: **06/18/2013** Seq No: **5159630**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	56.07	5.5	55.08		102	58.8	157	59.52	5.97	21.9	
Benzene	56.55	5.5	55.08		103	66.3	139	51.94	8.49	22.3	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1306F40

ANALYTICAL QC SUMMARY REPORT

BatchID: 177573

Sample ID: **1306F40-008AMSD** Client ID: **CS-8** Units: **ug/Kg-dry** Prep Date: **06/18/2013** Run No: **246261**
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B** BatchID: **177573** Analysis Date: **06/18/2013** Seq No: **5159630**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	54.00	5.5	55.08		98.0	67.8	131	48.33	11.1	17.3	
Toluene	58.03	5.5	55.08		105	66	138	51.20	12.5	18.1	
Trichloroethene	54.82	5.5	55.08		99.5	72.5	141	49.81	9.56	18.7	
Surr: 4-Bromofluorobenzene	55.25	0	55.08		100	63.8	133	55.83	0	0	
Surr: Dibromofluoromethane	55.26	0	55.08		100	74.3	130	55.48	0	0	
Surr: Toluene-d8	53.79	0	55.08		97.7	72.8	122	51.64	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1306F40

ANALYTICAL QC SUMMARY REPORT

BatchID: 177605

Sample ID: **MB-177605** Client ID:
SampleType: **MBLK** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B**
Units: **ug/Kg** Prep Date: **06/19/2013** Run No: **246375**
BatchID: **177605** Analysis Date: **06/19/2013** Seq No: **5161728**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDD	BRL	3.3									
4,4´-DDE	BRL	3.3									
Aldrin	BRL	1.7									
alpha-BHC	BRL	1.7									
alpha-Chlordane	BRL	1.7									
beta-BHC	BRL	1.7									
delta-BHC	BRL	1.7									
Dieldrin	BRL	3.3									
Endosulfan I	BRL	1.7									
Endosulfan II	BRL	3.3									
Endosulfan sulfate	BRL	3.3									
Endrin	BRL	3.3									
Endrin aldehyde	BRL	3.3									
Endrin ketone	BRL	3.3									
gamma-BHC	BRL	1.7									
gamma-Chlordane	BRL	1.7									
Heptachlor	BRL	1.7									
Heptachlor epoxide	BRL	1.7									
Methoxychlor	BRL	17									
Toxaphene	BRL	170									
Surr: Decachlorobiphenyl	14.97	0	16.67		89.8	25.1	119				
Surr: Tetrachloro-m-xylene	15.69	0	16.67		94.1	28.4	116				

Sample ID: **MB-177605** Client ID:
SampleType: **MBLK** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B**
Units: **ug/Kg** Prep Date: **06/19/2013** Run No: **246466**
BatchID: **177605** Analysis Date: **06/20/2013** Seq No: **5163649**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDT	BRL	3.3									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1306F40

ANALYTICAL QC SUMMARY REPORT

BatchID: 177605

Sample ID: **LCS-177605** Client ID:
SampleType: **LCS** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B**
Units: **ug/Kg** Prep Date: **06/19/2013** Run No: **246375**
BatchID: **177605** Analysis Date: **06/19/2013** Seq No: **5161722**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4'-DDT	32.27	3.3	33.33		96.8	41.7	134				
Aldrin	26.30	1.7	33.33		78.9	40.6	115				
Dieldrin	30.58	3.3	33.33		91.7	44.2	122				
Endrin	33.91	3.3	33.33		102	42.9	126				
gamma-BHC	26.41	1.7	33.33		79.3	40.4	120				
Heptachlor	23.31	1.7	33.33		69.9	41.1	117				
Surr: Decachlorobiphenyl	13.46	0	16.67		80.7	25.1	119				
Surr: Tetrachloro-m-xylene	12.70	0	16.67		76.2	28.4	116				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 24, 2013

Steve Foley
AMEC E&I, Inc.
396 Plasters Ave
Atlanta GA 30324

TEL: (404) 873-4761
FAX: (404) 817-0183

RE: Legion Industries

Dear Steve Foley: Order No: 1306I64

Analytical Environmental Services, Inc. received 2 samples on 6/21/2013 7:30:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/12-06/30/13.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Tara Esbeck

Tara Esbeck
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1306164

Date: _____ Page _____ of _____

COMPANY: Amec

ADDRESS: 396 Plasters Ave Atlanta GA 30324

PHONE: 4048170152

FAX: 4048170183

SAMPLED BY: P. Gazzo

SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	No # of Containers	REMARKS
1	CS142'	6/20/13	1615	X		GW	5	
2	CS142'	6/20/13	1625	X		GW	4	HOLD
3	Trip Temp							
4								Super Rush Same Day Pat Chuck FEDEX 4048170107
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								

ANALYSIS REQUESTED

PRESERVATION (See codes)

TCE

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

REMARKS

No # of Containers

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Paul Gazzo	6/20/13 17:45	1:	6/21/13 7:50
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: Legion IND

PROJECT #: 6120904.44

SITE ADDRESS: 370 MILLED WAYNESBORO GA

SEND REPORT TO: Steve Foley Paul Gazzo

INVOICE TO: (IF DIFFERENT FROM ABOVE) PAULGA22061@Gmail.com

QUOTE #: _____ PO#: _____

RECEIPT

Total # of Containers

Turnaround Time Request

- ○ Standard 5 Business Days
- ○ 2 Business Day Rush
- ○ Next Business Day Rush
- ⊗ Same Day Rush (auth req.)
- ○ Other _____

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

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

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

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 24-Jun-13

Client:	AMEC E&I, Inc.
Project:	Legion Industries
Lab ID:	1306I64

Case Narrative

Containers for sample 1306I64-002 were labeled as " CS 14 2'", with coll. Date/ time: 6/20/13 16:25. Logged in per COC.

Analytical Environmental Services, Inc **Date:** 24-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS 14 2'
Project Name:	Legion Industries	**Collection Date:**	6/20/2013 4:15:00 PM
Lab ID:	1306I64-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				(SW5035)				
Trichloroethene	24	5.8		ug/Kg-dry	177744	1	06/21/2013 14:48	MD
Surr: 4-Bromofluorobenzene	85.2	63.8-133		%REC	177744	1	06/21/2013 14:48	MD
Surr: Dibromofluoromethane	99.1	74.3-130		%REC	177744	1	06/21/2013 14:48	MD
Surr: Toluene-d8	89.7	72.8-122		%REC	177744	1	06/21/2013 14:48	MD
PERCENT MOISTURE D2216								
Percent Moisture	13.9	0		wt%	R246628	1	06/21/2013 12:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 24-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Legion Industries	**Collection Date:**	6/21/2013
Lab ID:	1306I64-003	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260B				**(SW5030B)**				
Trichloroethene	BRL	5.0		ug/L	177723	1	06/21/2013 11:34	GK
Surr: 4-Bromofluorobenzene	92.1	64.6-123		%REC	177723	1	06/21/2013 11:34	GK
Surr: Dibromofluoromethane	99.3	76.6-133		%REC	177723	1	06/21/2013 11:34	GK
Surr: Toluene-d8	95.8	77.8-120		%REC	177723	1	06/21/2013 11:34	GK

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Amec Work Order Number 1306I64

Checklist completed by _____ 6/21/13
Signature Date

Carrier name: FedEx ✓ UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.1 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes __ No ✓

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted __ Yes ✓ No __

Water - pH acceptable upon receipt? Yes ✓ No __ Not Applicable __

Adjusted? _____ Checked by _____

Sample Condition: Good ✓ Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\L\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample_Cooler_Receipt_Checklist

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1306I64

ANALYTICAL QC SUMMARY REPORT

BatchID: 177723

Sample ID: **MB-177723**	Client ID:				Units: **ug/L**		Prep Date: **06/20/2013**		Run No: **246507**	
SampleType: **MBLK**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**				BatchID: **177723**		Analysis Date: **06/20/2013**		Seq No: **5165352**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Trichloroethene	BRL	5.0								
Surr: 4-Bromofluorobenzene	45.71	0	50.00		91.4	64.6	123			
Surr: Dibromofluoromethane	48.33	0	50.00		96.7	76.6	133			
Surr: Toluene-d8	46.56	0	50.00		93.1	77.8	120			

Sample ID: **LCS-177723**	Client ID:				Units: **ug/L**		Prep Date: **06/20/2013**		Run No: **246507**	
SampleType: **LCS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**				BatchID: **177723**		Analysis Date: **06/20/2013**		Seq No: **5165351**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Trichloroethene	49.25	5.0	50.00		98.5	70	135			
Surr: 4-Bromofluorobenzene	47.67	0	50.00		95.3	64.6	123			
Surr: Dibromofluoromethane	48.75	0	50.00		97.5	76.6	133			
Surr: Toluene-d8	47.82	0	50.00		95.6	77.8	120			

Sample ID: **1306I51-001AMS**	Client ID:				Units: **ug/L**		Prep Date: **06/20/2013**		Run No: **246507**	
SampleType: **MS**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**				BatchID: **177723**		Analysis Date: **06/20/2013**		Seq No: **5165356**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Trichloroethene	54.93	5.0	50.00		110	71.1	154			
Surr: 4-Bromofluorobenzene	47.13	0	50.00		94.3	64.6	123			
Surr: Dibromofluoromethane	49.33	0	50.00		98.7	76.6	133			
Surr: Toluene-d8	48.38	0	50.00		96.8	77.8	120			

Sample ID: **1306I51-001AMSD**	Client ID:				Units: **ug/L**		Prep Date: **06/20/2013**		Run No: **246507**	
SampleType: **MSD**	TestCode: **Volatile Organic Compounds by GC/MS SW8260B**				BatchID: **177723**		Analysis Date: **06/20/2013**		Seq No: **5165357**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Trichloroethene	54.16	5.0	50.00		108	71.1	154	54.93	1.41	20

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1306I64

ANALYTICAL QC SUMMARY REPORT

BatchID: 177723

Sample ID: **1306I51-001AMSD** Client ID:
SampleType: **MSD** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/L** Prep Date: **06/20/2013** Run No: **246507**
BatchID: **177723** Analysis Date: **06/20/2013** Seq No: **5165357**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	47.76	0	50.00		95.5	64.6	123	47.13	0	0	
Surr: Dibromofluoromethane	50.75	0	50.00		102	76.6	133	49.33	0	0	
Surr: Toluene-d8	48.13	0	50.00		96.3	77.8	120	48.38	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1306I64

ANALYTICAL QC SUMMARY REPORT

BatchID: 177744

Sample ID: **MB-177744** Client ID:
SampleType: **MBLK** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg** Prep Date: **06/21/2013** Run No: **246598**
BatchID: **177744** Analysis Date: **06/21/2013** Seq No: **5166299**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Trichloroethene	BRL	5.0									
Surr: 4-Bromofluorobenzene	45.30	0	50.00		90.6	63.8	133				
Surr: Dibromofluoromethane	47.77	0	50.00		95.5	74.3	130				
Surr: Toluene-d8	46.99	0	50.00		94.0	72.8	122				

Sample ID: **LCS-177744** Client ID:
SampleType: **LCS** TestCode: **Volatile Organic Compounds by GC/MS SW8260B**
Units: **ug/Kg** Prep Date: **06/21/2013** Run No: **246598**
BatchID: **177744** Analysis Date: **06/21/2013** Seq No: **5166301**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Trichloroethene	55.93	5.0	50.00		112	70	135				
Surr: 4-Bromofluorobenzene	50.28	0	50.00		101	63.8	133				
Surr: Dibromofluoromethane	48.93	0	50.00		97.9	74.3	130				
Surr: Toluene-d8	47.94	0	50.00		95.9	72.8	122				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 27, 2013

Steve Foley
AMEC E&I, Inc.
396 Plasters Ave
Atlanta GA 30324

TEL: (404) 873-4761
FAX: (404) 817-0183

RE: Legion Industries

Dear Steve Foley: Order No: 1306L62

Analytical Environmental Services, Inc. received 1 samples on 6/25/2013 7:30:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.
AES' certifications are as follows:
-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/12-06/30/13.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/13.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Tara Esbeck

Tara Esbeck
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
3785 Presidential Parkway, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1306L62

Date: 6/24/13 Page 1 of 1

COMPANY: Amec
ADDRESS: Plaster's Ave Atlanta GA
PHONE: 404 817 0152
FAX: 404 817 0183
SAMPLED BY: P. Graziano
SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED: Pesticides	PRESERVATION (See codes)	No # of Containers
1	C59-A	6/24/13	1605	X		SO	✓	2	
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

REMARKS: Same Day Per Steve Foley 404 817 0152

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	6/24/13 1745	1:	6/25/13
2:		2: 7230	
3:		3:	

PROJECT INFORMATION
PROJECT NAME: Legion Industries
PROJECT #: 6121 090444
SITE ADDRESS: 320 Mills RD
SEND REPORT TO: Steve Foley
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: PO#:

RECEIPT
Total # of Containers

Turnaround Time Request
- Standard 5 Business Days
- 2 Business Day Rush
- Next Business Day Rush
- Same Day Rush (auth req.)
- Other

STATE PROGRAM (if any):
E-mail? (Y) N; Fax? (Y) N
DATA PACKAGE: I (II) III IV

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT / /
IN
VIA:
CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES. SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 27-Jun-13

Client:	AMEC E&I, Inc.	**Client Sample ID:**	CS9-A
Project Name:	Legion Industries	**Collection Date:**	6/21/2013 4:05:00 PM
Lab ID:	1306L62-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES, TCL SW8081B				(SW3550C)				
4,4'-DDD	BRL	4.2		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
4,4'-DDE	BRL	4.2		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
4,4'-DDT	13	4.2		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
Aldrin	BRL	2.1		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
alpha-BHC	BRL	2.1		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
alpha-Chlordane	3.4	2.1		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
beta-BHC	BRL	2.1		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
delta-BHC	BRL	2.1		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
Dieldrin	BRL	4.2		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
Endosulfan I	BRL	2.1		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
Endosulfan II	BRL	4.2		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
Endosulfan sulfate	BRL	4.2		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
Endrin	BRL	4.2		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
Endrin aldehyde	BRL	4.2		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
Endrin ketone	BRL	4.2		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
gamma-BHC	BRL	2.1		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
gamma-Chlordane	6.1	2.1		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
Heptachlor	BRL	2.1		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
Heptachlor epoxide	BRL	2.1		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
Methoxychlor	BRL	21		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
Toxaphene	BRL	210		ug/Kg-dry	177814	1	06/26/2013 13:07	KD
Surr: Decachlorobiphenyl	67.3	25.1-119		%REC	177814	1	06/26/2013 13:07	KD
Surr: Tetrachloro-m-xylene	73.9	28.4-116		%REC	177814	1	06/26/2013 13:07	KD
PERCENT MOISTURE D2216								
Percent Moisture	20.9	0		wt%	R246794	1	06/25/2013 10:00	AS

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client AMEC Work Order Number 1306462

Checklist completed by [signature] 6/25/13
Signature Date

Carrier name: FedEx ✓ UPS __ Courier __ Client __ US Mail __ Other _____

Shipping container/cooler in good condition? Yes ✓ No __ Not Present __

Custody seals intact on shipping container/cooler? Yes __ No __ Not Present ✓

Custody seals intact on sample bottles? Yes __ No __ Not Present ✓

Container/Temp Blank temperature in compliance? (4°C±2)* Yes ✓ No __

Cooler #1 3.7 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler#5 _____ Cooler #6 _____

Chain of custody present? Yes ✓ No __

Chain of custody signed when relinquished and received? Yes ✓ No __

Chain of custody agrees with sample labels? Yes ✓ No __

Samples in proper container/bottle? Yes ✓ No __

Sample containers intact? Yes ✓ No __

Sufficient sample volume for indicated test? Yes ✓ No __

All samples received within holding time? Yes ✓ No __

Was TAT marked on the COC? Yes ✓ No __

Proceed with Standard TAT as per project history? Yes __ No __ Not Applicable ✓

Water - VOA vials have zero headspace? No VOA vials submitted ✓ Yes __ No __

Water - pH acceptable upon receipt? Yes __ No __ Not Applicable ✓

Sample Condition: Good ✓ Adjusted? _____ Checked by _____
Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes __ No ✓

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1306L62

ANALYTICAL QC SUMMARY REPORT

BatchID: 177814

Sample ID: **MB-177814** Client ID:
SampleType: **MBLK** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B**
Units: **ug/Kg** Prep Date: **06/25/2013** Run No: **246877**
BatchID: **177814** Analysis Date: **06/26/2013** Seq No: **5172751**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4'-DDD	BRL	3.3									
4,4'-DDE	BRL	3.3									
4,4'-DDT	BRL	3.3									
Aldrin	BRL	1.7									
alpha-BHC	BRL	1.7									
alpha-Chlordane	BRL	1.7									
beta-BHC	BRL	1.7									
delta-BHC	BRL	1.7									
Dieldrin	BRL	3.3									
Endosulfan I	BRL	1.7									
Endosulfan II	BRL	3.3									
Endosulfan sulfate	BRL	3.3									
Endrin	BRL	3.3									
Endrin aldehyde	BRL	3.3									
Endrin ketone	BRL	3.3									
gamma-BHC	BRL	1.7									
gamma-Chlordane	BRL	1.7									
Heptachlor	BRL	1.7									
Heptachlor epoxide	BRL	1.7									
Methoxychlor	BRL	17									
Toxaphene	BRL	170									
Surr: Decachlorobiphenyl	17.76	0	16.67		107	25.1	119				
Surr: Tetrachloro-m-xylene	15.09	0	16.67		90.5	28.4	116				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: AMEC E&I, Inc.
Project Name: Legion Industries
Workorder: 1306L62

ANALYTICAL QC SUMMARY REPORT

BatchID: 177814

Sample ID: **LCS-177814** Client ID:
SampleType: **LCS** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B**
Units: **ug/Kg** Prep Date: **06/25/2013** Run No: **246877**
BatchID: **177814** Analysis Date: **06/26/2013** Seq No: **5172815**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4'-DDT	36.16	3.3	33.33		108	41.7	134				
Aldrin	34.34	1.7	33.33		103	40.6	115				
Dieldrin	35.05	3.3	33.33		105	44.2	122				
Endrin	37.12	3.3	33.33		111	42.9	126				
gamma-BHC	32.92	1.7	33.33		98.8	40.4	120				
Heptachlor	32.12	1.7	33.33		96.4	41.1	117				
Surr: Decachlorobiphenyl	17.38	0	16.67		104	25.1	119				
Surr: Tetrachloro-m-xylene	16.21	0	16.67		97.3	28.4	116				

Qualifiers:

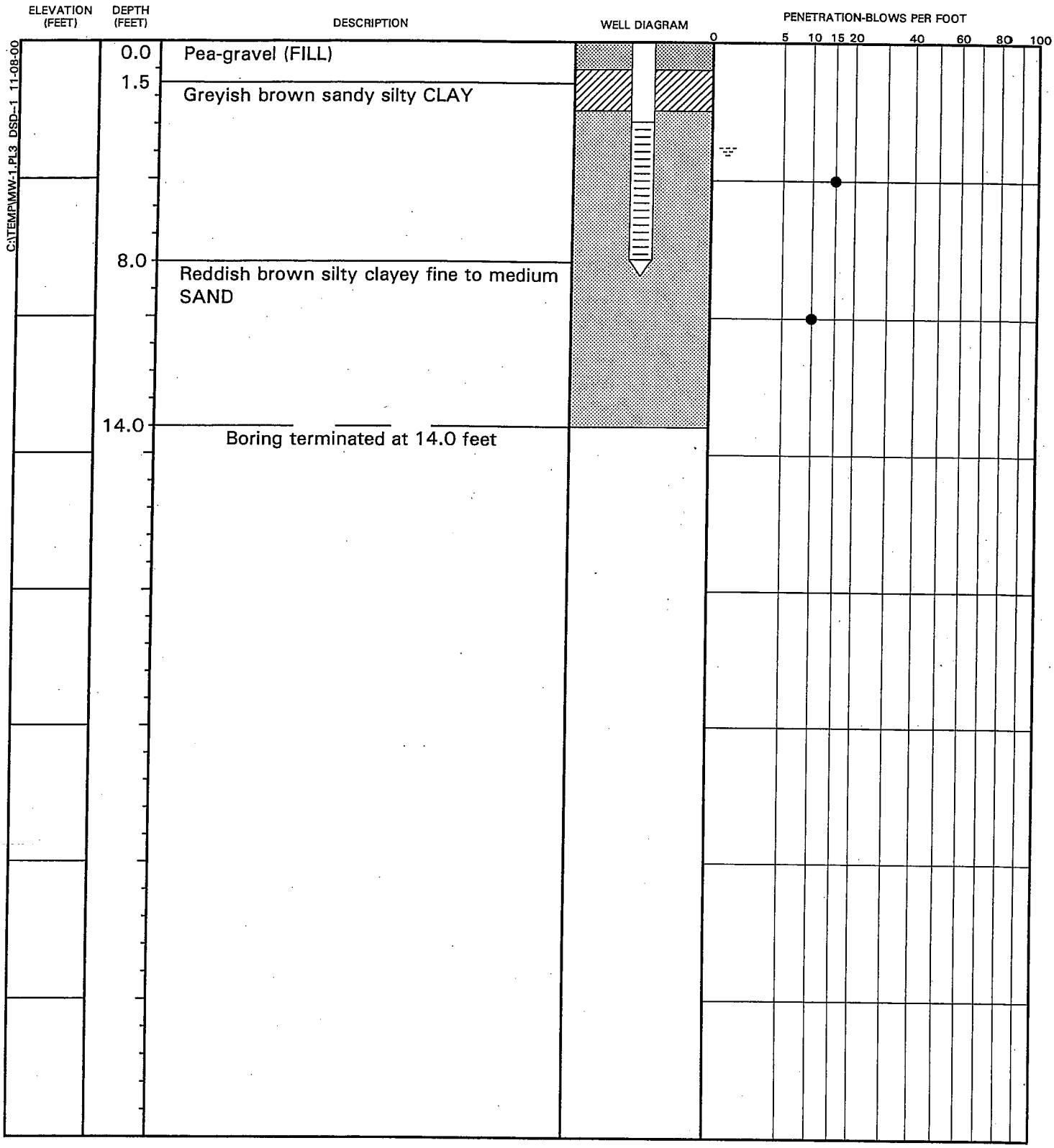
>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

APPENDIX B

BORING LOGS

TEST BORING RECORD

HEIGHT OF RISER: +3.0'



REMARKS:

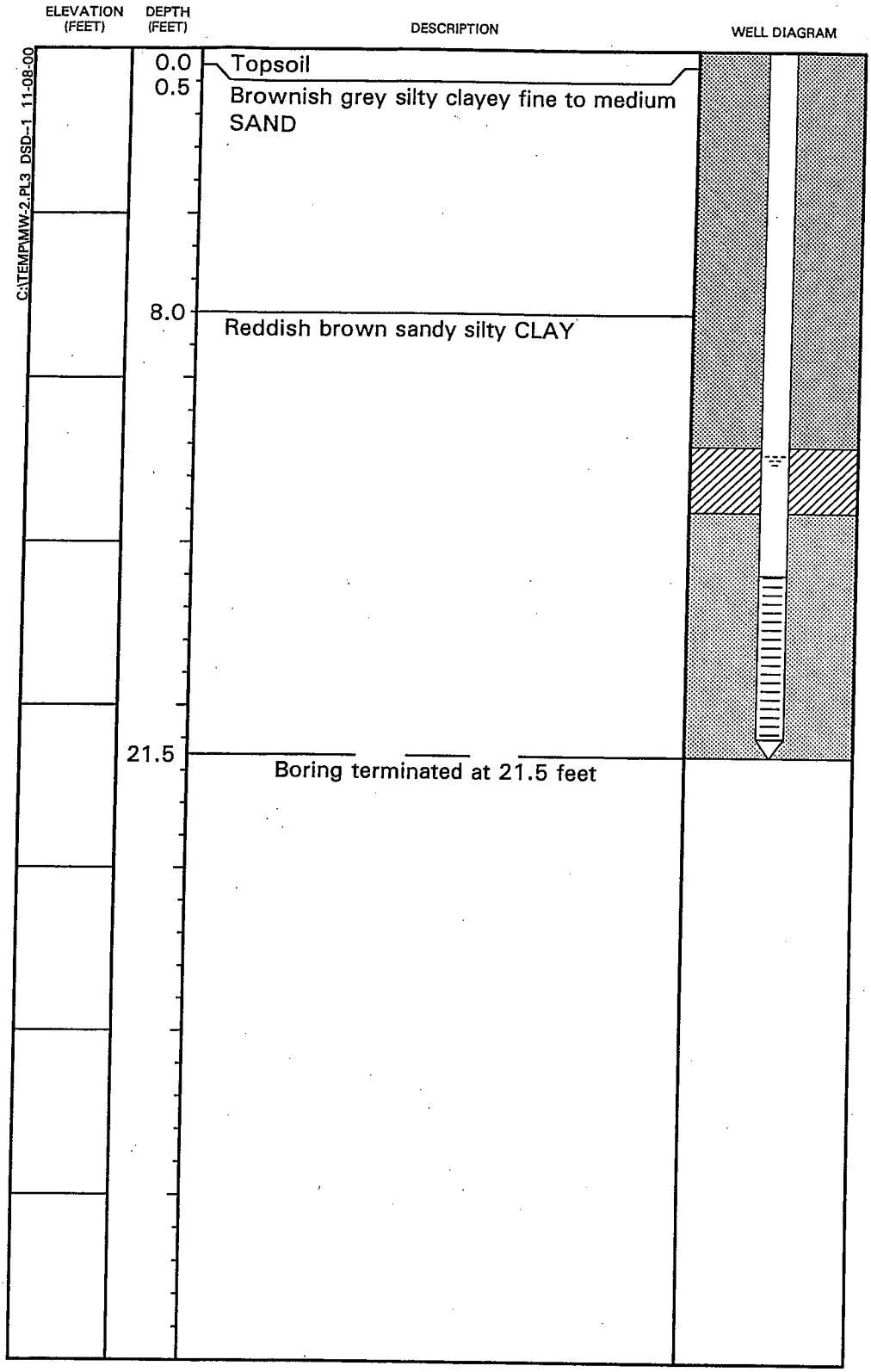
1. Boring installed using 8 3/4-inch O.D. hollow-stem augers.
2. Well materials: 5-foot length of 2-inch I.D. PVC well screen attached to 2-inch PVC riser.
3. Drilling water level of 3.95 feet bgs measured on 11/1/00.

DRILLED BY	RP (LAW)	BORING NUMBER	MW-1
LOGGED BY	DSD	DATE STARTED	10/31/00
CHECKED BY	MJF	DATE COMPLETED	11/1/00
		JOB NUMBER	12000-0-2129

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

TEST BORING RECORD

HEIGHT OF RISER: +3.0'



REMARKS:

1. Boring installed using 8 3/4-inch O.D. hollow-stem augers.
2. Well materials: 5-foot length of 2-inch I.D. PVC well screen attached to 2-inch PVC riser.
3. Drilling water level of 12.37 feet bgs measured on 11/1/00.

DRILLED BY	RP (LAW)	BORING NUMBER	MW-2
LOGGED BY	DSD	DATE STARTED	10/31/00
CHECKED BY	MJF	DATE COMPLETED	11/1/00
		JOB NUMBER	12000-0-2129

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

TEST BORING RECORD

HEIGHT OF RISER: +3.0'
DATUM ELEVATION:

C:\TEMP\MW-3.PL3 DSD-1 11-08-00

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
	0.0	Reddish brown silty clayey SAND
	1.5	Greyish brown silty clayey SAND
	8.0	Very stiff grey and red mottled slightly sandy silty CLAY
	14.0	Boring terminated at 14.0 feet

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT
0 5 10 15 20 40 60 80 100

REMARKS:
1. Boring installed using 8 3/4-inch O.D. hollow-stem augers.
2. Well materials: 5-foot length of 2-inch I.D. PVC well screen attached to 2-inch PVC riser.
3. Drilling water level of 8.76 feet bgs measured on 11/1/00.

DRILLED BY	RP (LAW)	BORING NUMBER	MW-3
LOGGED BY	DSD	DATE STARTED	10/31/00
CHECKED BY	MJF	DATE COMPLETED	10/31/00
		JOB NUMBER	12000-0-2129

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TEST BORING RECORD

HEIGHT OF RISER: 2.65 ft.
DATUM ELEVATION: 298.33 ft. NGVD

A:\LEGIONMW.PL3 CK-1 3-15-02

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION	PENETRATION-BLOWS PER FOOT
295.7	0.0	no samples	
290.7	5.0	Firm, orange, sandy CLAY (CL).	5
	5.5	Soft, grey-brown, silty CLAY (CL).	
	6.0	Firm, medium grey CLAY (CL).	
285.7	10.0	Firm to stiff, dark gray, orange, and light gray mottled with orange, silty to sandy CLAY (CL).	8
280.7	15.0	Firm, orange to medium blue-grey, micaceous, slightly sandy CLAY (CL).	5
275.7			5
270.7	25.0	Firm to stiff, purple, white, red and orange mottled, micaceous, slightly sandy CLAY (CL); sand is very fine- to medium-grained quartz.	8
265.7			14
260.7	35.5	Loose, orange-tan, white mottled, clayey to silty, very fine- to medium-grained, quartz SAND (SC/SM).	7
255.7			18

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT: 0 5 10 15 20 40 60 80 100

REMARKS:

1) Drilling Method: 0-47 ft., 6¼-inch ID; hollow stem augers. 47-65 feet, rotary drill with water.
2) Well Materials: 6-inch PVC outer casing; 2-inch PVC, 0.010-inch slotted screen.
3) ⏚ Water level measured on 3/6/02.

DRILLED BY	LAW	BORING NUMBER	MW-4
LOGGED BY	CK	DATE STARTED	2/13/02
CHECKED BY	TPW	DATE COMPLETED	2/14/02
		JOB NUMBER	12000-0-2129

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

TEST BORING RECORD

HEIGHT OF RISER: 2.65 ft.
DATUM ELEVATION: 298.33 ft. NGVD

A:\LEGIONMW.PL3 CK--1 3-15-02

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
255.7	40.0	Stiff, brown, orange, grey and white mottled, slightly silty CLAY (CL) with hard, dark purple-brown concretions at 42 feet.
250.7	45.0	Soft, orange-yellow mottled, slightly clayey SILT (ML), with trace of fine-grained quartz sand.
	47.0	Soft to stiff, yellow-orange, silty CLAY (CL) with abundant white, brittle, claystone fragments and hard, black concretions.
245.7		
	54.0	Fine- to medium-grained, subrounded, clear, quartz SAND (SP). (Based on cuttings.)
240.7		
235.7		
230.7	66.0	Boring terminated at 66.00 feet
225.7		
220.7		
215.7		

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT

0 5 10 15 20 40 60 80 100

18
3
7
15

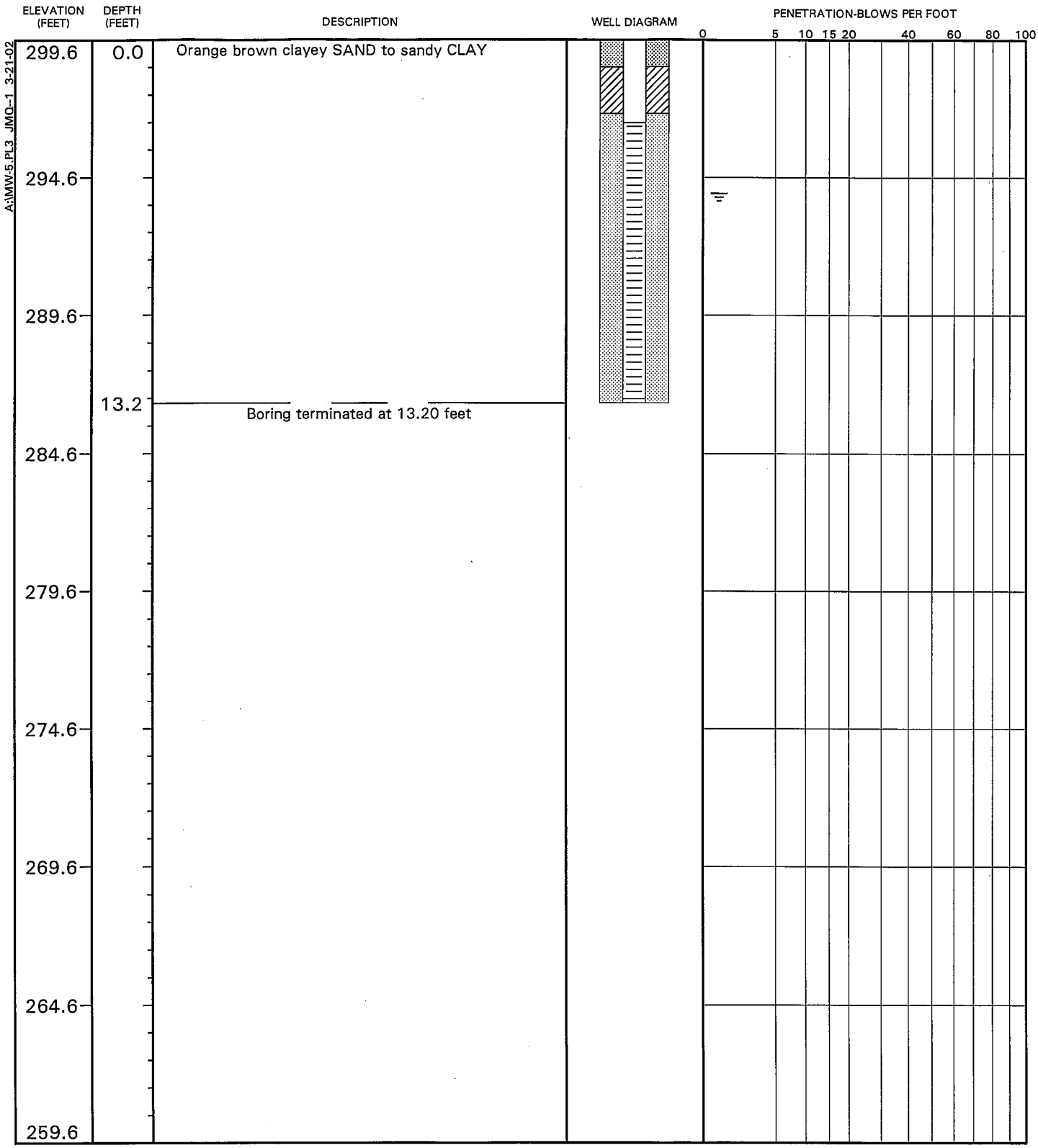
REMARKS:

DRILLED BY	LAW	BORING NUMBER	MW-4
LOGGED BY	CK	DATE STARTED	2/13/02
CHECKED BY	TPW	DATE COMPLETED	2/14/02
		JOB NUMBER	12000-0-2129

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

TEST BORING RECORD

HEIGHT OF RISER: 3.34
DATUM ELEVATION: 302.92



REMARKS:
1) Boring Advanced using direct-push techniques.
2) ⊽ Water level on 3-06-02
3) Well constructed of 1-inch ID PVC
4) Soil description based on soil logged in other site borings.

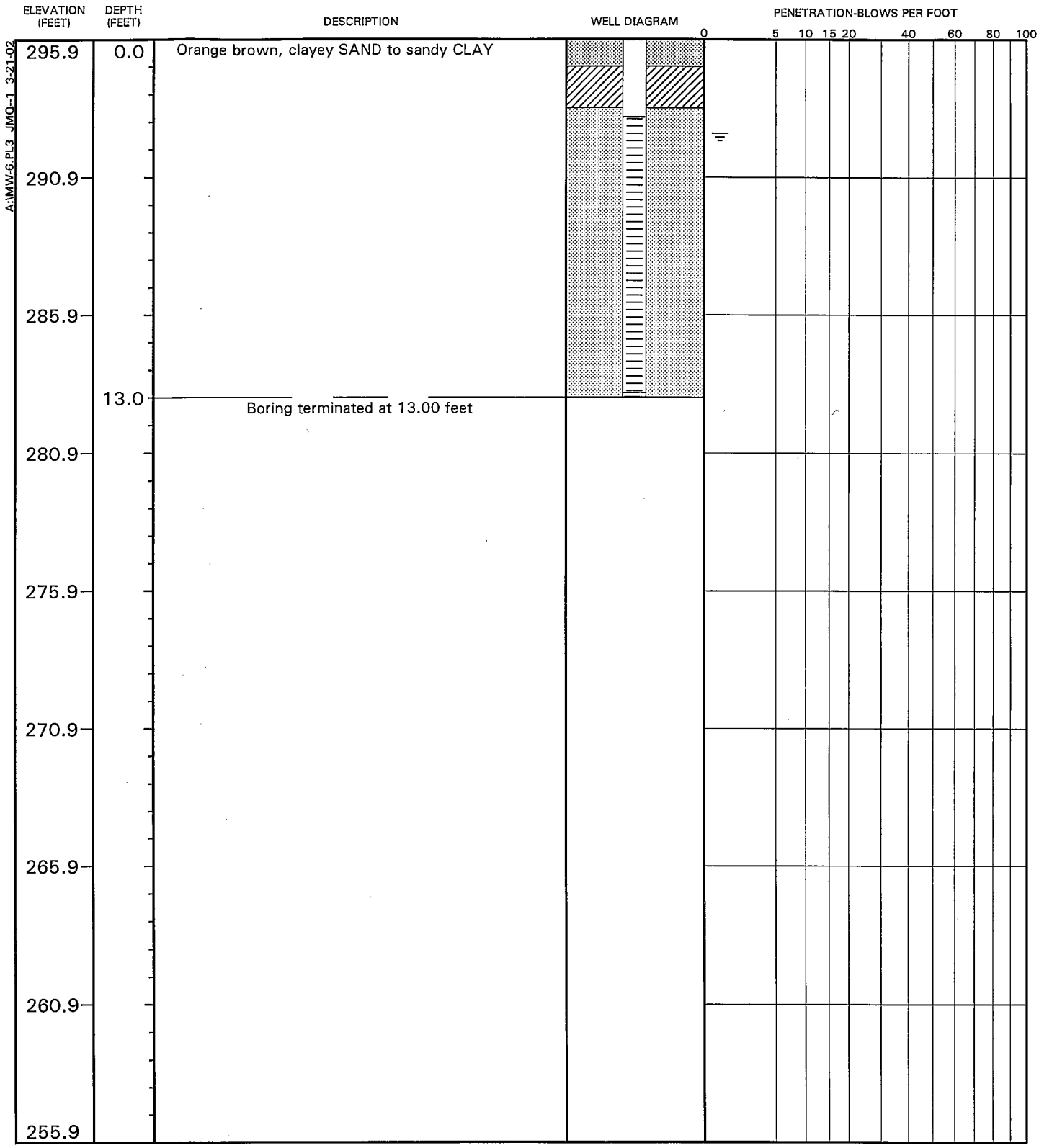
DRILLED BY	LAW
LOGGED BY	TMK
CHECKED BY	CK

BORING NUMBER	MW-5
DATE STARTED	2/13/02
DATE COMPLETED	2/14/02
JOB NUMBER	12000-0-2129

LAW
ENGINEERING AND ENVIRONMENTAL SE

TEST BORING RECORD

HEIGHT OF RISER: 3.30
DATUM ELEVATION: 299.16



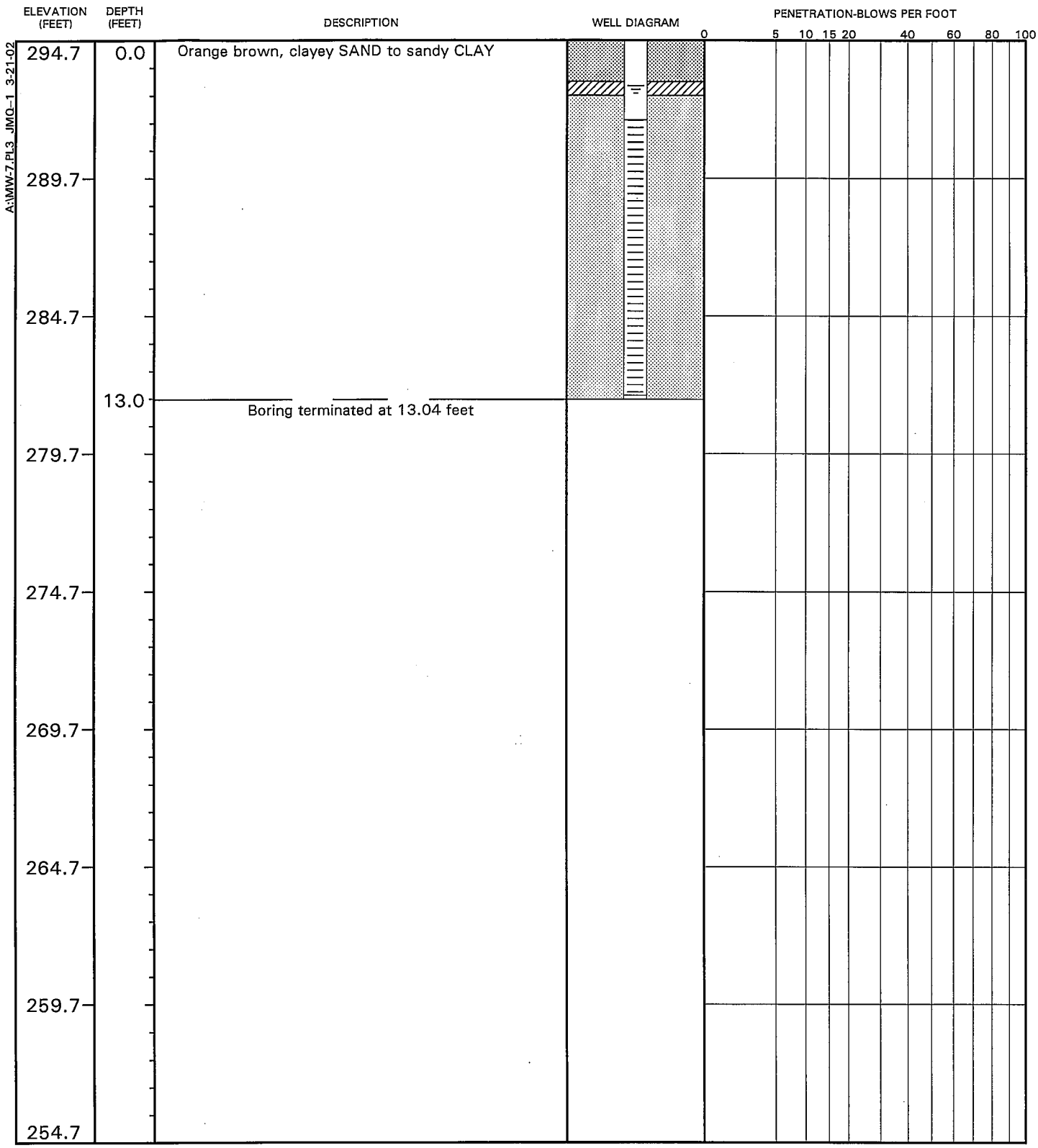
REMARKS:
1) Boring Advanced using direct-push techniques
2) ⌅ Water level on 3-6-02
3) Well constructed of 1-inch ID PVC
4) Soil description based on soil logged in other site borings.

DRILLED BY	LAW	BORING NUMBER	MW-6
LOGGED BY	TMK	DATE STARTED	2/14/02
CHECKED BY	CK	DATE COMPLETED	2/14/02
		JOB NUMBER	12000-0-2129

LAW
ENGINEERING AND ENVIRONMENTAL SE

TEST BORING RECORD

HEIGHT OF RISER: -0.17
DATUM ELEVATION: 294.54



REMARKS:
1) Boring Advanced using direct-push techniques
2) ⌯ Water level on 3-6-02
3) Well constructed of 1-inch ID PVC
4) Soil description based on soil logged in other site borings.

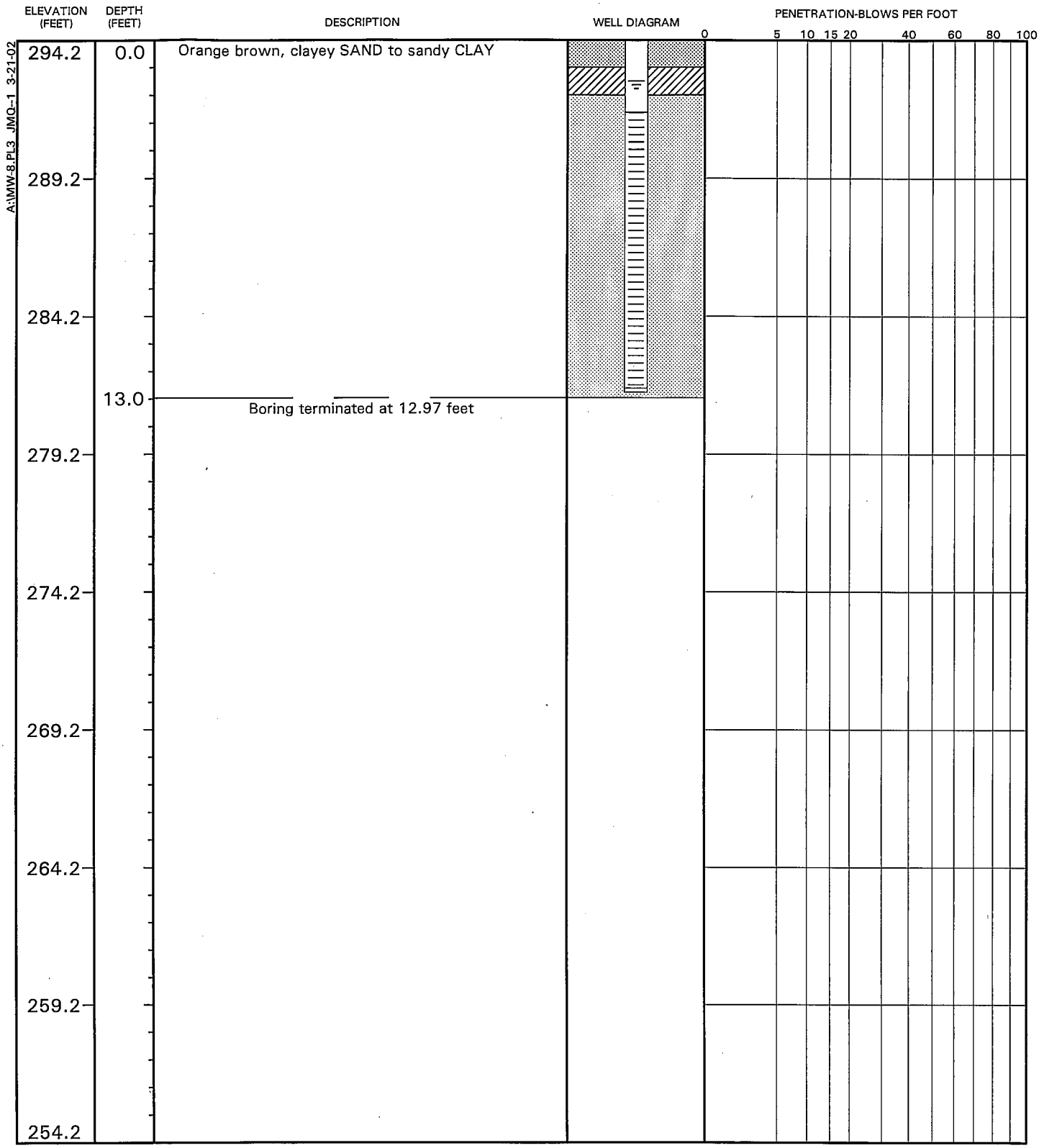
DRILLED BY	LAW
LOGGED BY	TMK
CHECKED BY	CK

BORING NUMBER	MW-7
DATE STARTED	2/14/02
DATE COMPLETED	2/14/02
JOB NUMBER	12000-0-2129

LAW
ENGINEERING AND ENVIRONMENTAL SE

TEST BORING RECORD

HEIGHT OF RISER: -0.22
DATUM ELEVATION: 293.96



REMARKS:
1) Boring Advanced using direct-push techniques
2) ⌅ Water level on 3-6-02
3) Well constructed of 1-inch ID PVC
4) Soil description based on soil logged in other site borings.

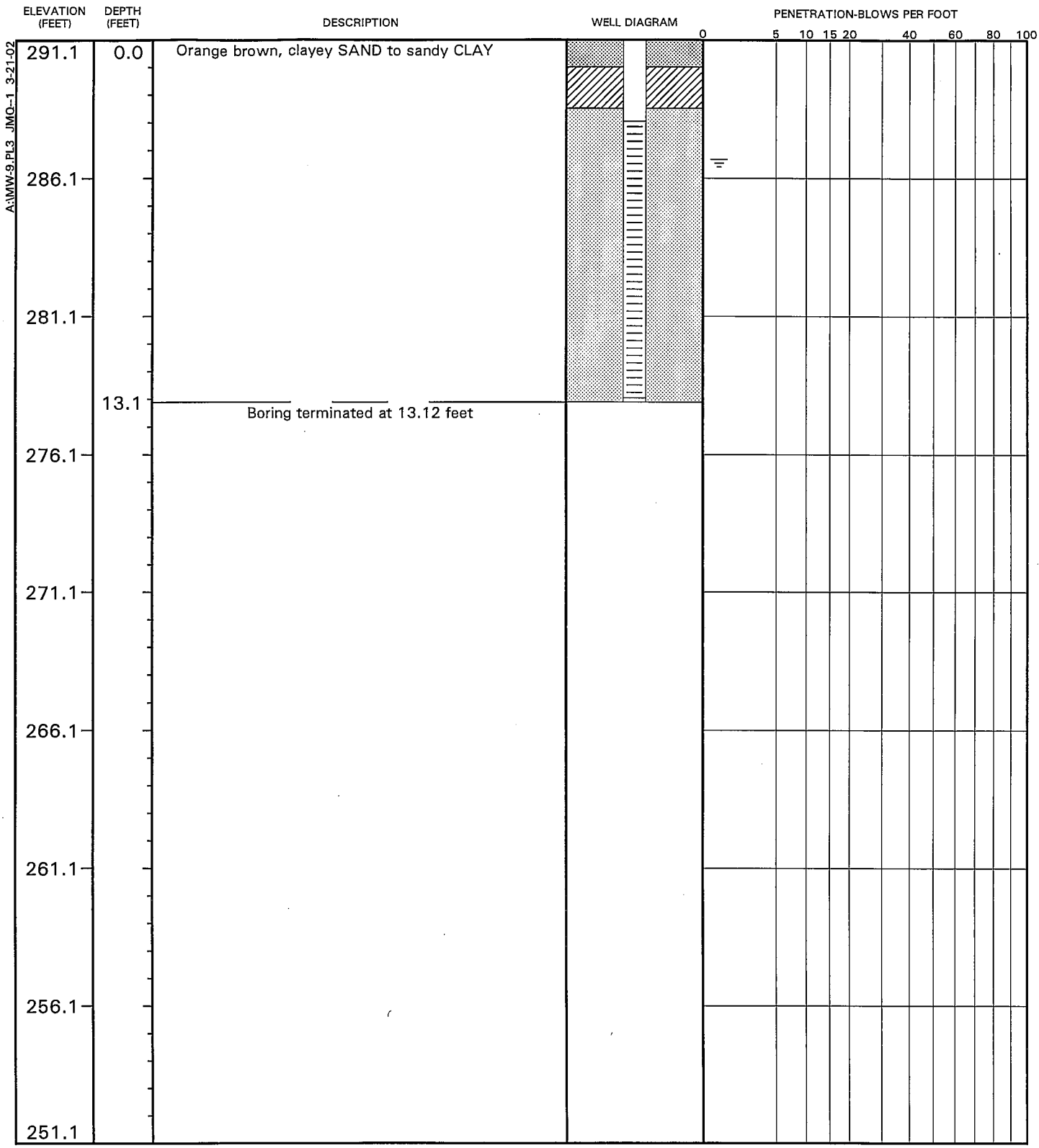
DRILLED BY	LAW
LOGGED BY	TMK
CHECKED BY	CK

BORING NUMBER	MW-8
DATE STARTED	2/14/02
DATE COMPLETED	2/14/02
JOB NUMBER	12000-0-2129

LAW
ENGINEERING AND ENVIRONMENTAL SE

TEST BORING RECORD

HEIGHT OF RISER: 3.13
DATUM ELEVATION: 294.26



REMARKS:
1) Boring Advanced using direct-push techniques
2) ⌅ Water level on 3-6-02
3) Well constructed of 1-inch ID PVC
4) Soil description based on soil logged in other site borings.

DRILLED BY	LAW	BORING NUMBER	MW-9
LOGGED BY	TMK	DATE STARTED	2/14/02
CHECKED BY	CK	DATE COMPLETED	2/14/02
		JOB NUMBER	12000-0-2129

LAW
ENGINEERING AND ENVIRONMENTAL SE

TEST BORING RECORD

HEIGHT OF RISER: -0.14
DATUM ELEVATION: 301.04

A:\MW-10.PL3 JMG-1 3-21-02

ELEVATION (FEET)	DEPTH (FEET)	DESCRIPTION
301.2	0.0	Orange brown, clayey SAND to sandy CLAY
276.2	25.1	Boring terminated at 25.09 feet

WELL DIAGRAM

PENETRATION-BLOWS PER FOOT
0 5 10 15 20 40 60 80 100

REMARKS:
1) Boring Advanced using direct-push techniques
2) ⊽ Water level on 3-6-02
3) Well constructed of 1-inch ID PVC
4) Soil description based on soil logged in other site borings.

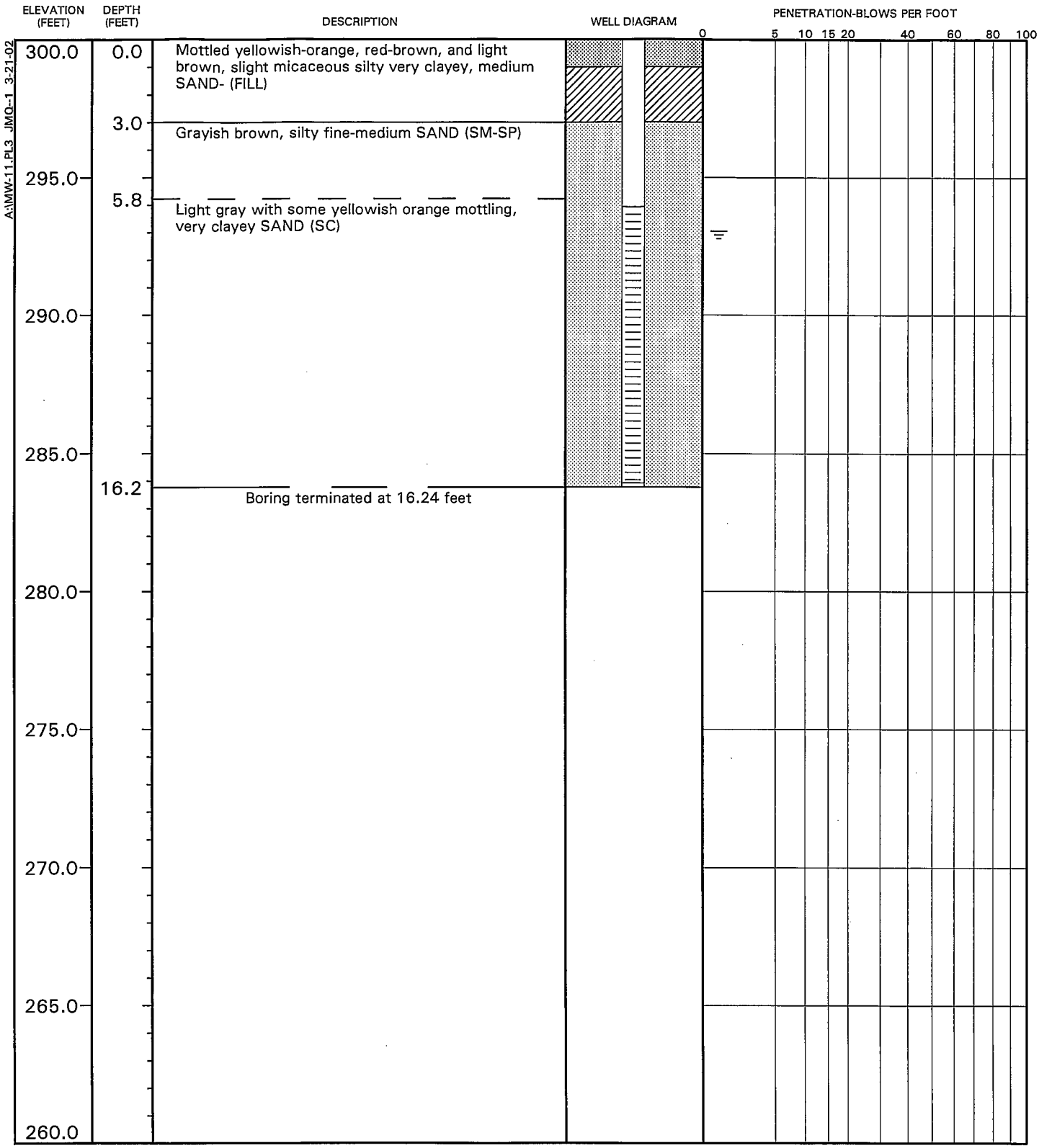
DRILLED BY	LAW
LOGGED BY	TMK
CHECKED BY	CK

BORING NUMBER	MW-10
DATE STARTED	2/14/02
DATE COMPLETED	2/14/02
JOB NUMBER	12000-0-2129

LAW
ENGINEERING AND ENVIRONMENTAL SE

TEST BORING RECORD

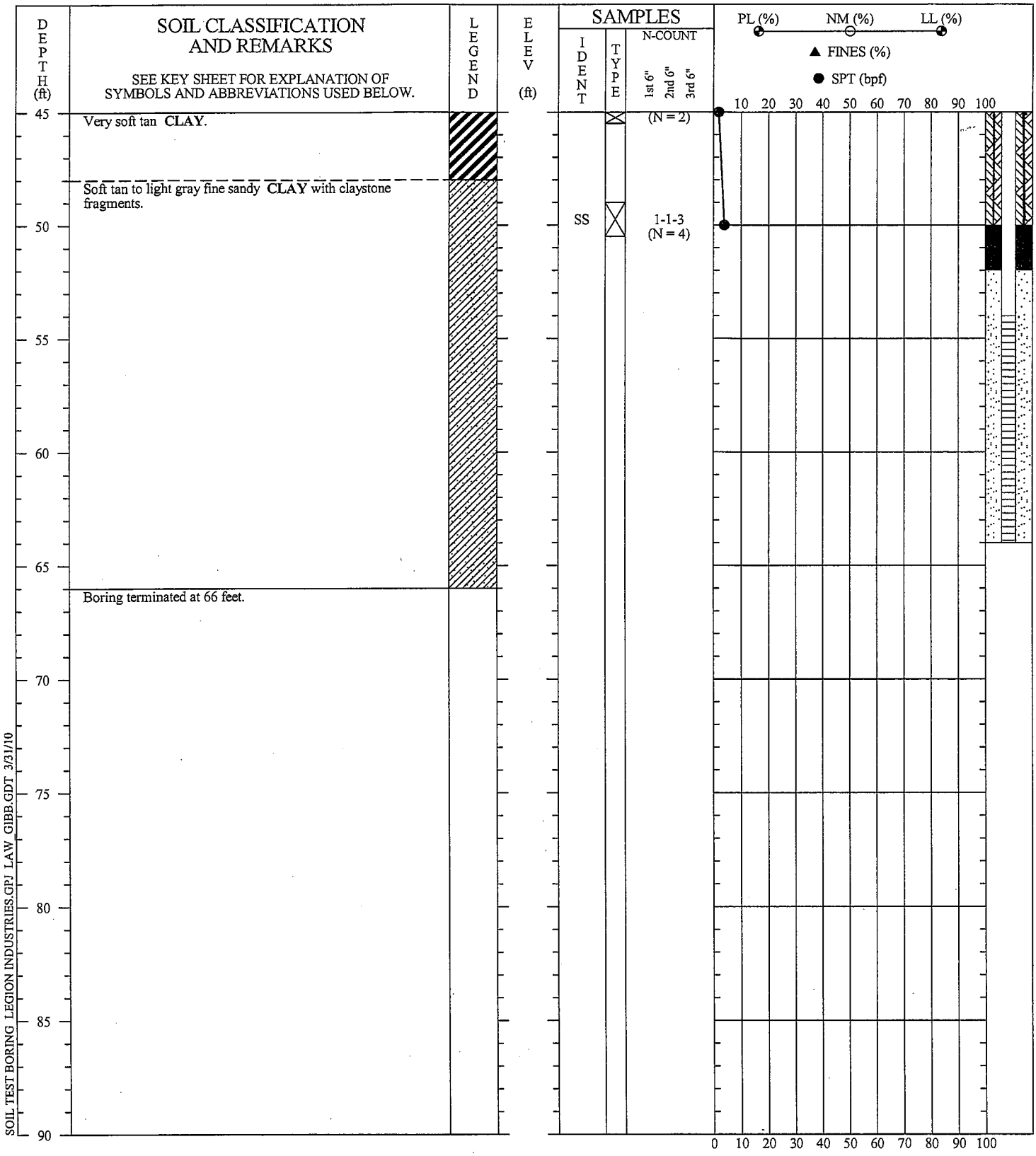
HEIGHT OF RISER: -0.14
DATUM ELEVATION: 299.86



REMARKS:
1) Boring Advanced using direct-push techniques
2) ⊽ Water level on 3-6-02
3) Well constructed of 1-inch ID PVC

DRILLED BY	LAW	BORING NUMBER	MW-11
LOGGED BY	TMK	DATE STARTED	2/14/02
CHECKED BY	CK	DATE COMPLETED	2/14/02
		JOB NUMBER	12000-0-2129

LAW
ENGINEERING AND ENVIRONMENTAL SE



SOIL TEST BORING LEGION INDUSTRIES.GPJ LAW_GIBB.GDT 3/31/10

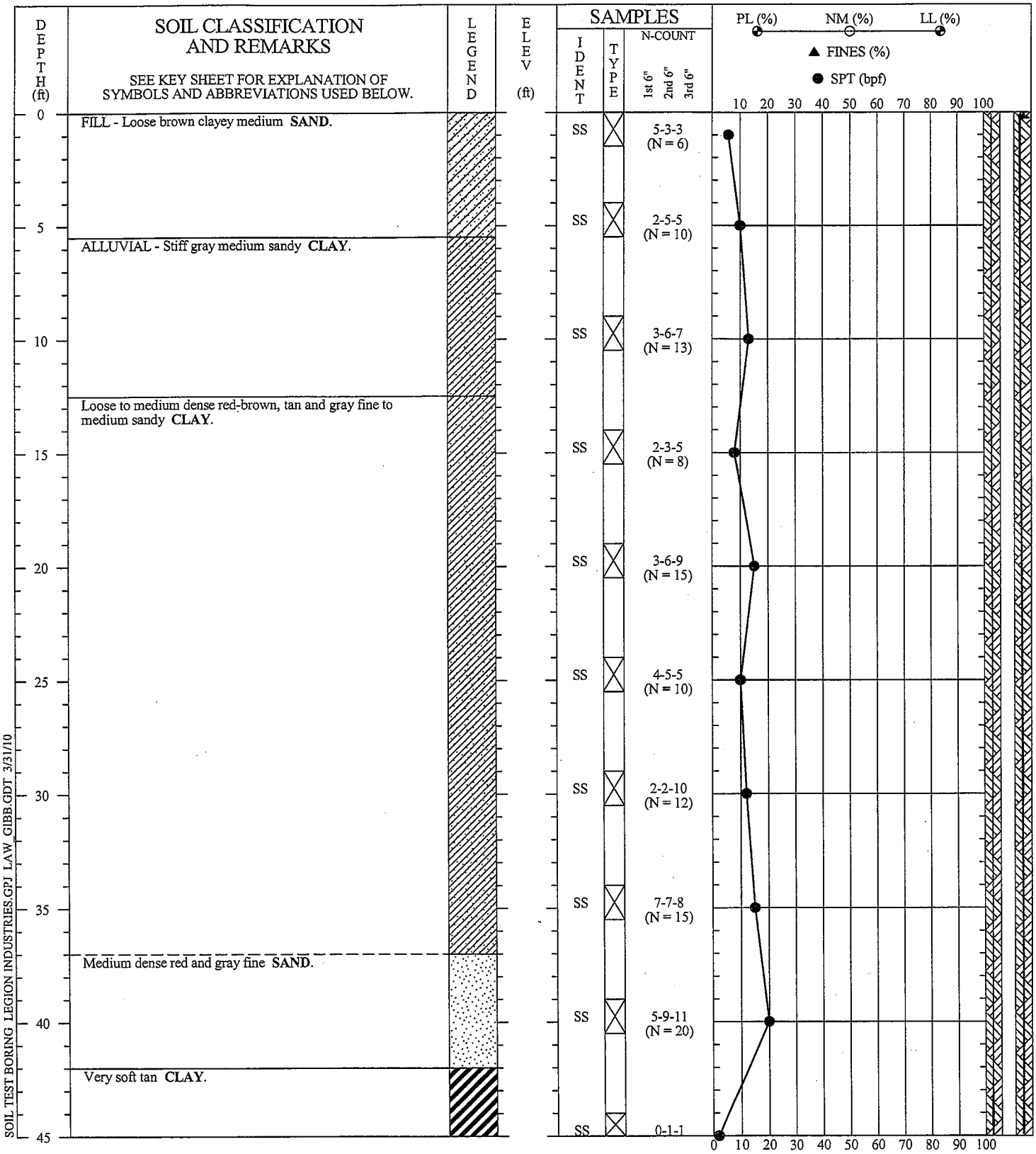
DRILLER:	MACTEC
EQUIPMENT:	CME 75
METHOD:	Hollow Stem Auger/Mud Rotary
HOLE DIA.:	8.25 inches
REMARKS:	Type III well installed at 64 feet. Outer casing set at 52 feet. Stabilized groundwater depth 26.38 feet bgs.

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.: MW-12
PROJECT: Legion Industries
LOCATION: Waynesboro, GA
DRILLED: January 25, 2010
PROJECT NO.: 6121-09-0444

MACTEC



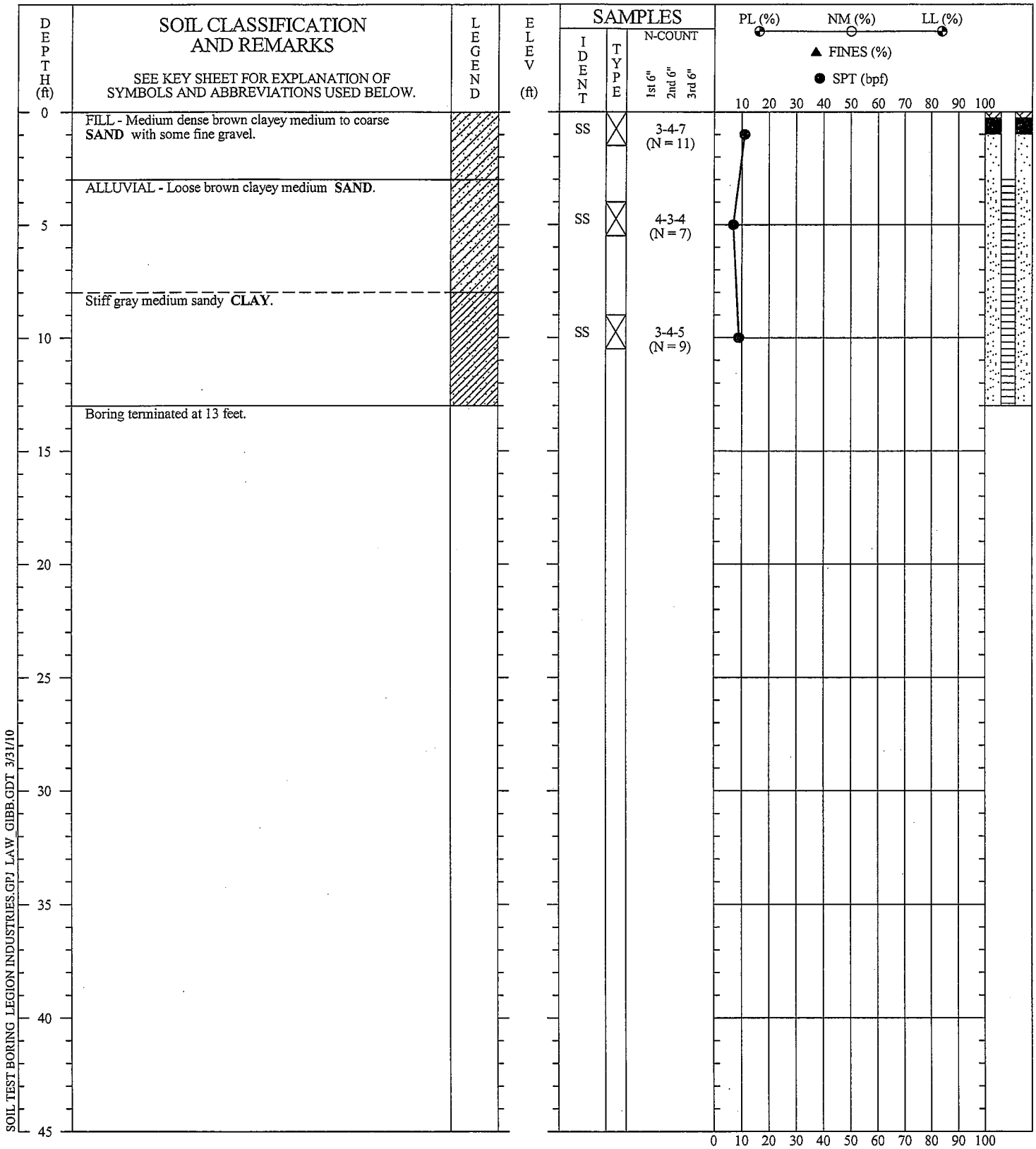
DRILLER:	MACTEC
EQUIPMENT:	CME 75
METHOD:	Hollow Stem Auger/Mud Rotary
HOLE DIA.:	8.25 inches
REMARKS:	Type III well installed at 64 feet. Outer casing set at 52 feet. Stabilized groundwater depth 26.38 feet bgs.

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.: MW-12
PROJECT: Legion Industries
LOCATION: Waynesboro, GA
DRILLED: January 25, 2010
PROJECT NO.: 6121-09-0444

MACTEC



SOIL TEST BORING LEGION INDUSTRIES.GPJ LAW_GIBB.GDT 3/31/10

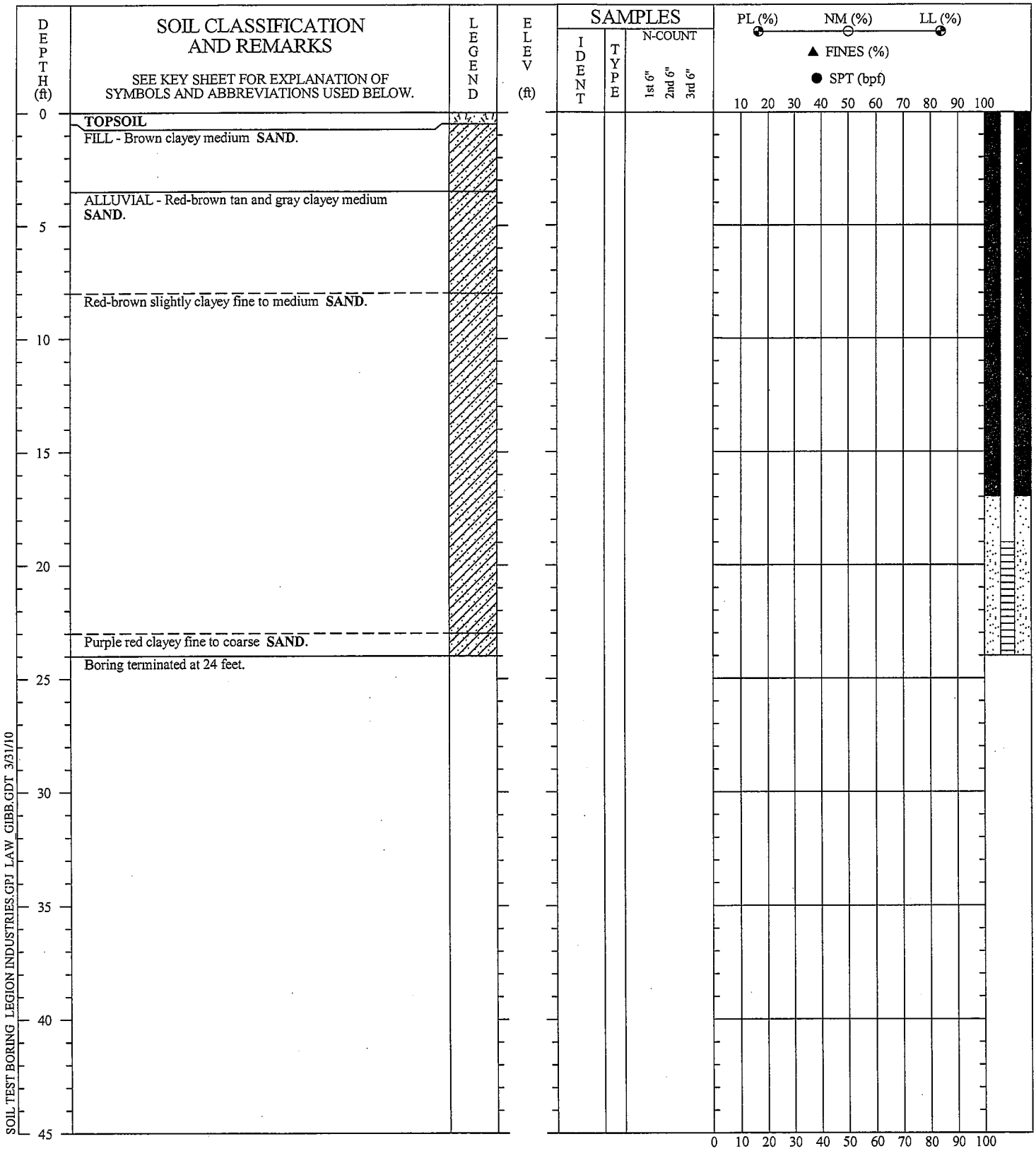
DRILLER:	MACTEC
EQUIPMENT:	CME 75
METHOD:	Hollow Stem Auger
HOLE DIA.:	8.25 inches
REMARKS:	Type II well installed. Stabilized groundwater depth 3.19 feet bgs.

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.: MW-13
PROJECT: Legion Industries
LOCATION: Waynesboro, GA
DRILLED: January 27, 2010
PROJECT NO.: 6121-09-0444 **PAGE 1 OF 1**

MACTEC



SOIL TEST BORING LEGION INDUSTRIES.GPJ LAW_GIBB.GDT 3/31/10

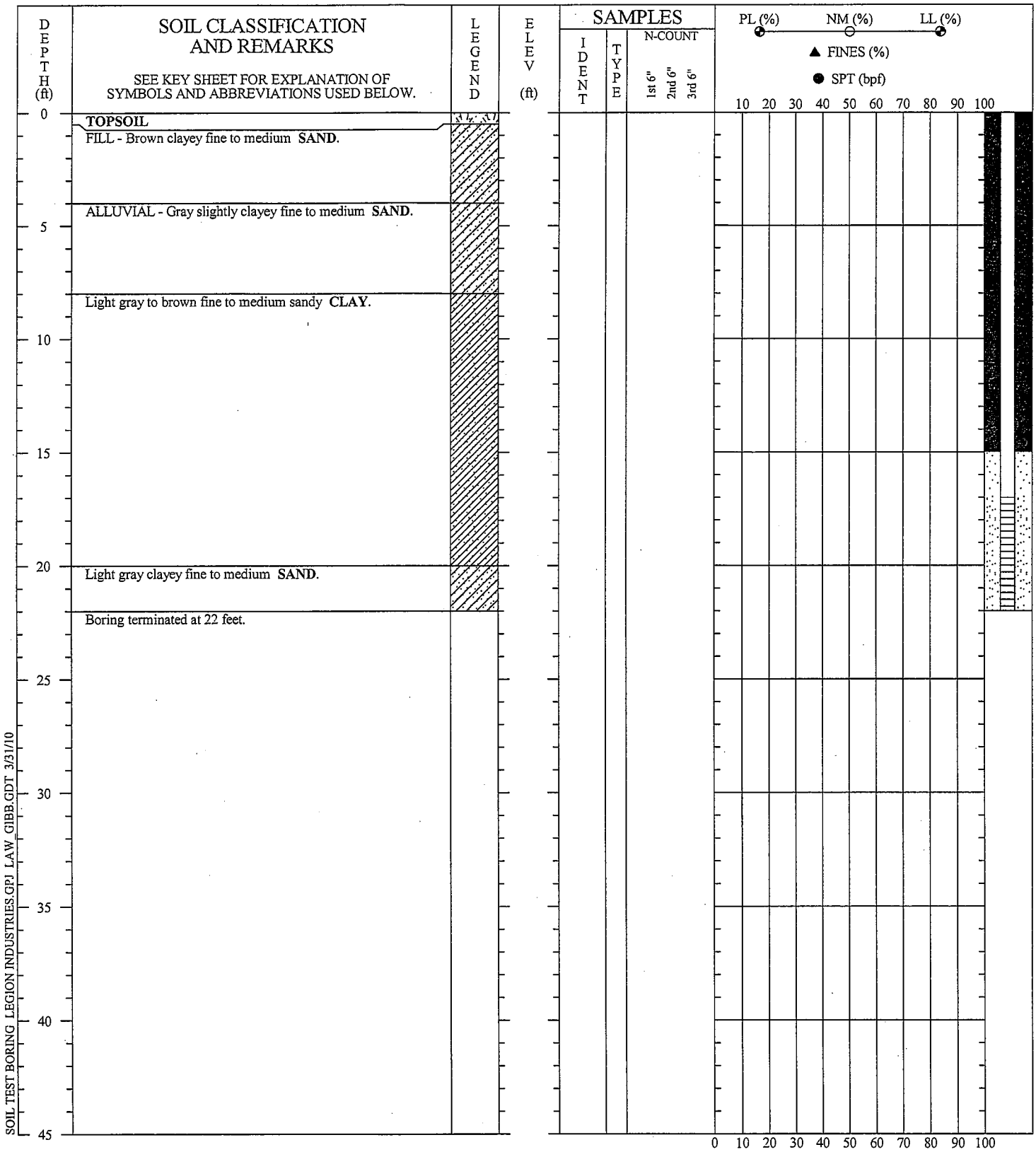
DRILLER:	Atlas GeoSampling
EQUIPMENT:	Geoprobe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	1 inch piezometer installed. Stabilized groundwater depth 4.31 feet.

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.: PZ-4
PROJECT: Legion Industries
LOCATION: Waynesboro, GA
DRILLED: January 27, 2010
PROJECT NO.: 6121-09-0444

MACTEC



SOIL TEST BORING LEGION INDUSTRIES.GPJ LAW_GIBB.GDT 3/31/10

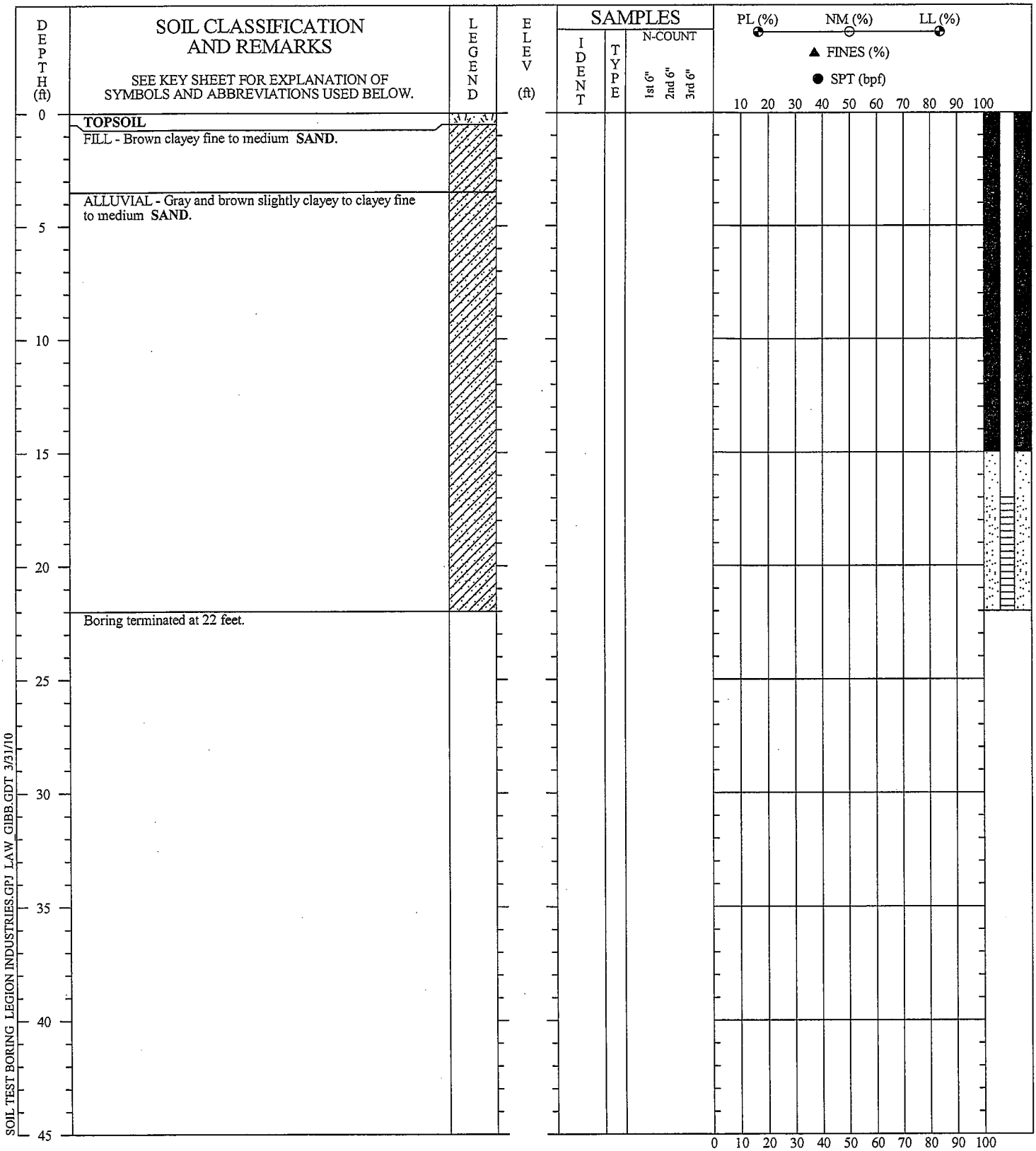
DRILLER:	Atlas GeoSampling
EQUIPMENT:	Geoprobe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	1 inch piezometer installed. Stabilized groundwater depth 3.58 feet.

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.: PZ-5
PROJECT: Legion Industries
LOCATION: Waynesboro, GA
DRILLED: January 27, 2010
PROJECT NO.: 6121-09-0444

MACTEC



SOIL TEST BORING LEGION INDUSTRIES.GPJ LAW_GIBB.GDT 3/31/10

DRILLER:	Atlas GeoSampling
EQUIPMENT:	Geoprobe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	1 inch piezometer installed. Stabilized groundwater depth 2.88 feet.

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.: PZ-6
PROJECT: Legion Industries
LOCATION: Waynesboro, GA
DRILLED: January 27, 2010
PROJECT NO.: 6121-09-0444

MACTEC

DEPTH (ft)	SOIL CLASSIFICATION AND REMARKS SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED BELOW.	LEGEND	ELEV (ft)	SAMPLES IDENT	SAMPLES TYPE	SAMPLES N-COUNT 1st 6" 2nd 6" 3rd 6"	PL (%) NM (%) LL (%) ▲ FINES (%) ● SPT (bpf)
0	CONCRETE FILL - Red clayey medium SAND.						
	VIRGIN - Red brown to gray clayey SAND.						
5	Gray and brown sandy CLAY.						
10	Boring terminated at 10 feet.						
15							
20							
25							
30							
35							
40							
45							

10 20 30 40 50 60 70 80 90 100

0 10 20 30 40 50 60 70 80 90 100

SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 1/24/13

DRILLER: GeoLab
EQUIPMENT: GeoProbe
METHOD: Direct Push
HOLE DIA.: 2 inches
REMARKS:

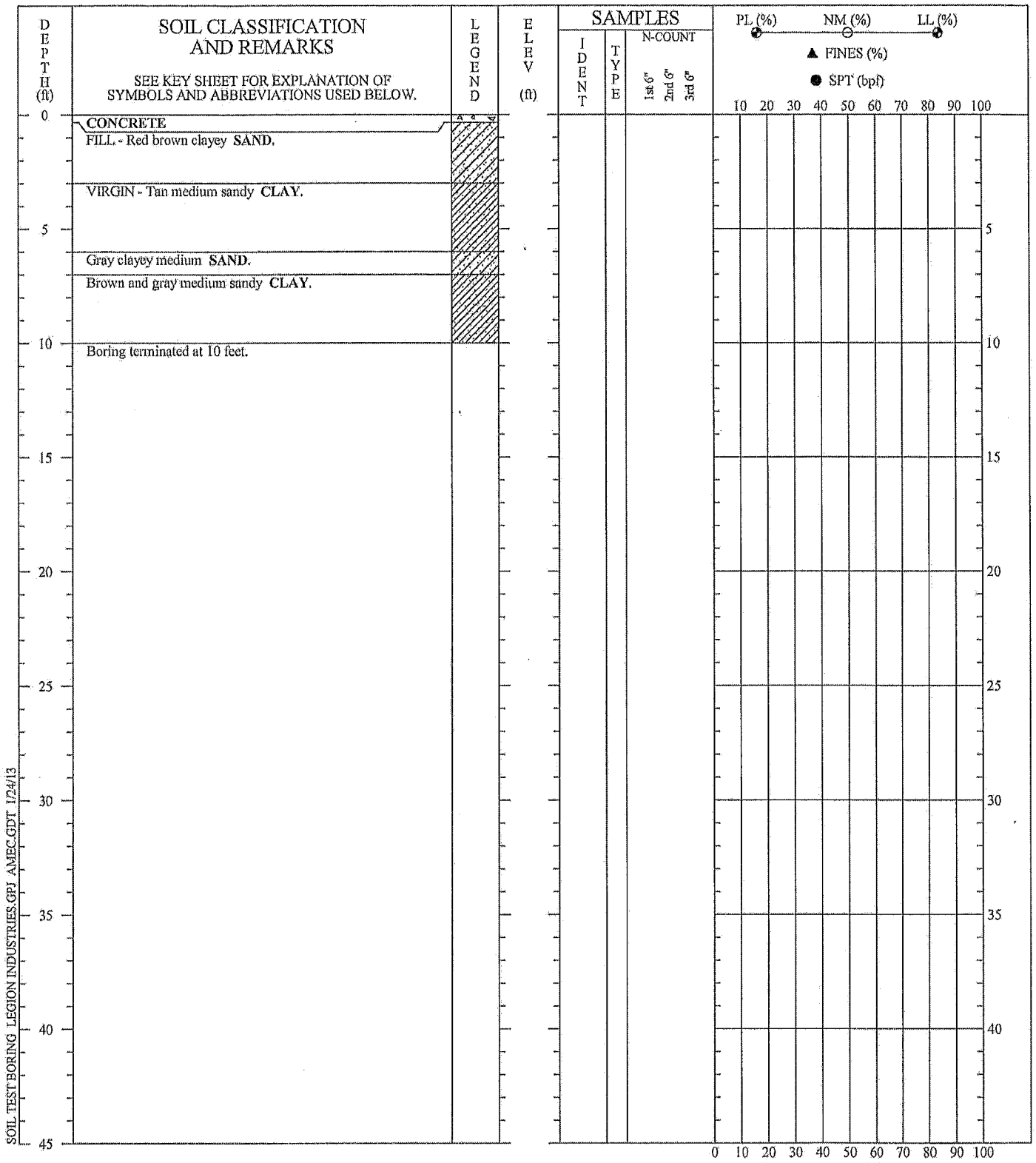
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.: GP-9
PROJECT: Legion Industries
LOCATION: Atlanta, GA
DRILLED: January 3, 2013
PROJECT NO.: 6121-09-0444

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 1/24/13

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	

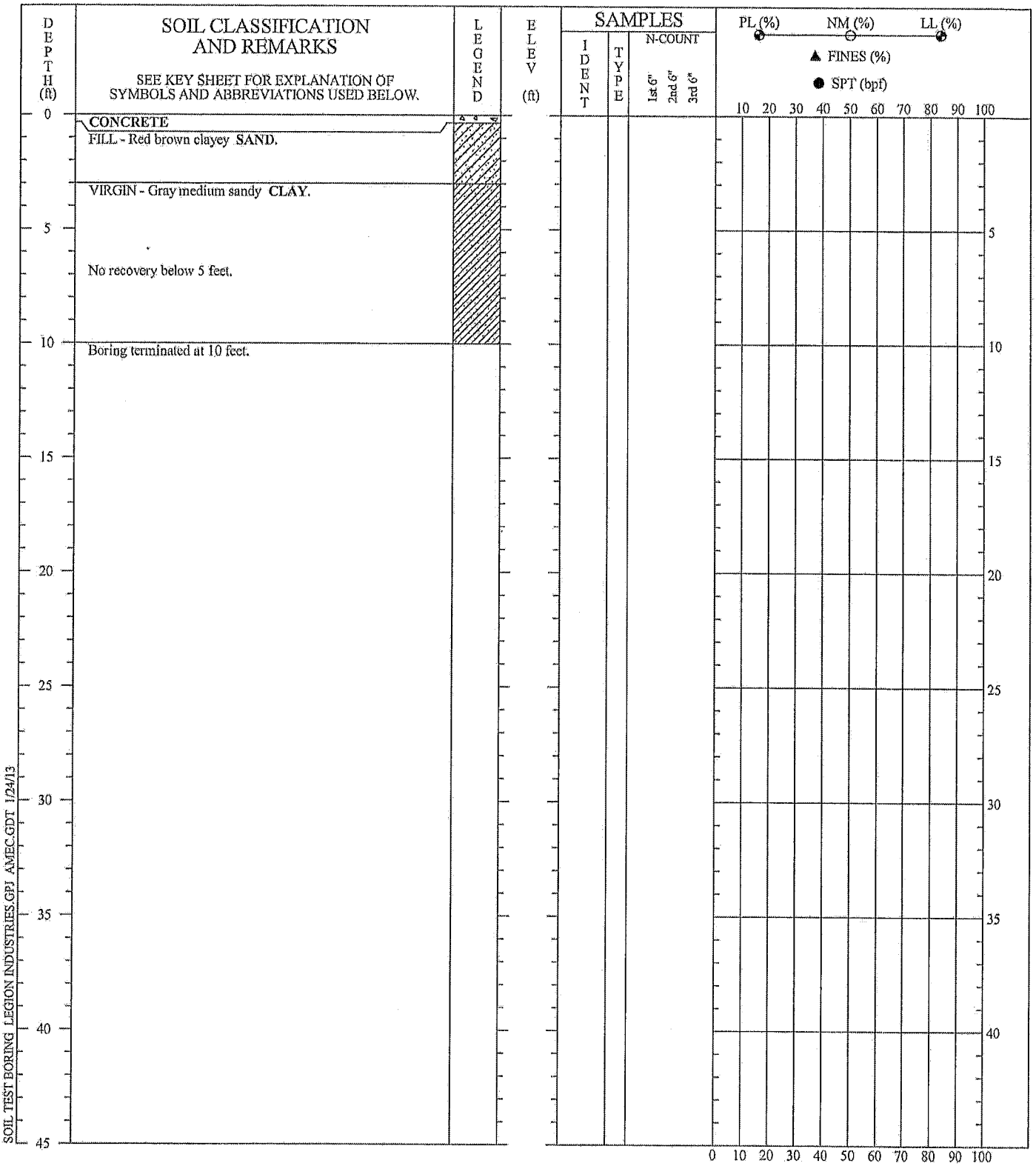
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.:	GP-10
PROJECT:	Legion Industries
LOCATION:	Atlanta, GA
DRILLED:	January 3, 2013
PROJECT NO.:	6121-09-0444

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 1/24/13

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	

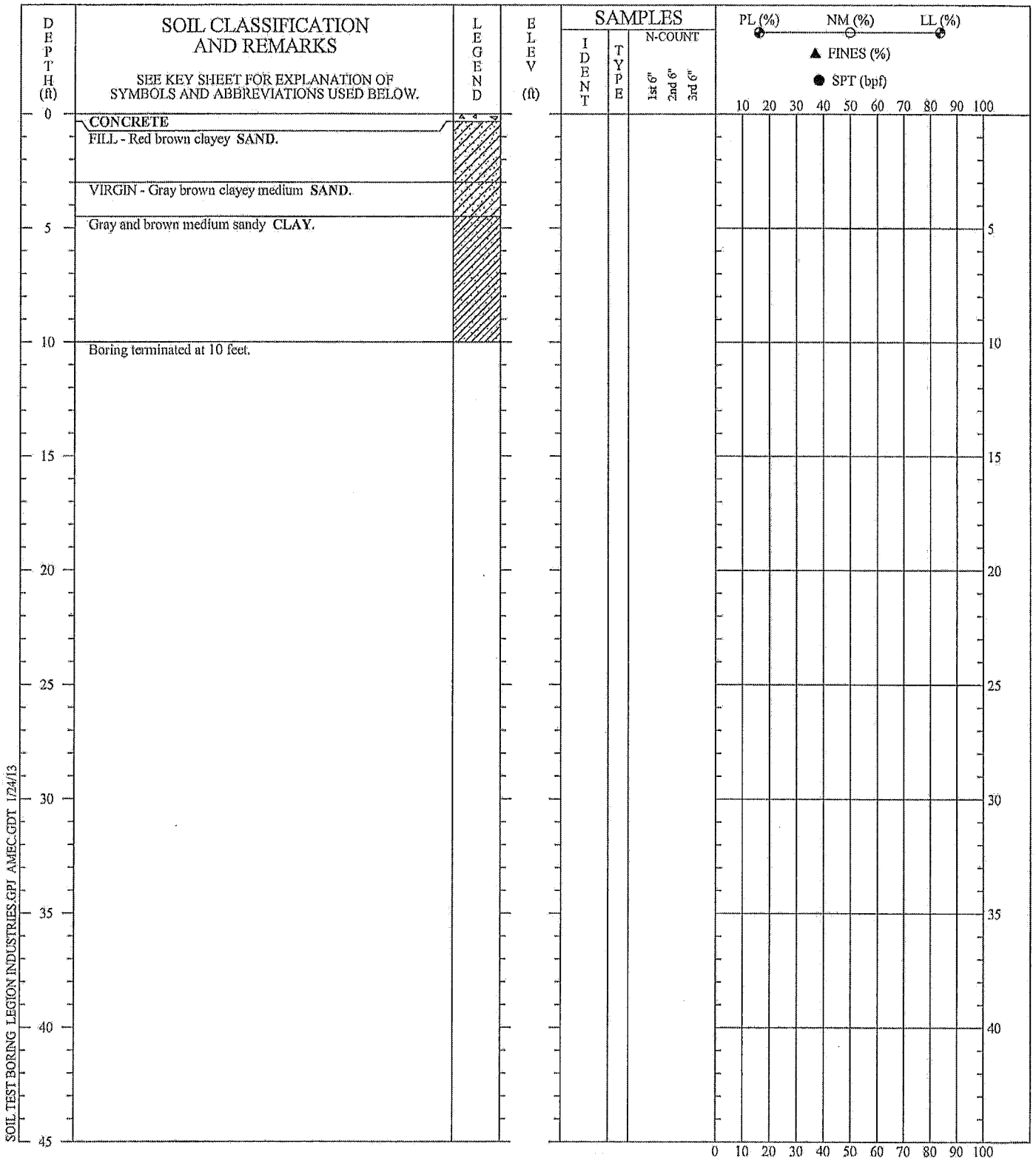
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.:	GP-11
PROJECT:	Legion Industries
LOCATION:	Atlanta, GA
DRILLED:	January 3, 2013
PROJECT NO.:	6121-09-0444

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 1/24/13

DRILLER: GeoLab
EQUIPMENT: GeoProbe
METHOD: Direct Push
HOLE DIA.: 2 inches
REMARKS:

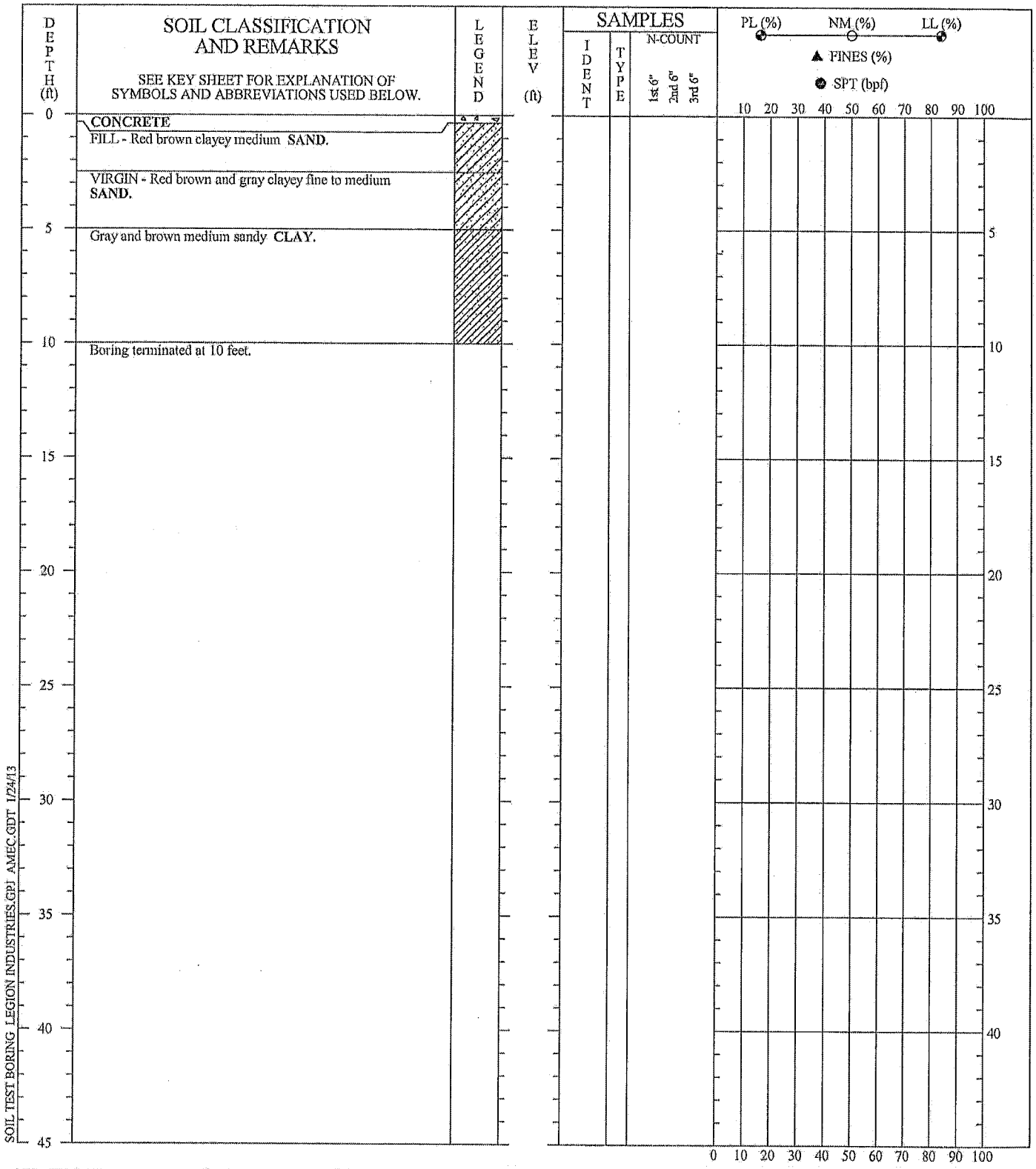
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.: GP-12
PROJECT: Legion Industries
LOCATION: Atlanta, GA
DRILLED: January 3, 2013
PROJECT NO.: 6121-09-0444

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 1/24/13

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	

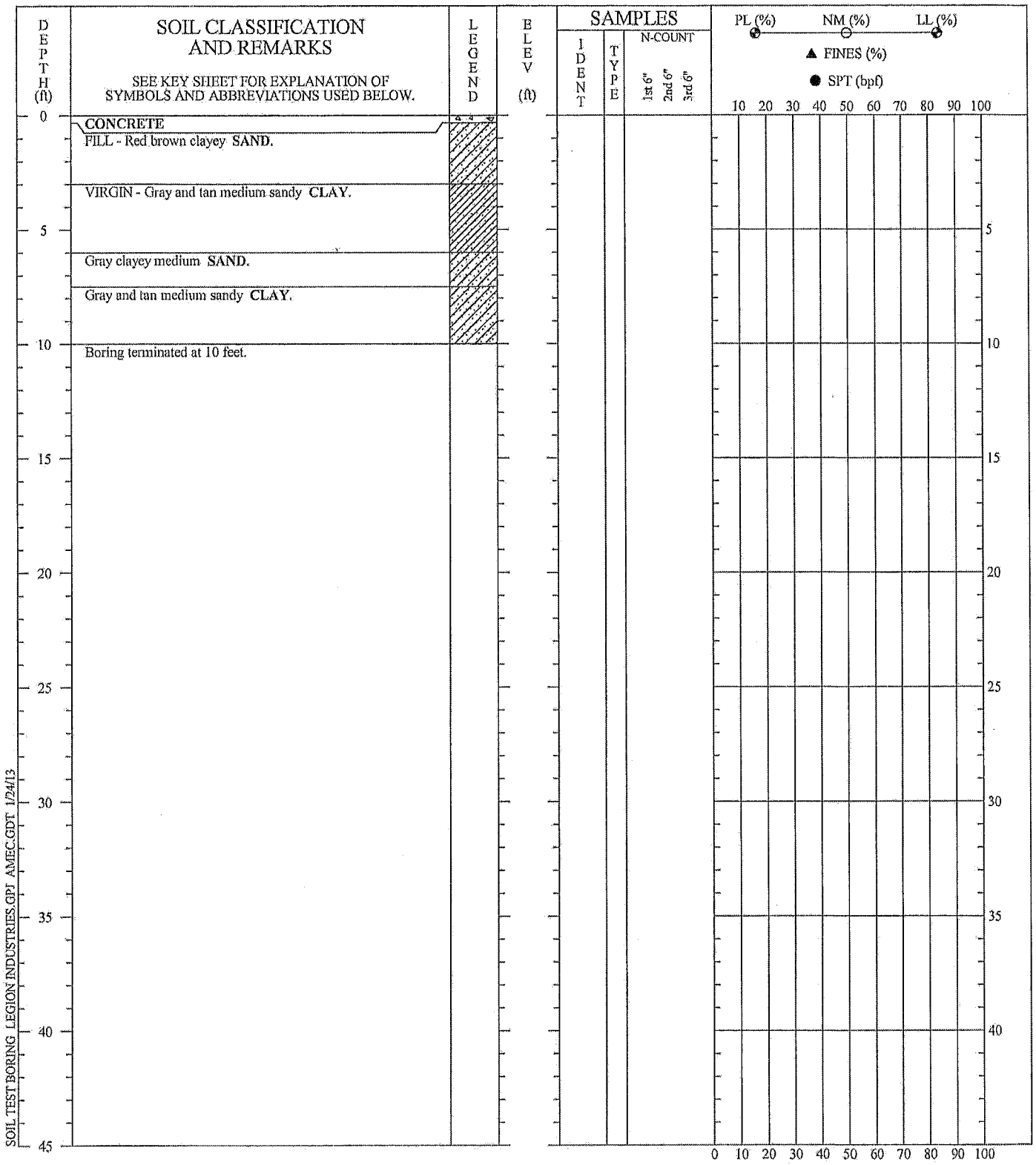
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BETWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.:	GP-13
PROJECT:	Legion Industries
LOCATION:	Atlanta, GA
DRILLED:	January 3, 2013
PROJECT NO.:	6121-09-0444

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 1/24/13

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	

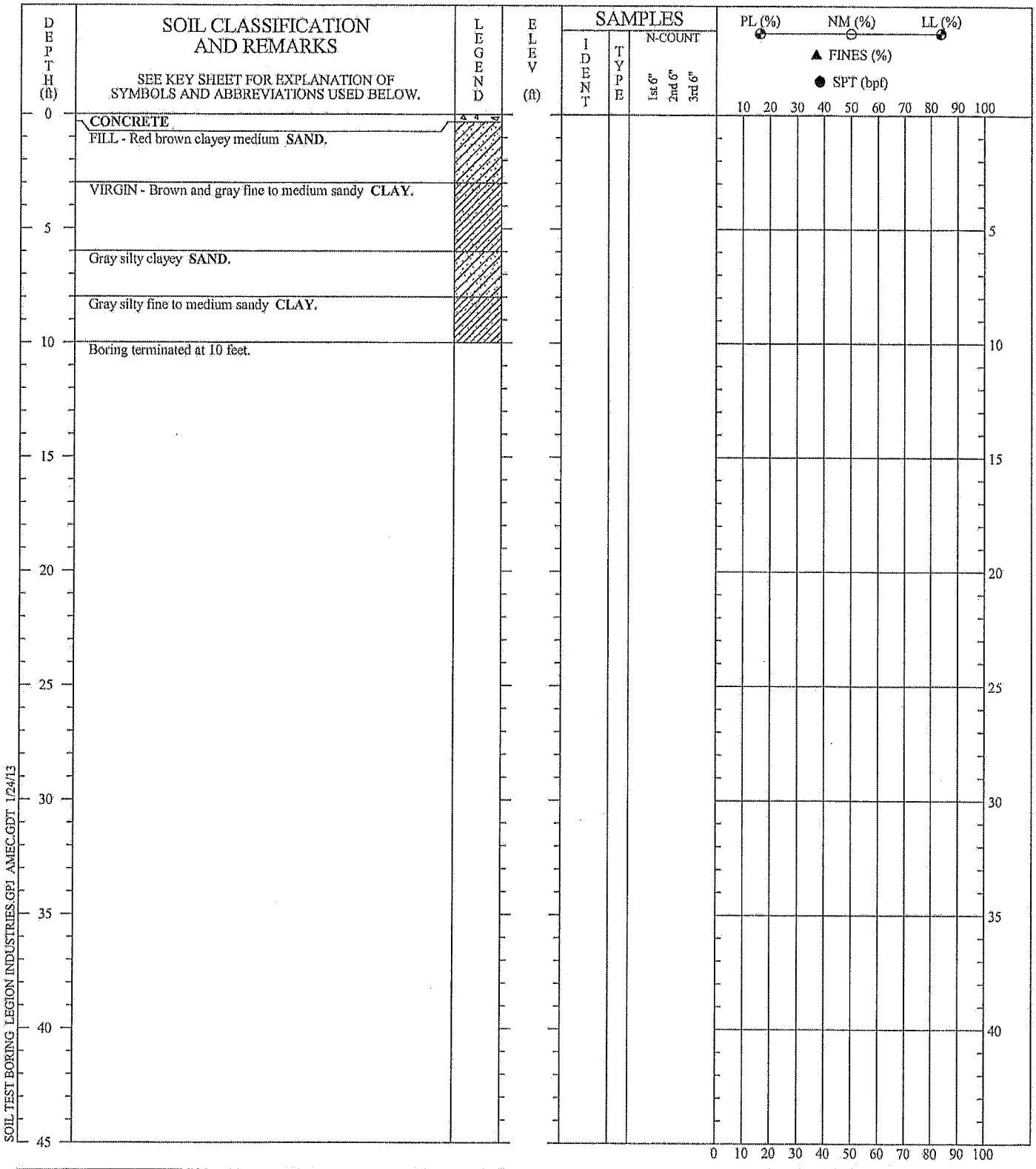
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.:	GP-14
PROJECT:	Legion Industries
LOCATION:	Atlanta, GA
DRILLED:	January 3, 2013
PROJECT NO.:	6121-09-0444

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 1/24/13

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	

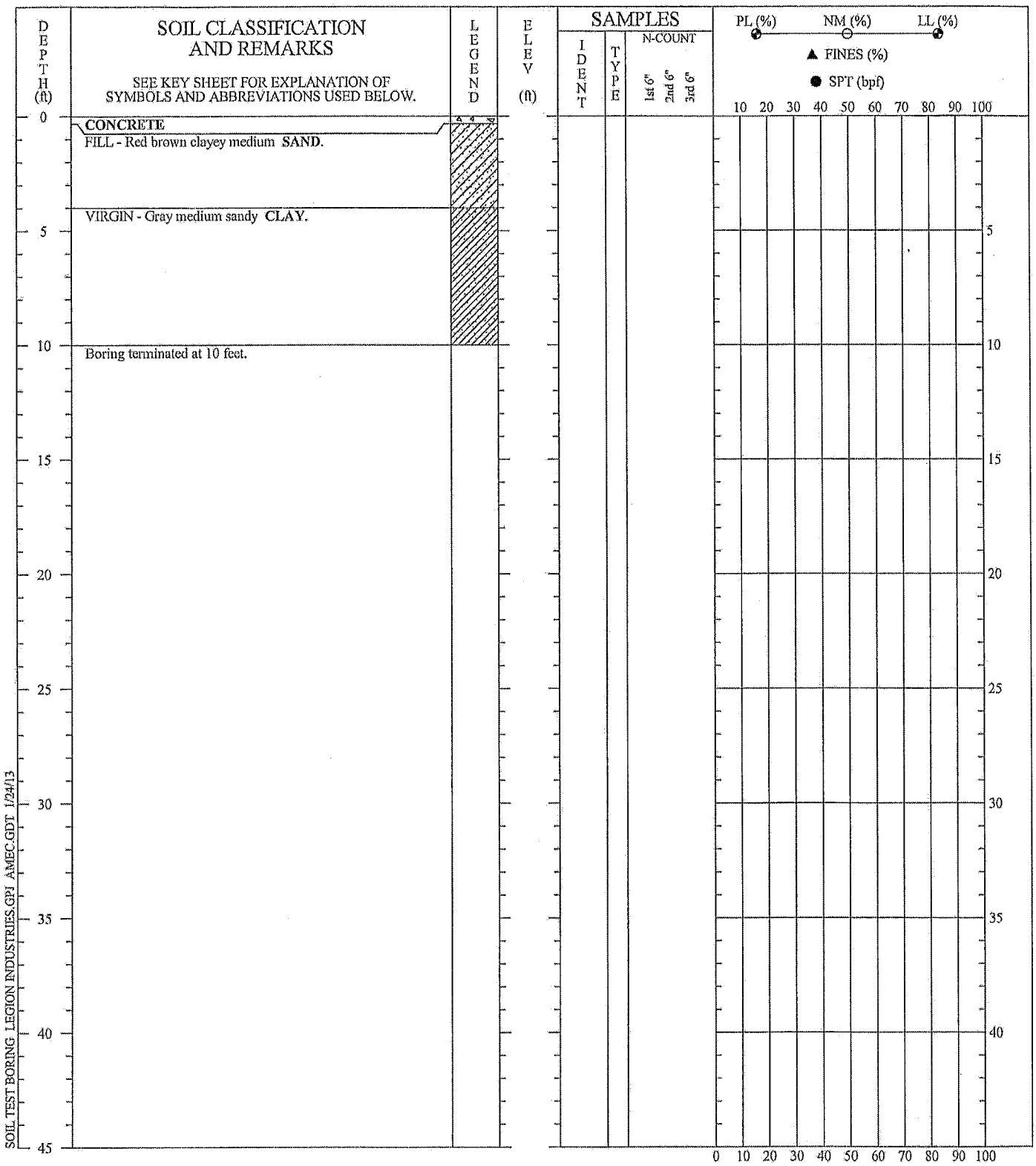
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.:	GP-15
PROJECT:	Legion Industries
LOCATION:	Atlanta, GA
DRILLED:	January 3, 2013
PROJECT NO.:	6121-09-0444

amec



DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	

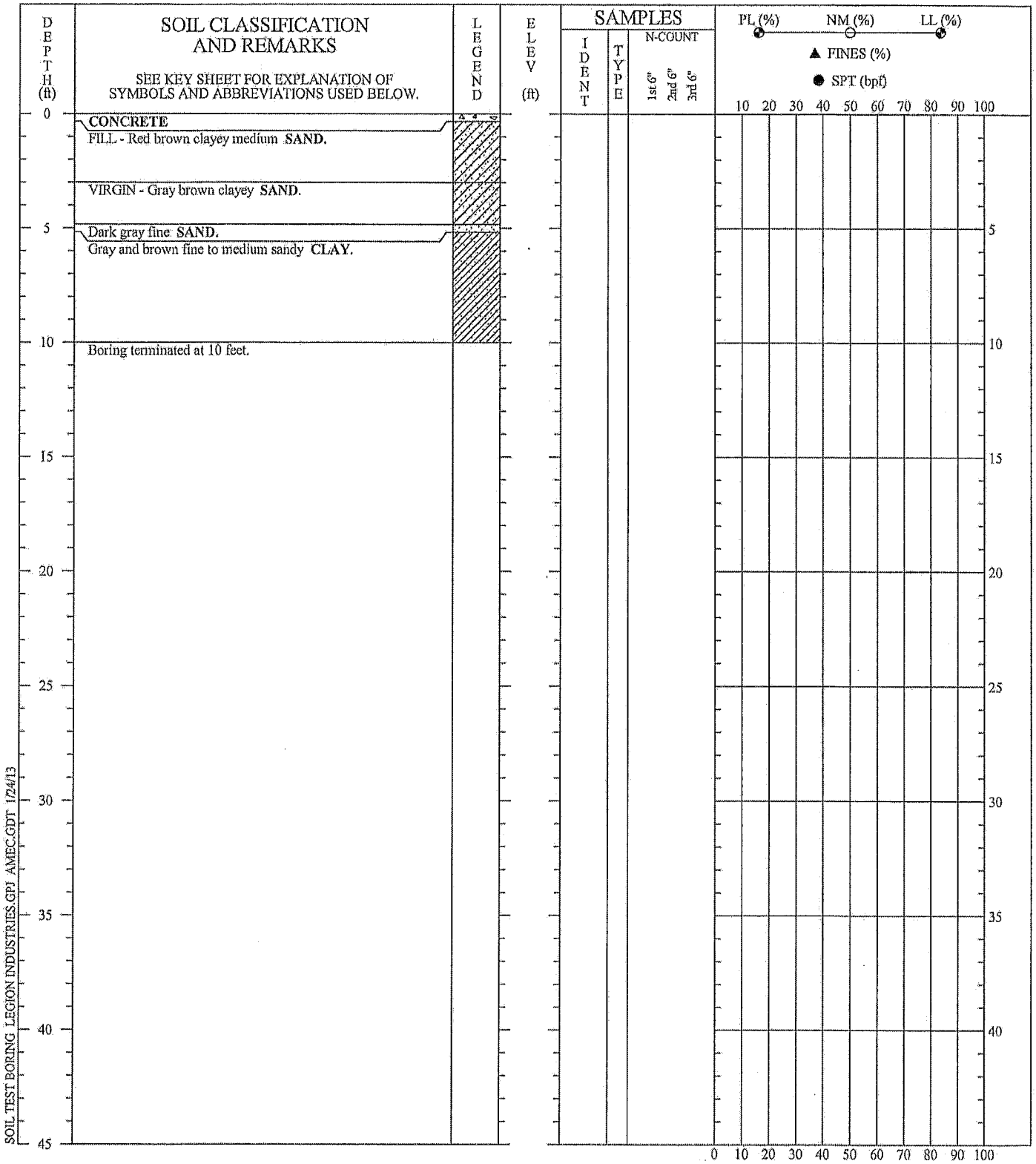
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.:	GP-16
PROJECT:	Legion Industries
LOCATION:	Atlanta, GA
DRILLED:	January 3, 2013
PROJECT NO.:	6121-09-0444

amec



DRILLER: GeoLab
EQUIPMENT: GeoProbe
METHOD: Direct Push
HOLE DIA.: 2 inches
REMARKS:

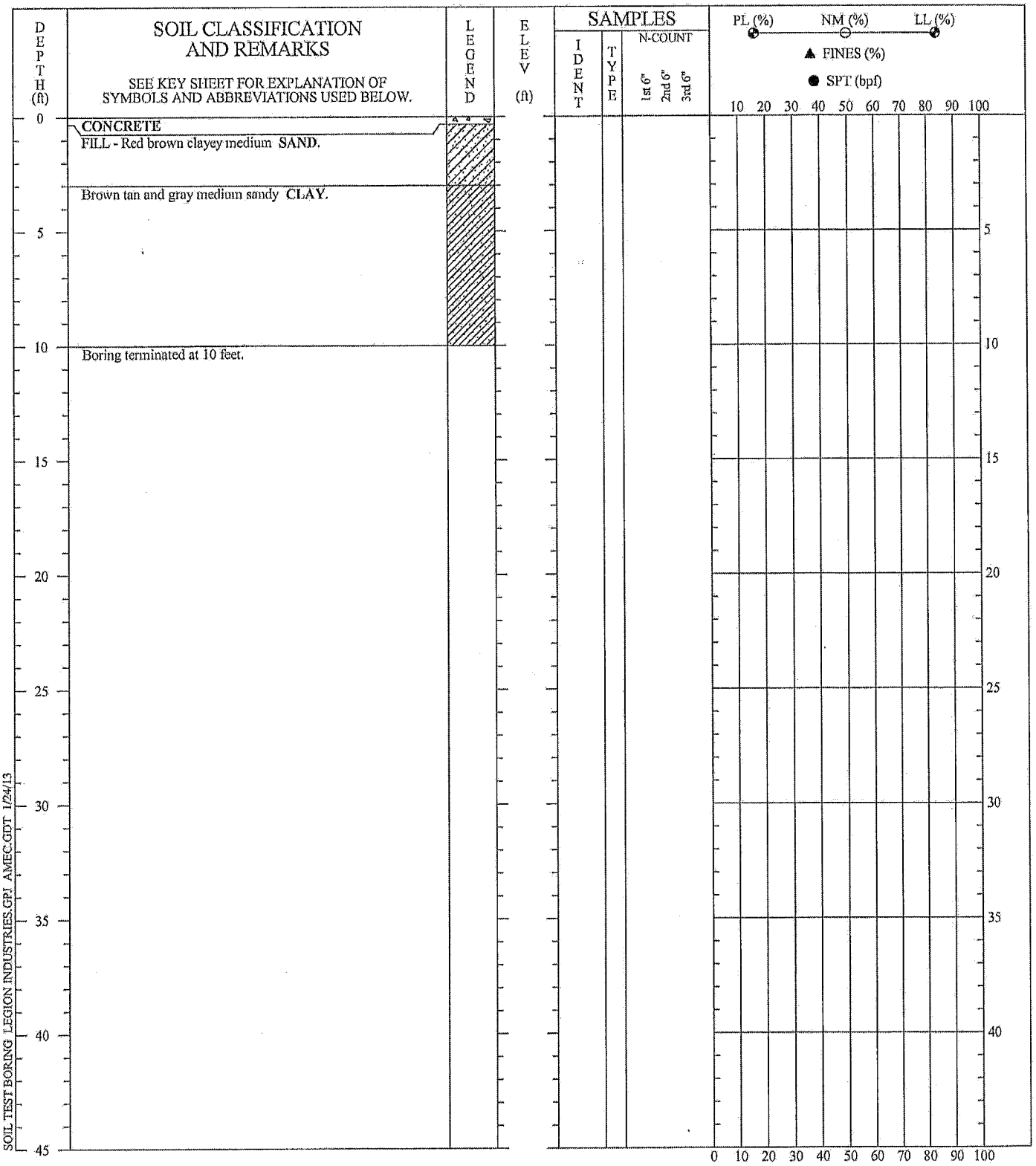
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.: GP-17
PROJECT: Legion Industries
LOCATION: Atlanta, GA
DRILLED: January 3, 2013
PROJECT NO.: 6121-09-0444

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 1/24/13

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	

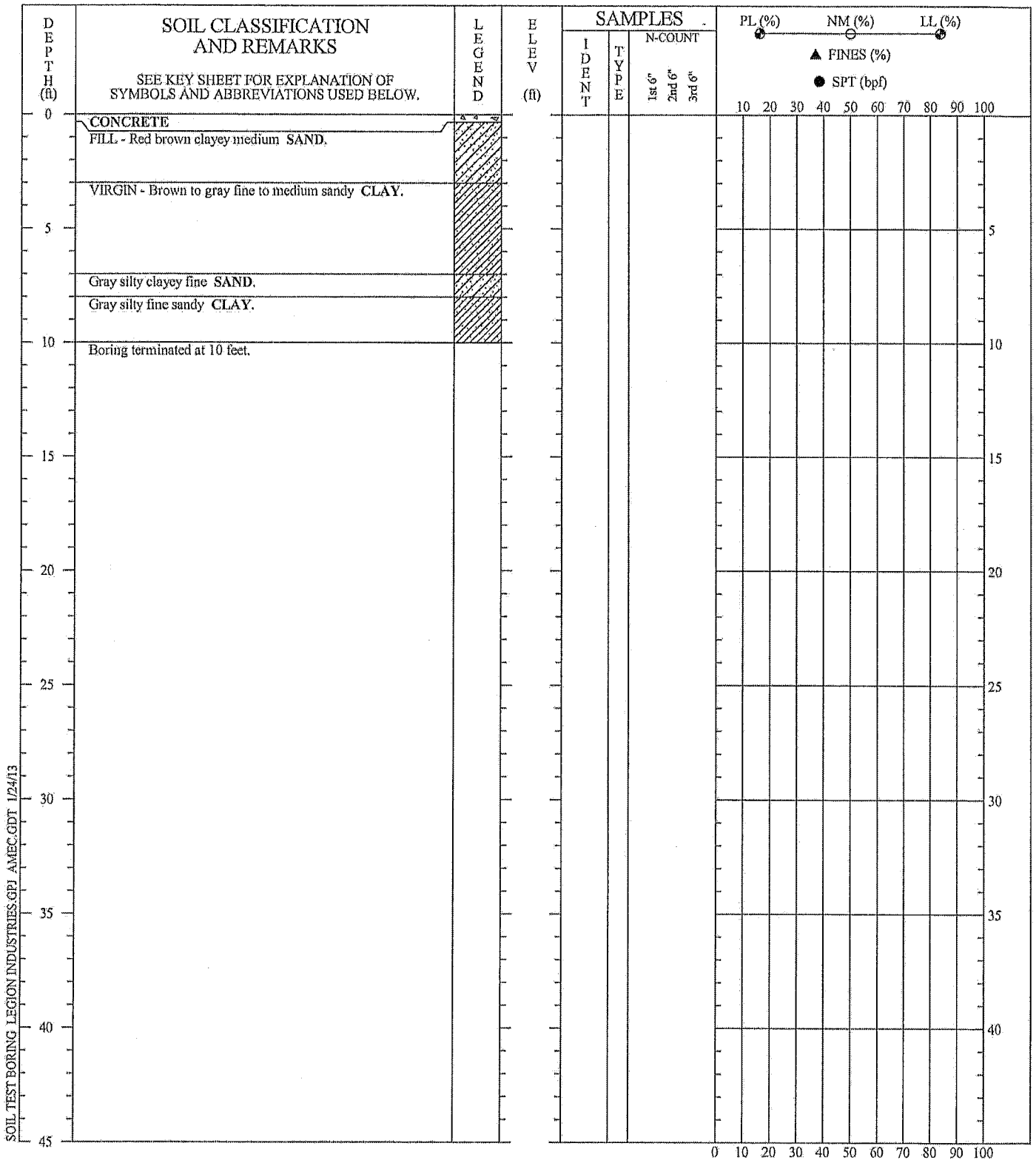
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.:	GP-18
PROJECT:	Legion Industries
LOCATION:	Atlanta, GA
DRILLED:	January 3, 2013
PROJECT NO.:	6121-09-0444

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 1/24/13

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	

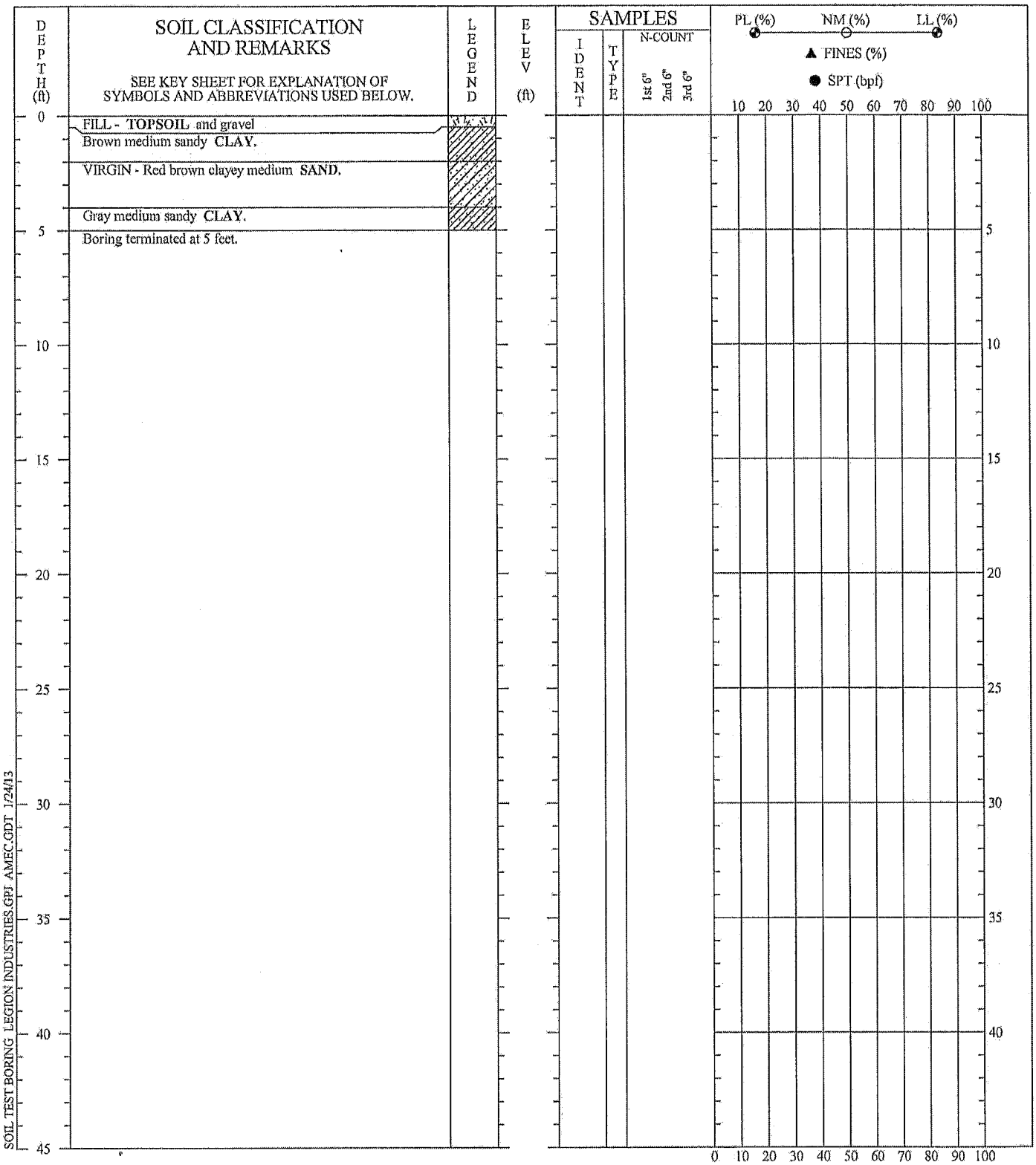
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.:	GP-19
PROJECT:	Legion Industries
LOCATION:	Atlanta, GA
DRILLED:	January 3, 2013
PROJECT NO.:	6121-09-0444

amec



DRILLER: GeoLab
EQUIPMENT: GeoProbe
METHOD: Direct Push
HOLE DIA.: 2 inches
REMARKS:

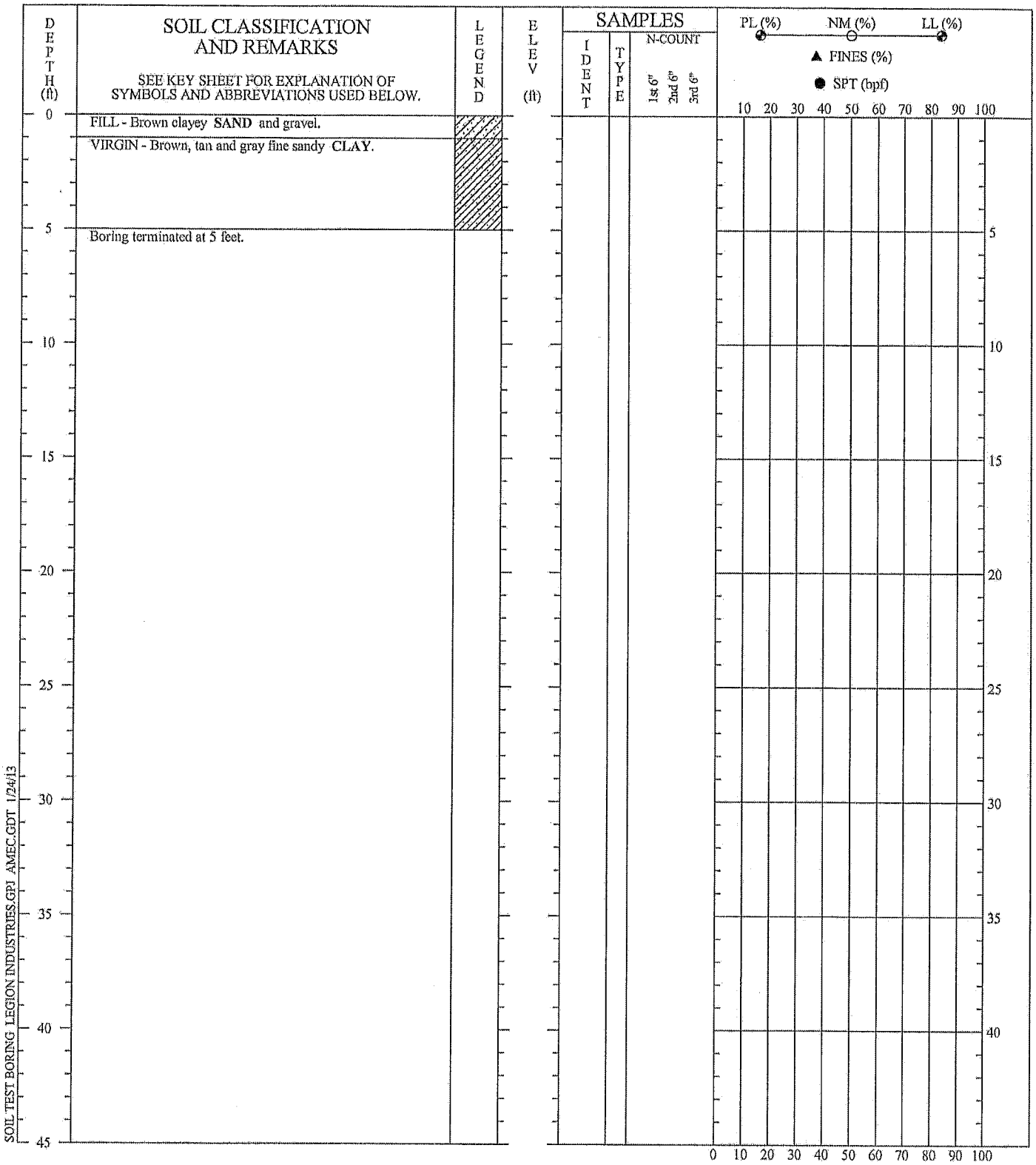
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.: SS-13
PROJECT: Legion Industries
LOCATION: Atlanta, GA
DRILLED: January 4, 2013
PROJECT NO.: 6121-09-0444 **PAGE 1 OF 1**

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 1/24/13

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	

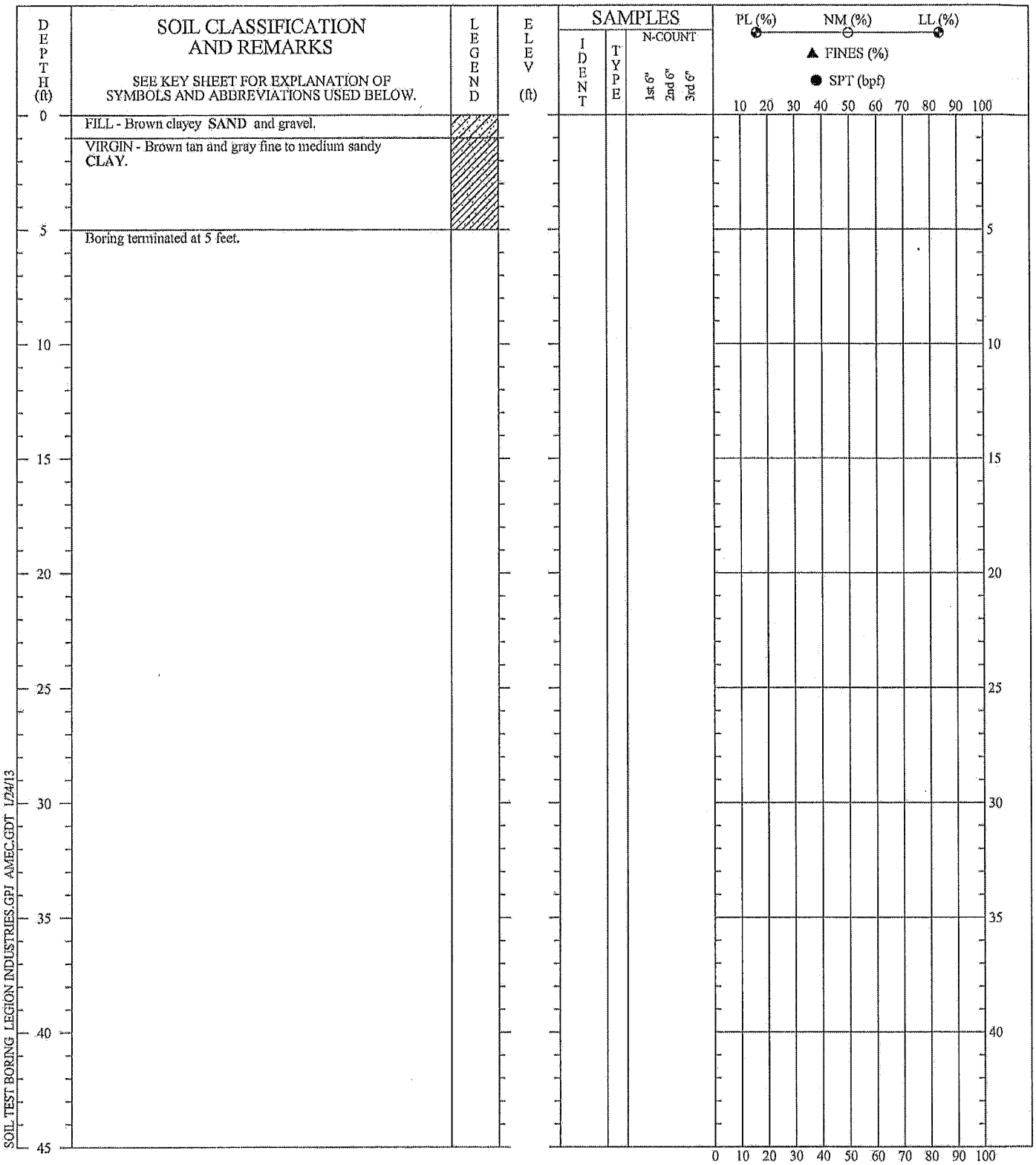
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.:	SS-14
PROJECT:	Legion Industries
LOCATION:	Atlanta, GA
DRILLED:	January 4, 2013
PROJECT NO.:	6121-09-0444

amec



DRILLER: GeoLab
EQUIPMENT: GeoProbe
METHOD: Direct Push
HOLE DIA.: 2 inches
REMARKS:

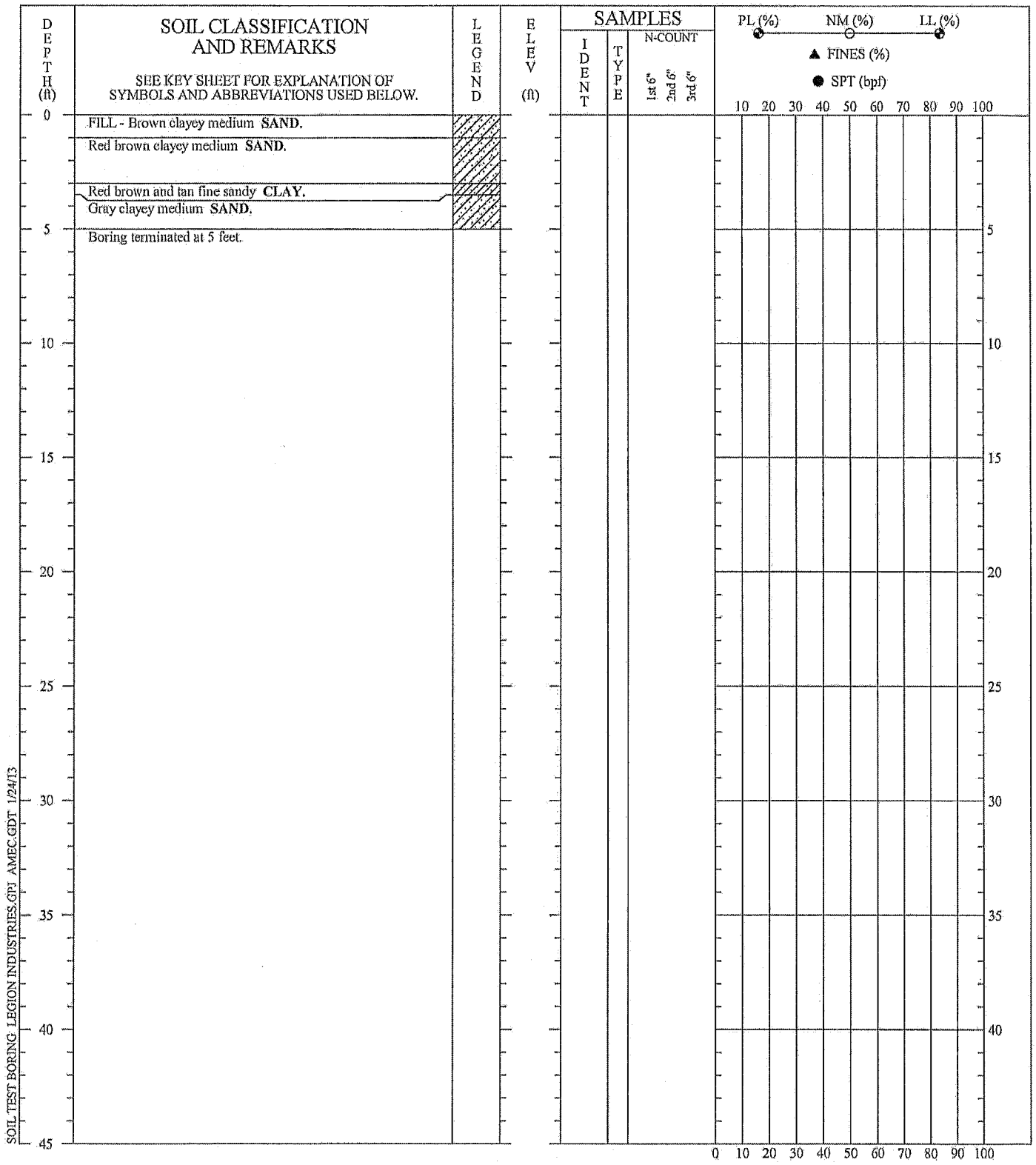
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.: SS-15
PROJECT: Legion Industries
LOCATION: Atlanta, GA
DRILLED: January 4, 2013
PROJECT NO.: 6121-09-0444

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 1/24/13

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	

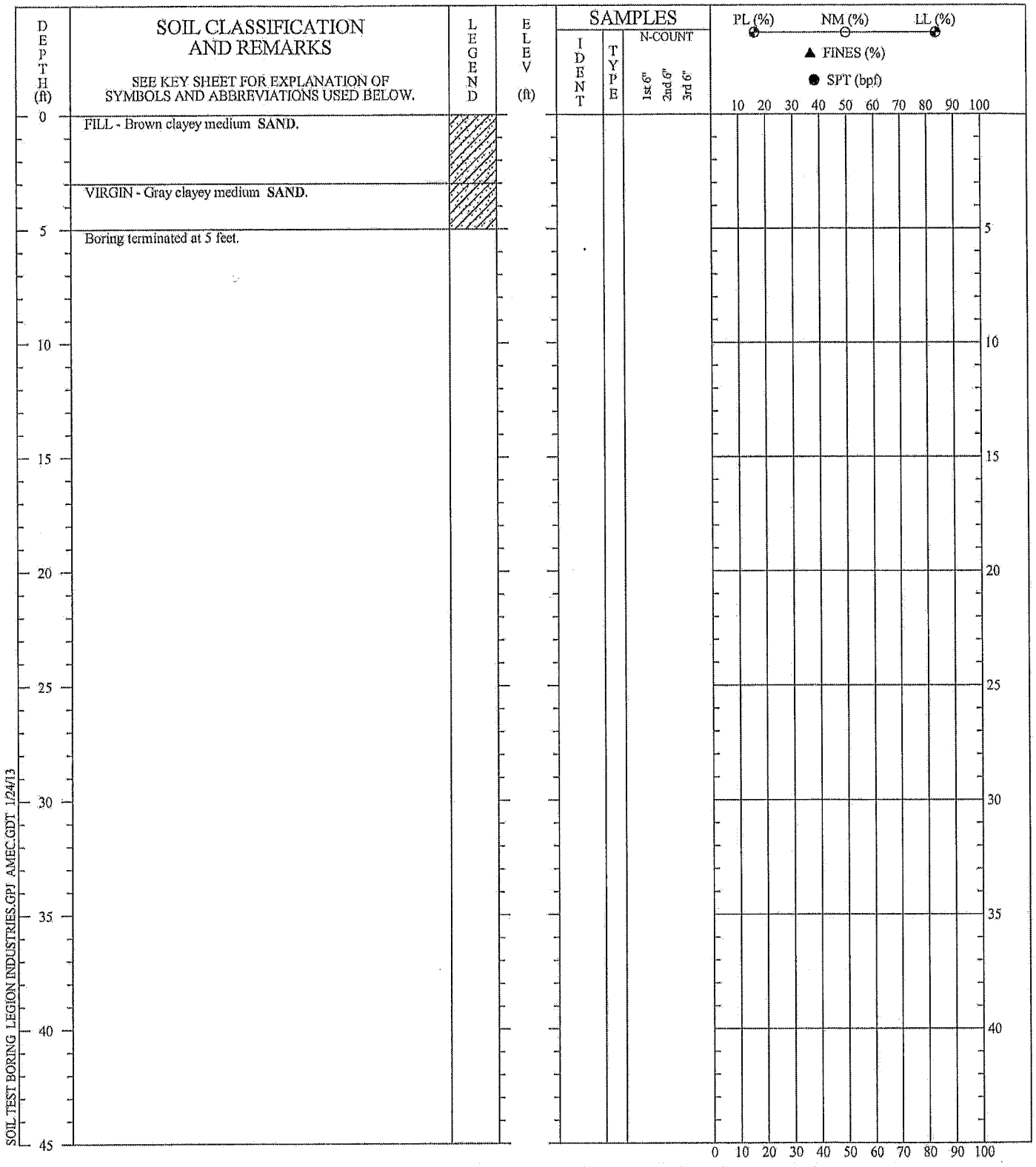
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.:	SS-16
PROJECT:	Legion Industries
LOCATION:	Atlanta, GA
DRILLED:	January 4, 2013
PROJECT NO.:	6121-09-0444

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 1/24/13

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	

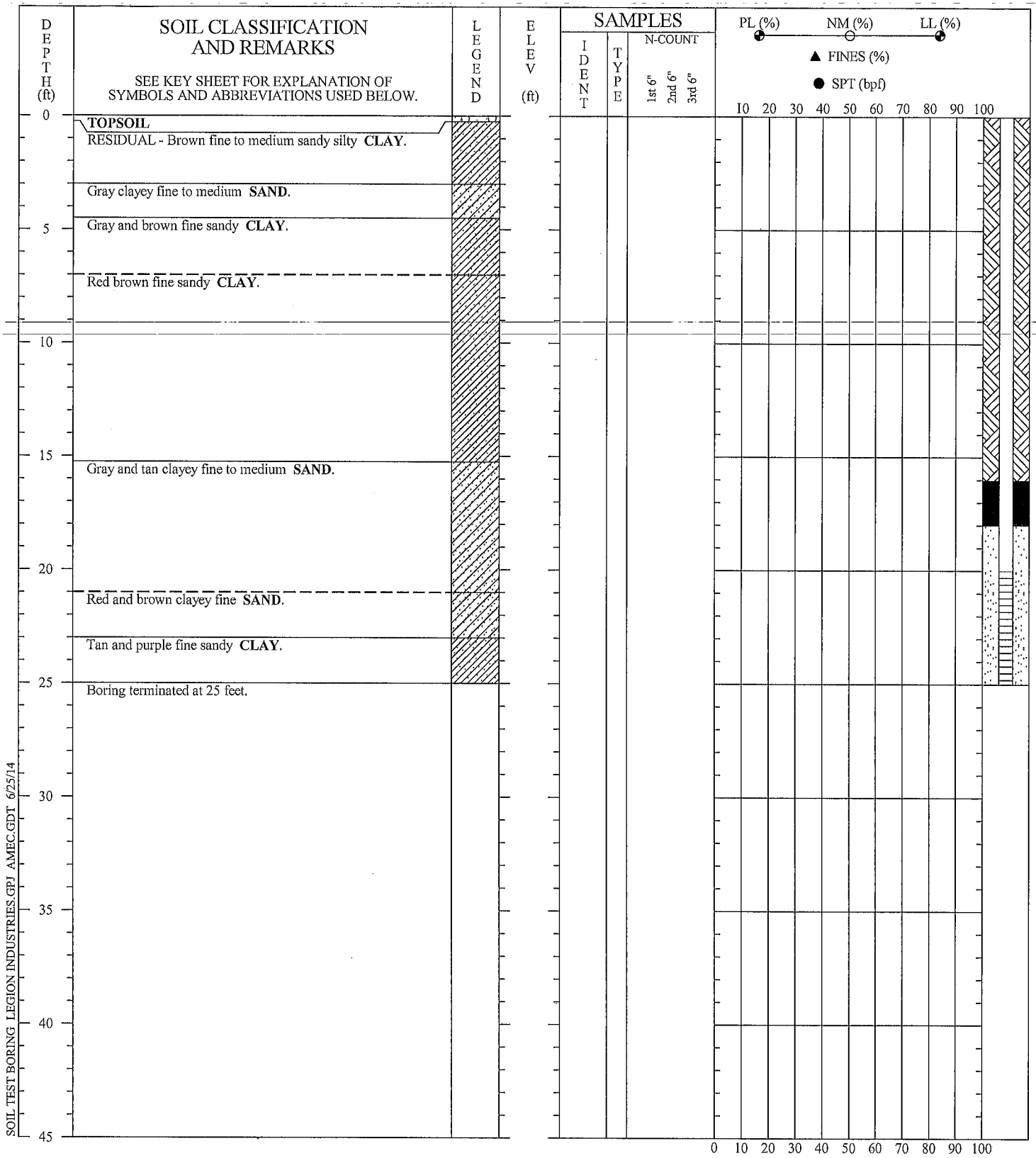
PREPARED BY: S. Foley CHECKED BY: C. Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.:	SS-17
PROJECT:	Legion Industries
LOCATION:	Atlanta, GA
DRILLED:	January 4, 2013
PROJECT NO.:	6121-09-0444

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 6/25/14

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push/Hollow Stem Auger
HOLE DIA.:	8 inches
REMARKS:	Well installed. Groundwater at __ feet.

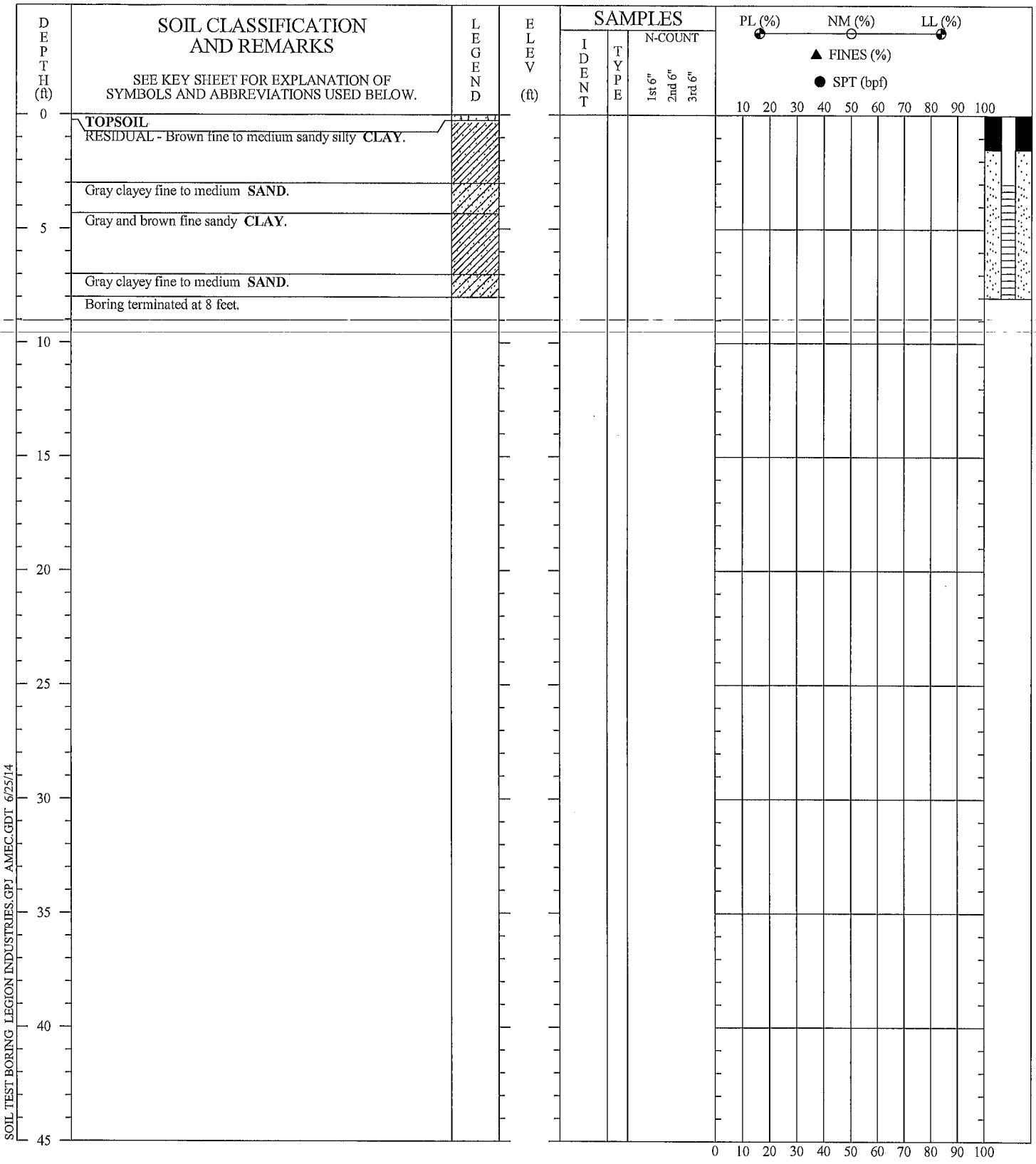
Prepared by: S. Foley Reviewed by: Chuck Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.:	MW-14
PROJECT:	Legion Industries
LOCATION:	Atlanta, GA
DRILLED:	June 17, 2014
PROJECT NO.:	6121-09-0444

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 6/25/14

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push/Hollow Stem Auger
HOLE DIA.:	8 inches
REMARKS:	Well installed. Groundwater at __ feet.

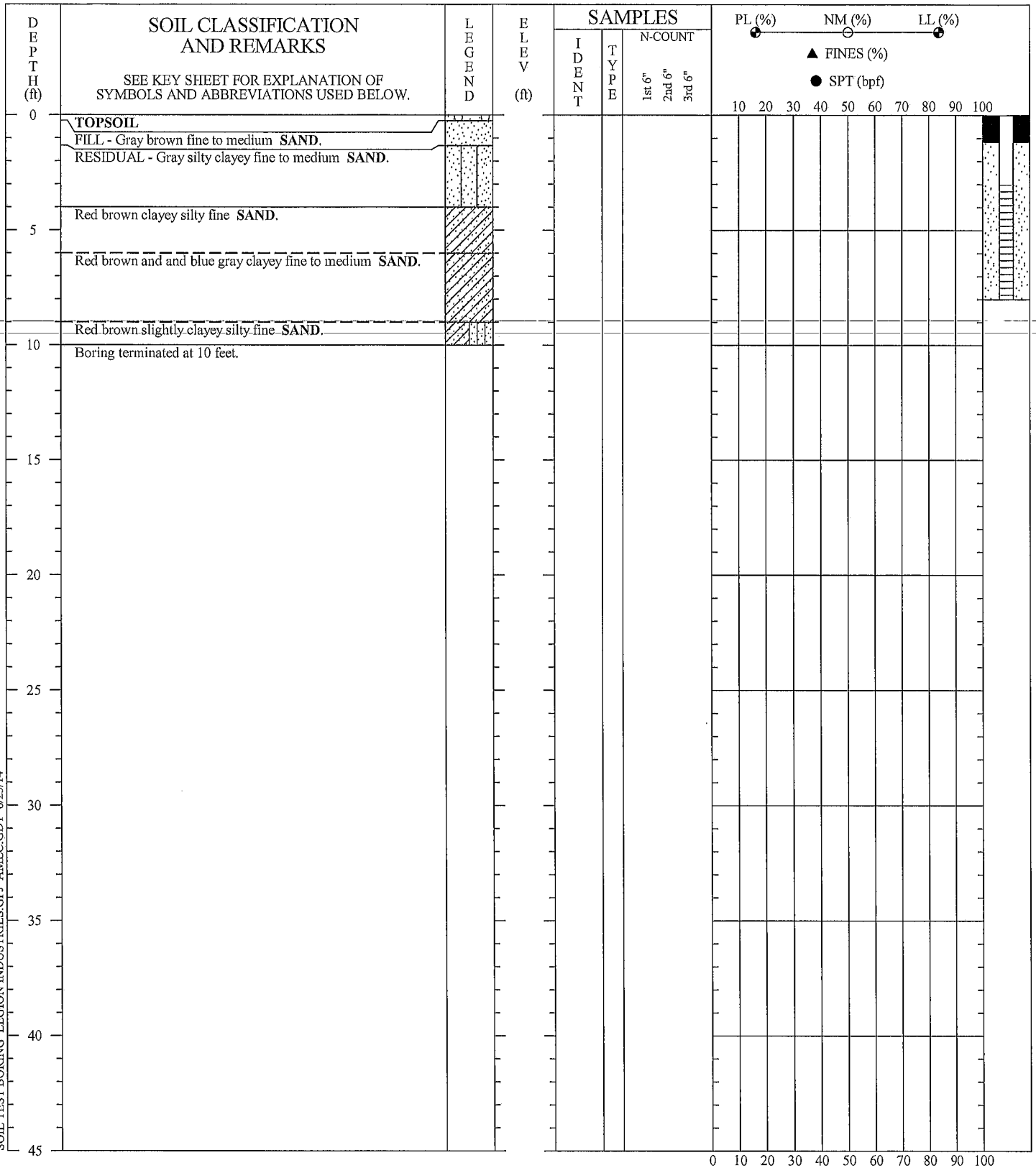
Prepared by: S. Foley Reviewed by: Chuck Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.: MW-15
PROJECT: Legion Industries
LOCATION: Atlanta, GA
DRILLED: June 17, 2014
PROJECT NO.: 6121-09-0444

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 6/25/14

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push/Hollow Stem Auger
HOLE DIA.:	8 inches
REMARKS:	Well installed. Groundwater at ___ feet.

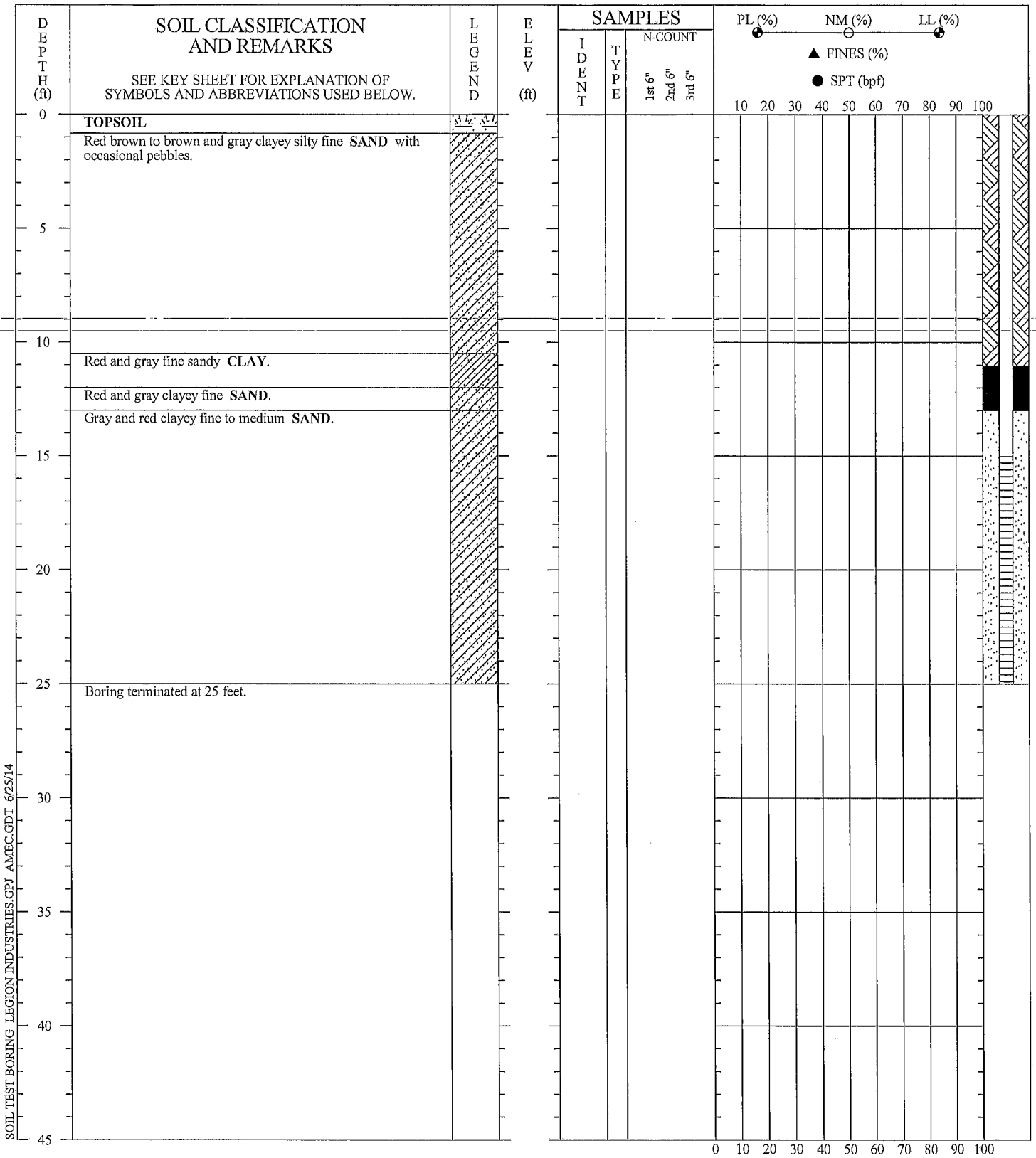
Prepared by: S. Foley Reviewed by: Chuck Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.:	MW-16
PROJECT:	Legion Industries
LOCATION:	Atlanta, GA
DRILLED:	June 17, 2014
PROJECT NO.:	6121-09-0444

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 6/25/14

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push/Hollow Stem Auger
HOLE DIA.:	8 inches
REMARKS:	Well installed. Groundwater at __ feet.

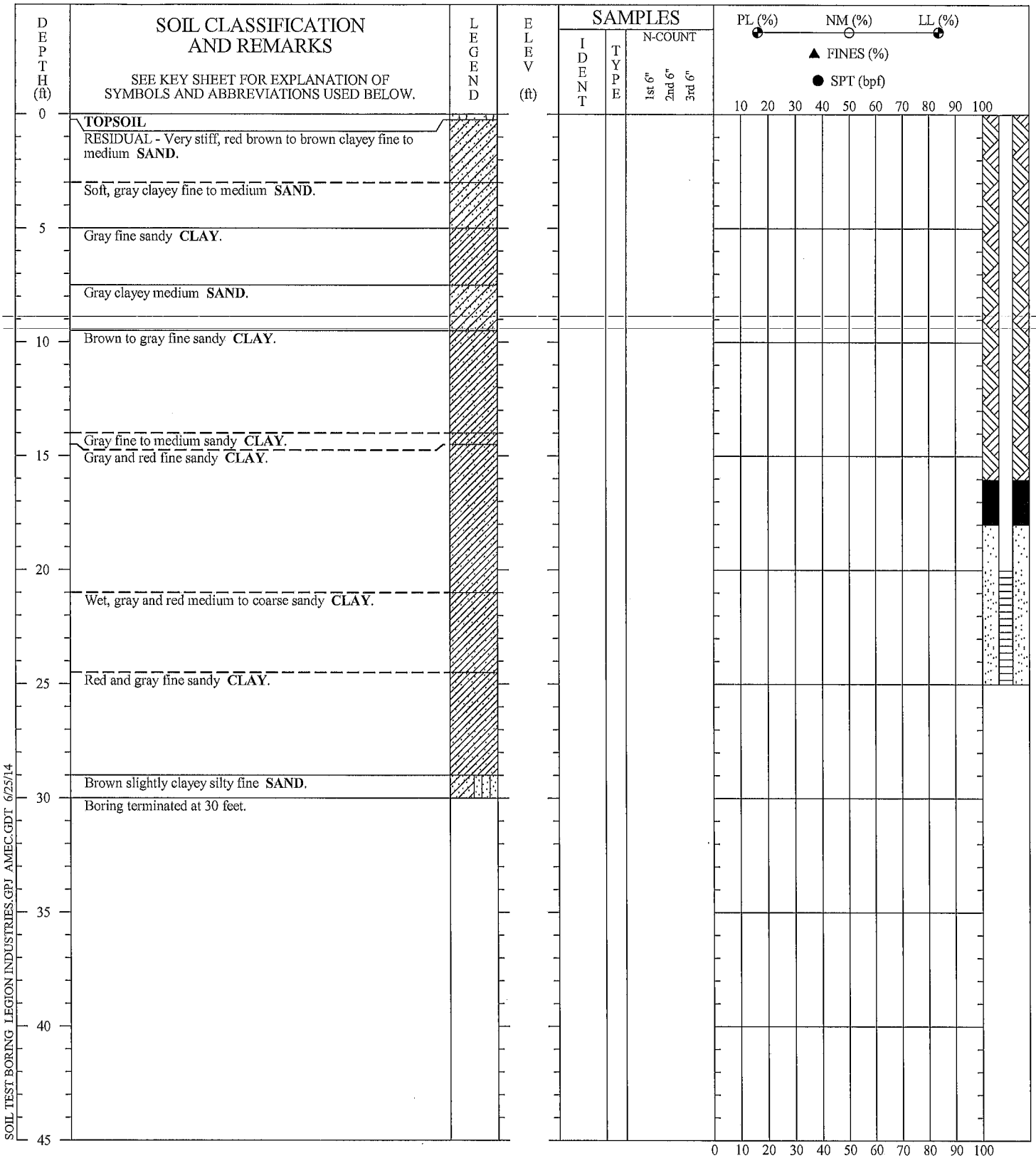
Prepared by: S. Foley Reviewed by: Chuck Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.: MW-17
PROJECT: Legion Industries
LOCATION: Atlanta, GA
DRILLED: June 17, 2014
PROJECT NO.: 6121-09-0444 **PAGE 1 OF 1**

amec



SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 6/25/14

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push/Hollow Stem Auger
HOLE DIA.:	8 inches
REMARKS:	Well installed. Groundwater at __ feet.

Prepared by: S. Foley Reviewed by: Chuck Ferry

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING RECORD

BORING NO.: MW-18
PROJECT: Legion Industries
LOCATION: Atlanta, GA
DRILLED: June 18, 2014
PROJECT NO.: 6121-09-0444 **PAGE 1 OF 1**

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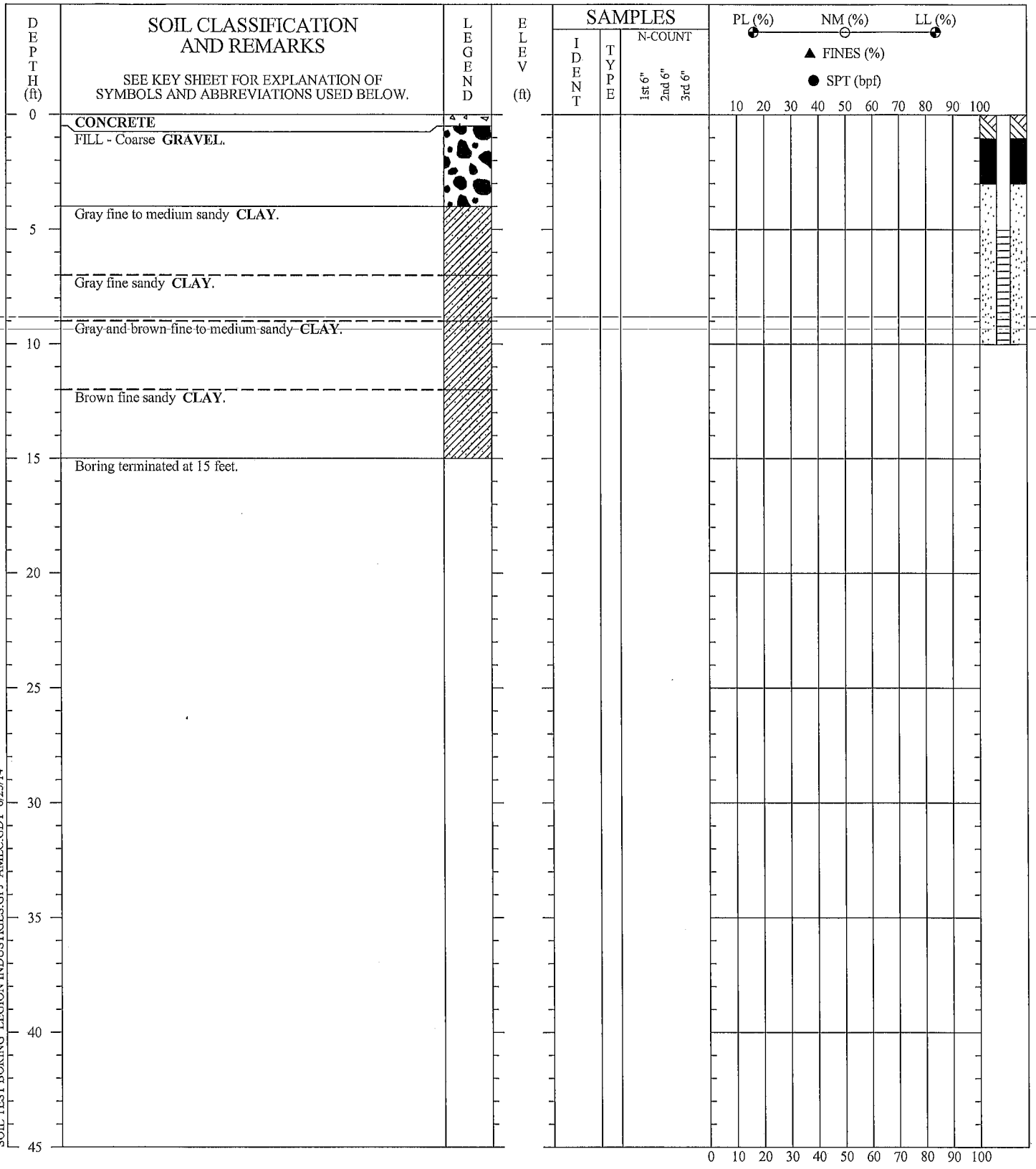

SOIL TEST BORING LEGION INDUSTRIES.GPJ AMEC.GDT 6/25/14

DRILLER:	GeoLab
EQUIPMENT:	GeoProbe
METHOD:	Direct Push/Hollow Stem Auger
HOLE DIA.:	8 inches
REMARKS:	Well installed. Groundwater at __ feet.

Prepared by: S. Foley Reviewed by: Chuck Ferry

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SOIL TEST BORING RECORD

BORING NO.: MW-19
PROJECT: Legion Industries
LOCATION: Atlanta, GA
DRILLED: June 18, 2014
PROJECT NO.: 6121-09-0444 **PAGE 1 OF 1**

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APPENDIX C

RISK REDUCTION STANDARDS

Table B-1
Summary of Soil RRS

PARAMETER	Type 1 RRS mg/kg	Type 2 RRS DAF of 20 mg/kg	Type 3 RRS Surface mg/kg	Type 3 RRS Subsurface mg/kg	Type 4 RRS IW DAF of 20 mg/kg
Volatile Organic Compounds (VOCs)					
1,1,2-Trichloroethane	5.0E-01	3.2E-02	5.0E-01	5.0E-01	3.2E-02
1,1-Dichloroethane	4.0E+02	2.3E+01	4.0E+02	4.0E+02	2.3E+01
1,1-Dichloroethene	7.0E-01	7.4E-01	7.0E-01	7.0E-01	3.8E+00
Chlorobenzene	1.0E+01	1.4E+00	1.0E+01	1.0E+01	1.8E+00
cis-1,2-Dichloroethene	7.0E+00	4.1E-01	7.0E+00	7.0E+00	1.2E+00
Ethylbenzene	7.0E+01	1.6E+01	7.0E+01	7.0E+01	1.6E+01
Isopropylbenzene	2.2E+01	6.5E+00	2.2E+01	2.2E+01	3.3E+01
Tetrachloroethene	5.0E-01	4.5E-02	5.0E-01	5.0E-01	4.5E-02
Toluene	1.0E+02	1.4E+01	1.0E+02	1.0E+02	7.2E+01
Trichloroethene	5.0E-01	3.6E-02	5.0E-01	5.0E-01	3.7E-02
Vinyl chloride (lifetime)	2.0E-01	1.4E-02	2.0E-01	2.0E-01	2.2E-02
Xylenes, mixture	1.0E+03	2.0E+02	1.0E+03	1.0E+03	2.0E+02
SVOCS					
1,2,4-Trichlorobenzene	1.1E+01	4.1E+00	1.1E+01	1.1E+01	4.1E+00
1,2-Dichlorobenzene	6.0E+01	1.2E+01	6.0E+01	6.0E+01	1.2E+01
1,4-Dichlorobenzene	7.5E+00	1.4E+00	7.5E+00	7.5E+00	1.4E+00
Metals					
Barium	1.0E+03	2.6E+03	1.0E+03	1.0E+03	1.7E+04
Chromium, Total	1.0E+02	1.8E+01	1.1E+02	1.2E+03	3.8E+01
Lead	7.5E+01	2.7E+02	4.0E+02	4.0E+02	2.7E+02
Pesticides					
4,4-DDD	6.6E-01	1.7E+01	6.6E-01	6.6E-01	5.6E+01
4,4-DDE	6.6E-01	1.2E+01	6.6E-01	6.6E-01	4.0E+01
4,4-DDT	6.6E-01	1.7E+01	6.6E-01	6.6E-01	5.7E+01
Aldrin	6.6E-01	1.6E-01	6.6E-01	6.6E-01	5.5E-01
Alpha-BHC	6.6E-01	1.6E-02	6.6E-01	6.6E-01	5.3E-02
Chlordane	9.2E+00	3.3E+00	9.2E+00	9.2E+00	1.1E+01
Beta-BHC	6.6E-01	5.5E-02	6.6E-01	6.6E-01	1.8E-01
Delta-BHC	8.3E+00	5.5E-02	2.5E+01	2.5E+01	1.8E-01
Dieldrin	6.6E-01	8.1E-02	6.6E-01	6.6E-01	1.4E-01
Endrin	1.0E+01	3.8E+00	1.0E+01	1.0E+01	2.5E+01
Endrin Ketone	1.0E+01	8.1E-02	1.0E+01	1.0E+01	8.1E-02
Gamma-BHC (Lindane)	6.6E-01	9.0E-02	6.6E-01	6.6E-01	3.0E-01
Heptachlor	6.6E-01	6.6E-01	6.6E-01	6.6E-01	1.1E+00
Heptachlor Epoxide	1.6E+00	8.2E-02	1.7E+00	1.7E+00	1.3E-01
Methoxychlor	1.0E+01	8.4E+01	1.0E+01	1.0E+01	5.5E+02
Toxaphene	1.1E+01	8.3E+00	1.1E+01	1.1E+01	9.3E+00

UPDATED/DATE: MKB 1/18/2012
CHECKED/DATE:LMS 1/18/2012

Table B-2
Toxicity Values

PARAMETER	Chronic Reference Dose: Oral (RfDo) (mg/kg/day)	Chronic Reference Dose: Inhalation (RfDi) (mg/kg/day)	Cancer Slope Factor: Oral (SFo) (mg/kg/day)-1	Cancer Slope Factor: Inhalation (SFi) (mg/kg/day)-1	Weight of Evidence	Source for Chronic RfDs and SFs
Volatile Organic Compounds (VOCs)						
1,1,2-Trichloroethane	4.0E-03	ND	5.7E-02	5.6E-02	C	IRIS
1,1-Dichloroethane	2.0E-01	ND	5.7E-03	5.6E-03	C	PPRTV, CALEPA
1,1-Dichloroethene	5.0E-02	5.7E-02	ND	ND	C	IRIS
Chlorobenzene	2.0E-02	1.4E-02	ND	ND	D	IRIS, PPRTV
Cis-1,2-Dichloroethene	2.0E-03	ND	ND	ND	NA	IRIS
Ethylbenzene	1.0E-01	2.9E-01	1.1E-02	8.8E-03	D	CALEPA, IRIS
Isopropylbenzene	1.0E-01	1.1E-01	ND	ND	D	ND
Tetrachloroethene	1.0E-02	7.7E-02	5.4E-01	2.1E-02	NA	IRIS, Cal EPA, ATSDR
Toluene	8.0E-02	1.4E+00	ND	ND	D	IRIS
Trichloroethene	5.0E-04	5.7E-04	5.0E-02	1.4E-02	A	IRIS
Vinyl chloride (lifetime as adult)	3.0E-03	2.9E-02	7.2E-01	1.5E-02	A	IRIS
Xylenes, mixture	2.0E-01	2.9E-02	ND	ND	NA	IRIS
Semi-volatile Organic Compounds						
1,2,4-Trichlorobenzene	1.0E-02	5.7E-04	2.9E-02	ND	D	IRIS,PPRTV
1,2-Dichlorobenzene	9.0E-02	5.7E-02	ND	ND	D	IRIS, HEAST
1,4-Dichlorobenzene	7.0E-02	2.3E-01	5.4E-03	3.9E-02	NA	CALEPA,ATSDR, IRIS
Metals						
Barium	2.0E-01	1.4E-04	ND	ND	D	IRIS
Chromium, Total	3.0E-03	2.9E-05	5.0E-01	2.9E+02	A/D	IRIS, NEW JERSEY
Lead	ND	ND	ND	ND	B2	NCEA
Pesticides						
4,4-DDD	ND	ND	2.4E-01	2.4E-01	B2	IRIS, CALEPA
4,4-DDE	ND	ND	3.4E-01	3.4E-01	B2	IRIS, CALEPA
4,4-DDT	5.0E-04	ND	3.4E-01	3.4E-01	B2	IRIS
Aldrin	3.0E-05	ND	1.7E+01	1.7E+01	B2	IRIS
Alpha-BHC	8.0E-03	ND	6.3E+00	6.3E+00	B2	IRIS
Chlordane	5.0E-04	2.0E-04	3.5E-01	3.5E-01	B2	IRIS
Beta-BHC	ND	ND	1.8E+00	1.9E+00	C	IRIS
Delta-BHC	ND	ND	1.8E+00	1.8E+00	D	IRIS
Dieldrin	5.0E-05	ND	1.6E+01	1.6E+01	B2	IRIS
Endrin	3.0E-04	ND	ND	ND	D	IRIS
Endrin Ketone	ND	ND	ND	ND	NA	IRIS
Gamma-BHC (Lindane)	3.0E-04	ND	1.1E+00	1.1E+00	NA	IRIS
Heptachlor	5.0E-04	ND	4.5E+00	4.6E+00	B2	IRIS
Heptachlor Epoxide	1.3E-05	ND	9.1E+00	9.1E+00	B2	IRIS
Methoxychlor	5.0E-03	ND	ND	ND	D	IRIS
Toxaphene	ND	ND	1.1E+00	1.1E+00	B2	IRIS

SOURCES: EPA Regional Screening Level Table, November 2011.
IRIS Integrated Risk Information System
PPRTV Provisional Peer Reviewed Toxicity Values
CALEPA California Environmental Protection Agency
HEAST Health Exposure Assessment Summary Tables
ATSDR Agency for Toxic Substances and Disease Registry
NCEA National Center for Environmental Assessment
NJ New Jersey Department of Environmental Protection
ND No Data
NA Not Available

UPDATED/DATE: MKB 1/18/2012
CHECKED/DATE:LMS 1/18/2012

Table B-3
Type 1 through Type 4 Ground Water RRS, mg/L

Parameter	Chronic Reference Dose Oral (mg/kg/day)	Chronic Reference Dose Inhalation (mg/kg/day)	Cancer Slope Factor Oral (mg/kg/day)-1	Cancer Slope Factor Inhalation (mg/kg/day)-1	Source for Chronic Rfds and CSFs	Volatile? (a)	Type 1/ Type 3 (mg/L)		Type 2 Standard (mg/L) Adult Noncarcinogenic	Type 2 Standard (mg/L) Adult Carcinogenic	Type 2 Standard (mg/L) Child Noncarcinogenic	Type 2 Standard (mg/L) Child Carcinogenic	Type 2 Overall	Overall Residential	Type 4 (mg/L) Industrial Worker Noncarcinogenic	Type 4 (mg/L) Industrial Worker Carcinogenic	Type 4 Overall IW	Overall Nonresidential IW
Volatile Organic Compounds (VOCs)																		
1,1,2-Trichloroethane	4.0E-03	ND	5.7E-02	5.6E-02	IRIS	v	5.0E-03		1.5E-01	2.5E-03	6.3E-02	3.8E-03	2.5E-03	5.0E-03	4.1E-01	4.6E-03	4.6E-03	5.0E-03
1,1-Dichloroethane	2.0E-01	ND	5.7E-03	5.6E-03	PPRTV, CALEPA	v	4.0E+00		7.3E+00	2.5E-02	3.1E+00	3.8E-02	2.5E-02	4.0E+00	2.0E+01	4.6E-02	4.6E-02	4.0E+00
1,1-Dichloroethene	5.0E-02	5.7E-02	ND	ND	IRIS	v	7.0E-03		3.4E-01	ND	1.0E-01	ND	1.0E-01	1.0E-01	5.2E-01	ND	5.2E-01	5.2E-01
Chlorobenzene	2.0E-02	1.4E-02	ND	ND	IRIS, PPRTV	v	1.0E-01		9.0E-02	ND	2.7E-02	ND	2.7E-02	1.0E-01	1.3E-01	ND	1.3E-01	1.3E-01
Cis-1,2-Dichloroethene	2.0E-03	ND	ND	ND	IRIS	v	7.0E-02		7.3E-02	ND	3.1E-02	ND	3.1E-02	7.0E-02	2.0E-01	ND	2.0E-01	2.0E-01
Ethylbenzene	1.0E-01	2.9E-01	1.1E-02	8.8E-03	CALEPA, IRIS	v	7.0E-01		1.3E+00	1.5E-02	4.4E-01	2.4E-02	1.5E-02	7.0E-01	2.3E+00	2.9E-02	2.9E-02	7.0E-01
Isopropylbenzene	1.0E-01	1.1E-01	ND	ND	ND	v	1.0E-03	DL	6.6E-01	ND	2.0E-01	ND	2.0E-01	2.0E-01	1.0E+00	ND	1.0E+00	1.0E+00
Tetrachloroethene	1.0E-02	7.7E-02	5.4E-01	2.1E-02	IRIS, Cal EPA, ATSDR	v	5.0E-03		2.2E-01	1.3E-03	7.9E-02	2.6E-03	1.3E-03	5.0E-03	4.4E-01	3.8E-03	3.8E-03	5.0E-03
Toluene	8.0E-02	1.4E+00	ND	ND	IRIS	v	1.0E+00		2.3E+00	ND	8.8E-01	ND	8.8E-01	1.0E+00	5.2E+00	ND	5.2E+00	5.2E+00
Trichloroethene	5.0E-04	5.7E-04	5.0E-02	1.4E-02	IRIS	v	5.0E-03		3.4E-03	7.1E-03	1.0E-03	1.2E-02	1.0E-03	5.0E-03	5.2E-03	1.5E-02	5.2E-03	5.2E-03
Vinyl chloride (lifetime as adult)	3.0E-03	2.9E-02	7.2E-01	1.5E-02	IRIS	v	2.0E-03		7.2E-02	1.1E-03	2.6E-02	2.2E-03	1.1E-03	2.0E-03	1.5E-01	3.3E-03	3.3E-03	3.3E-03
Xylenes, mixture	2.0E-01	2.9E-02	ND	ND	IRIS	v	1.0E+01		2.1E-01	ND	5.9E-02	ND	5.9E-02	1.0E+01	2.9E-01	ND	2.9E-01	1.0E+01
Semi-volatile Organic Compounds																		
1,2,4-Trichlorobenzene	1.0E-02	5.7E-04	2.9E-02	ND	IRIS,PPRTV	v	7.0E-02		4.1E-03	2.9E-02	1.2E-03	6.3E-02	1.2E-03	7.0E-02	5.8E-03	9.9E-02	5.8E-03	7.0E-02
1,2-Dichlorobenzene	9.0E-02	5.7E-02	ND	ND	IRIS, HEAST	v	6.0E-01		3.7E-01	ND	1.1E-01	ND	1.1E-01	6.0E-01	5.5E-01	ND	5.5E-01	6.0E-01
1,4-Dichlorobenzene	7.0E-02	2.3E-01	5.4E-03	3.9E-02	CALEPA,ATSDR, IRIS	v	7.5E-02		1.0E+00	4.2E-03	3.3E-01	6.1E-03	4.2E-03	7.5E-02	1.8E+00	7.2E-03	7.2E-03	7.5E-02
Metals																		
Barium	2.0E-01	(a)	ND	ND	IRIS		2.0E+00		7.3E+00	ND	3.1E+00	ND	3.1E+00	3.1E+00	2.0E+01	ND	2.0E+01	2.0E+01
Chromium, Total	3.0E-03	(a)	5.0E-01	(a)	IRIS, NEW JERSEY		1.0E-01		1.1E-01	1.7E-03	4.7E-02	3.7E-03	1.7E-03	1.0E-01	3.1E-01	5.7E-03	5.7E-03	1.0E-01
Lead	ND	ND	ND	ND	NCEA		1.5E-02		ND	ND	ND	ND	ND	1.5E-02	ND	ND	1.5E-02	1.5E-02
Pesticides																		
4,4-DDD	ND	ND	2.4E-01	(a)	IRIS, CALEPA		1.0E-04		ND	3.5E-03	ND	7.6E-03	3.5E-03	3.5E-03	ND	1.2E-02	1.2E-02	1.2E-02
4,4-DDE	ND	ND	3.4E-01	(a)	IRIS, CALEPA		1.0E-04		ND	2.5E-03	ND	5.4E-03	2.5E-03	2.5E-03	ND	8.4E-03	8.4E-03	8.4E-03
4,4-DDT	5.0E-04	ND	3.4E-01	(a)	IRIS		1.0E-04		1.8E-02	2.5E-03	7.8E-03	5.4E-03	2.5E-03	2.5E-03	5.1E-02	8.4E-03	8.4E-03	8.4E-03
Aldrin	3.0E-05	ND	1.7E+01	(a)	IRIS		5.0E-05		1.1E-03	5.0E-05	4.7E-04	1.1E-04	5.0E-05	5.0E-05	3.1E-03	1.7E-04	1.7E-04	1.7E-04
Alpha-BHC	8.0E-03	ND	6.3E+00	(a)	IRIS		5.0E-05		2.9E-01	1.4E-04	1.3E-01	2.9E-04	1.4E-04	1.4E-04	8.2E-01	4.5E-04	4.5E-04	4.5E-04
Chlordane	5.0E-04	(a)	3.5E-01	(a)	IRIS		2.0E-03		1.8E-02	2.4E-03	7.8E-03	5.2E-03	2.4E-03	2.4E-03	5.1E-02	8.2E-03	8.2E-03	8.2E-03
Beta-BHC	ND	ND	1.8E+00	(a)	IRIS		5.0E-05		ND	4.7E-04	ND	1.0E-03	4.7E-04	4.7E-04	ND	1.6E-03	1.6E-03	1.6E-03
Delta-BHC	ND	ND	1.8E+00	(a)	IRIS		5.0E-05		ND	4.7E-04	ND	1.0E-03	4.7E-04	4.7E-04	ND	1.6E-03	1.6E-03	1.6E-03
Dieldrin	5.0E-05	ND	1.6E+01	(a)	IRIS		1.0E-04		1.8E-03	5.3E-05	7.8E-04	1.1E-04	5.3E-05	1.0E-04	5.1E-03	1.8E-04	1.8E-04	1.8E-04
Endrin	3.0E-04	ND	ND	ND	IRIS		2.0E-03		1.1E-02	ND	4.7E-03	ND	4.7E-03	4.7E-03	3.1E-02	ND	3.1E-02	3.1E-02
Endrin Ketone	ND	ND	ND	ND	IRIS		1.0E-04	DL	ND	ND	ND	ND	ND	1.0E-04	ND	ND	ND	1.0E-04
Gamma-BHC (Lindane)	3.0E-04	ND	1.1E+00	(a)	IRIS		2.0E-04		1.1E-02	7.7E-04	4.7E-03	1.7E-03	7.7E-04	7.7E-04	3.1E-02	2.6E-03	2.6E-03	2.6E-03
Heptachlor	5.0E-04	ND	4.5E+00	(a)	IRIS		4.0E-04		1.8E-02	1.9E-04	7.8E-03	4.1E-04	1.9E-04	4.0E-04	5.1E-02	6.4E-04	6.4E-04	6.4E-04
Heptachlor Epoxide	1.3E-05	ND	9.1E+00	(a)	IRIS		2.0E-04		4.7E-04	9.4E-05	2.0E-04	2.0E-04	9.4E-05	2.0E-04	1.3E-03	3.1E-04	3.1E-04	3.1E-04
Methoxychlor	5.0E-03	ND	ND	ND	IRIS		4.0E-02		1.8E-01	ND	7.8E-02	ND	7.8E-02	7.8E-02	5.1E-01	ND	5.1E-01	5.1E-01
Toxaphene	ND	ND	1.1E+00	(a)	IRIS		3.0E-03		ND	7.7E-04	ND	1.7E-03	7.7E-04	3.0E-03	ND	2.6E-03	2.6E-03	3.0E-03

IRIS Integrated Risk Information System
HEAST - Health Effects Assessment Summary Table FY1997, USEPA.
NCEA - National Center for Exposure Assessment, USEPA.
PPRTV - Provisional Peer Reviewed Toxicity Values, USEPA.
Cal EPA - California Environmental Protection Agency
ND Toxicity values not available
DL Detection limit
(a) Compound is not volatile in water.

Equation 2 (Noncarcinogens):

$$C = \frac{THI \times BW \times AT \times 365 days/year}{EF \times ED \times [(1/RfDi \times K \times IRa) + (1/RfDo \times IRw)]}$$

Equation 1 (Carcinogens):

$$C = \frac{TR \times BW \times AT \times 365 days/year}{EF \times ED \times [(SFi \times K \times IRa) + (SFo \times IRw)]}$$

Where:

	Type 2 Adult	Type 2 Parameters Child	Type 4 Industrial Worker Parameters
THI = Target Hazard Index =	1	1	1
BW = Body Weight =	70 kg	15 kg	70 kg
AT = Averaging Time =	30 years (noncarc.); 70 (carc	6 years (noncarc.); 70 (carcinogens)	25 years for noncarcinogens; 70 years for carc.
EF = Exposure Frequency =	350 days/year	350 days/year	250 day/year
ED = Exposure Duration =	30 years	6 years	25 year
RfDi = Inhalation Reference Dose =	Chemical Specific	Chemical Specific	Chemical Specific
K = Volatilization Factor = 0.0005 x 1000 L/m3 =	0.5 L/m3	0.5 L/m3	0.5 L/m3
IRa = Inhalation Rate for Air =	20 m3/day	15 m3/day	20 m3/day
RfDo = Oral Reference Dose =	Chemical Specific	Chemical Specific	Chemical Specific
IRw = Ingestion Rate for Water =	2 L/day	1 L/day	1 L/day
TR = Target Risk =	0.00001	0.00001	0.00001
SFo = Oral Cancer Slope Factor =	Chemical Specific	Chemical Specific	Chemical Specific
SFi = Inhalation Cancer Slope Factor =	Chemical Specific	Chemical Specific	Chemical Specific

UPDATED/DATE: MKB 1/18/2012
CHECKED/DATE:LMS 1/18/2012

Table B-4
Type 1 and Type 3 Soil RRS, mg/kg

PARAMETER	Volatilization Factor (m^3/kg)	HSRA Type I Soil Criteria (mg/kg) (a)	HSRA Appendix I Value (mg/kg) (b)	Type I Groundwater RRS (mg/L) (c)		Type 1 GW RRS x 100 (mg/kg)	Number 1 (mg/kg) (d)	Risk-Based Residential Type 1 Noncarcinogenic (mg/kg) (e)	Risk-Based Residential Type 1 Carcinogenic (mg/kg) (f)	Risk-Based Soil Type 1 RRS (mg/kg) (g)	Overall Type 1 RRS (mg/kg) (h)	Risk-Based Nonresidential Type 3 Noncarcinogenic (mg/kg) (e)	Risk-Based Nonresidential Type 3 Carcinogenic (mg/kg) (f)	Risk-Based Soil Type 3 RRS (mg/kg) (g)	Subsurface Soil Type 3 RRS (mg/kg) (i)	Surface Soil Type 3 RRS (mg/kg) (j)
Volatile Organic Compounds (VOCs)																
1,1,2-Trichloroethane	8.8E+03	ND	5.0E-01	5.0E-03		5.0E-01	5.0E-01	2.6E+03	1.7E+02	1.7E+02	5.0E-01	8.2E+03	2.2E+02	2.2E+02	5.0E-01	5.0E-01
1,1-Dichloroethane	2.1E+03	ND	3.0E-02	4.0E+00		4.0E+02	4.0E+02	1.3E+05	4.2E+02	4.2E+02	4.0E+02	4.1E+05	5.4E+02	5.4E+02	4.0E+02	4.0E+02
1,1-Dichloroethene	8.7E+02	ND	3.6E-01	7.0E-03		7.0E-01	7.0E-01	2.4E+02	ND	2.4E+02	7.0E-01	2.5E+02	ND	2.5E+02	7.0E-01	7.0E-01
Chlorobenzene	8.6E+03	ND	4.2E+00	1.0E-01		1.0E+01	1.0E+01	5.6E+02	ND	5.6E+02	1.0E+01	6.1E+02	ND	6.1E+02	1.0E+01	1.0E+01
cis-1,2-Dichloroethene	2.7E+03	ND	5.3E-01	7.0E-02		7.0E+00	7.0E+00	1.3E+03	ND	1.3E+03	7.0E+00	4.1E+03	ND	4.1E+03	7.0E+00	7.0E+00
Ethylbenzene	7.6E+03	ND	2.0E+01	7.0E-01		7.0E+01	7.0E+01	9.2E+03	9.2E+01	9.2E+01	7.0E+01	1.1E+04	1.2E+02	1.2E+02	7.0E+01	7.0E+01
Isopropylbenzene	8.4E+03	ND	2.2E+01	1.0E-03	RL	1.0E-01	2.2E+01	4.2E+03	ND	4.2E+03	2.2E+01	4.6E+03	ND	4.6E+03	2.2E+01	2.2E+01
Tetrachloroethene	2.7E+03	ND	1.8E-01	5.0E-03		5.0E-01	5.0E-01	8.6E+02	9.4E+00	9.4E+00	5.0E-01	9.9E+02	1.5E+01	1.5E+01	5.0E-01	5.0E-01
Toluene	5.6E+03	ND	1.4E+01	1.0E+00		1.0E+02	1.0E+02	2.2E+04	ND	2.2E+04	1.0E+02	3.2E+04	ND	3.2E+04	1.0E+02	1.0E+02
Trichloroethene	2.5E+03	ND	1.3E-01	5.0E-03		5.0E-01	5.0E-01	6.7E+00	1.9E+01	6.7E+00	5.0E-01	7.1E+00	2.5E+01	7.1E+00	5.0E-01	5.0E-01
Vinyl chloride (lifetime as adult)	5.8E+02	ND	4.0E-02	2.0E-03		2.0E-01	2.0E-01	7.9E+01	3.6E+00	3.6E+00	2.0E-01	8.5E+01	5.1E+00	5.1E+00	2.0E-01	2.0E-01
Xylenes, mixture	7.9E+03	ND	2.0E+01	1.0E+01		1.0E+03	1.0E+03	1.1E+03	ND	1.1E+03	1.0E+03	1.2E+03	ND	1.2E+03	1.0E+03	1.0E+03
SVOCS																
1,2,4-Trichlorobenzene	4.1E+04	ND	1.1E+01	7.0E-02		7.0E+00	1.1E+01	1.1E+02	5.2E+02	1.1E+02	1.1E+01	1.2E+02	2.0E+03	1.2E+02	1.1E+01	1.1E+01
1,2-Dichlorobenzene	1.6E+04	ND	2.5E+01	6.0E-01		6.0E+01	6.0E+01	4.1E+03	ND	4.1E+03	6.0E+01	4.5E+03	ND	4.5E+03	6.0E+01	6.0E+01
1,4-Dichlorobenzene	1.4E+04	ND	6.8E+00	7.5E-02		7.5E+00	7.5E+00	1.2E+04	4.1E+01	4.1E+01	7.5E+00	1.5E+04	5.2E+01	5.2E+01	7.5E+00	7.5E+00
Metals																
Barium	NA	1.0E+03	5.0E+02	2.0E+00		2.0E+02	5.0E+02	1.2E+05	ND	1.2E+05	1.0E+03	3.6E+05	ND	3.6E+05	1.0E+03	1.0E+03
Chromium, Total	NA	1.0E+02	1.2E+03	1.0E-01		1.0E+01	1.2E+03	1.9E+03	2.9E+01	2.9E+01	1.0E+02	6.1E+03	1.1E+02	1.1E+02	1.2E+03	1.1E+02
Lead	NA	7.5E+01	4.0E+02	1.5E-02		1.5E+00	4.0E+02	ND	ND	ND	7.5E+01	ND	ND	4.0E+02	4.0E+02	4.0E+02
Pesticides																
4,4-DDD	NA	ND	6.6E-01	1.0E-04		1.0E-02	6.6E-01	ND	6.2E+01	6.2E+01	6.6E-01	ND	2.4E+02	2.4E+02	6.6E-01	6.6E-01
4,4-DDE	NA	ND	6.6E-01	1.0E-04		1.0E-02	6.6E-01	ND	4.4E+01	4.4E+01	6.6E-01	ND	1.7E+02	1.7E+02	6.6E-01	6.6E-01
4,4-DDT	NA	ND	6.6E-01	1.0E-04		1.0E-02	6.6E-01	3.2E+02	4.4E+01	4.4E+01	6.6E-01	1.0E+03	1.7E+02	1.7E+02	6.6E-01	6.6E-01
Aldrin	NA	ND	6.6E-01	5.0E-05	RL	5.0E-03	6.6E-01	1.9E+01	8.8E-01	8.8E-01	6.6E-01	6.1E+01	3.4E+00	3.4E+00	6.6E-01	6.6E-01
Alpha-BHC	NA	ND	6.6E-01	5.0E-05	RL	5.0E-03	6.6E-01	5.1E+03	2.4E+00	2.4E+00	6.6E-01	1.6E+04	9.1E+00	9.1E+00	6.6E-01	6.6E-01
Chlordane	NA	ND	9.2E+00	2.0E-03		2.0E-01	9.2E+00	3.2E+02	4.3E+01	4.3E+01	9.2E+00	1.0E+03	1.6E+02	1.6E+02	9.2E+00	9.2E+00
Beta-BHC	NA	ND	6.6E-01	5.0E-05	RL	5.0E-03	6.6E-01	ND	8.3E+01	8.3E+01	6.6E-01	ND	3.2E+02	3.2E+02	6.6E-01	6.6E-01
Delta-BHC	NA	ND	2.5E+01	5.0E-05	RL	5.0E-03	2.5E+01	ND	8.3E+00	8.3E+00	8.3E+00	ND	3.2E+01	3.2E+01	2.5E+01	2.5E+01
Dieldrin	NA	ND	6.6E-01	1.0E-04	RL	1.0E-02	6.6E-01	3.2E+01	9.3E-01	9.3E-01	6.6E-01	1.0E+02	3.6E+00	3.6E+00	6.6E-01	6.6E-01
Endrin	NA	ND	1.0E+01	2.0E-03		2.0E-01	1.0E+01	1.9E+02	ND	1.9E+02	1.0E+01	6.1E+02	ND	6.1E+02	1.0E+01	1.0E+01
Endrin Ketone	NA	ND	1.0E+01	1.0E-04	RL	1.0E-02	1.0E+01	ND	ND	ND	1.0E+01	ND	ND	ND	1.0E+01	1.0E+01
Gamma-BHC (Lindane)	NA	ND	6.6E-01	2.0E-04		2.0E-02	6.6E-01	1.9E+02	1.4E+01	1.4E+01	6.6E-01	6.1E+02	5.2E+01	5.2E+01	6.6E-01	6.6E-01
Heptachlor	NA	ND	6.6E-01	4.0E-04		4.0E-02	6.6E-01	3.2E+02	3.3E+00	3.3E+00	6.6E-01	1.0E+03	1.3E+01	1.3E+01	6.6E-01	6.6E-01
Heptachlor Epoxide	NA	ND	1.7E+00	2.0E-04		2.0E-02	1.7E+00	8.3E+00	1.6E+00	1.6E+00	1.6E+00	2.7E+01	6.3E+00	6.3E+00	1.7E+00	1.7E+00
Methoxychlor	NA	ND	1.0E+01	4.0E-02		4.0E+00	1.0E+01	3.2E+03	ND	3.2E+03	1.0E+01	1.0E+04	ND	1.0E+04	1.0E+01	1.0E+01
Toxaphene	NA	ND	1.1E+01	3.0E-03		3.0E-01	1.1E+01	ND	1.4E+01	1.4E+01	1.1E+01	ND	5.2E+01	5.2E+01	1.1E+01	1.1E+01

Notes:

(a) Table 2, Appendix III of HSRA regulations
(b) Appendix I of HSRA regulations. Value is the soil concentration that triggers notification requirements.
(c) Table 1, Appendix III of HSRA regulations. For those substances not listed, reporting limit used as the Type I groundwater RRS.
(d) Value is the highest of the Appendix I value and the groundwater RRS x 100.

(e) $$\frac{THI \times BW \times ATn \times 365 days/year}{EF \times ED \times [(1/RfDi \times (1/VF + 1/PEF) \times InhR) + (1/RfDo \times Irs \times CF)]}$$

(f) $$\frac{TR \times BW \times ATc \times 365 days/year}{EF \times ED \times [(SFi \times (1/VF + 1/PEF) \times InhR) + (SFo \times Irs \times CF)]}$$

(g) Minimum of noncarcinogenic and carcinogenic concentrations.
(h) Minimum concentration of Number 1 and Type 1 RRS.
(i) Maximum concentration of Number 1 and HSRA Type 1 Soil Criteria.
(j) Minimum concentration of the risk-based soil Type 3 RRS and the subsurface soil Type 3 RRS.
RL Reporting Limit
RRS Risk Reduction Standard
GW Groundwater
ND Not Determined - Can not be calculated

Exposure Parameters	Residential Type 1	Nonresidential Type 3	Unit
Total Hazard Index (THI)	1	1	unitless
Target Risk (TR)	1.E-05	1.E-05	unitless
Target Risk (TR) WOE - C	1.E-04	1.E-04	
Body Weight (BW)	70	70	kg
Averaging Time, Carcinogen (ATc)	70	70	yrs
Averaging Time, Noncarcinogen (ATn)	30	25	yrs
Exposure Duration (ED)	30	25	yrs
Exposure Frequency (EF)	350	250	days/yr
Soil Ingestion Rate (IRs)	114	50	mg/day
Air Inhalation Rate (InhR)	15	20	m^3/day
Particulate Emission Factor (PEF)	4.63E+09	4.63E+09	m^3/kg
Conversion Factor (CF)	1.E-06	1.E-06	kg/mg
Volatilization Factor (VF)	Chemical-specific	hemical-specific	m^3/kg

UPDATED/DATE: MKB 1/18/2012
CHECKED/DATE:LMS 1/18/2012

Table B-5
Soil to Ground water Leachability

	K_d (L/kg) (1)	K_{oc} (L/kg) (2)	Source	$Ø_w$	Øa	H' (unitless)	$Øw+Øa*H'/ρ_b$	Groundwater Type 1/3 RRS (C_w, mg/L)	C_w*20	Pathway Type 1/3 C_s (mg/kg)	Groundwater Type 2 RRS (C_w, mg/L)	C_w*20	Pathway Type 2 C_s (mg/kg)	Residential Soil Leaching Criteria (3)	Industrial Worker Groundwater Type 4 RRS (C_w, mg/L)	C_w*20	Pathway Type 4 C_s (mg/kg)	Industrial Worker Soil Leaching Criteria (4)
Volatile Organic Compounds (VOCs)																		
1,1,2-Trichloroethane	1.2E-01	6.1E+01	RSL	3.0E-01	1.3E-01	3.4E-02	2.0E-01	5.0E-03	1.0E-01	3.2E-02	2.5E-03	5.1E-02	1.6E-02	3.2E-02	4.6E-03	9.3E-02	3.0E-02	3.2E-02
1,1-Dichloroethane	6.4E-02	3.2E+01	RSL	3.0E-01	1.3E-01	2.3E-01	2.2E-01	4.0E+00	8.0E+01	2.3E+01	2.5E-02	5.1E-01	1.4E-01	2.3E+01	4.6E-02	9.3E-01	2.6E-01	2.3E+01
1,1-Dichloroethene	6.4E-02	3.2E+01	RSL	3.0E-01	1.3E-01	1.1E+00	3.0E-01	7.0E-03	1.4E-01	5.0E-02	1.0E-01	2.1E+00	7.4E-01	7.4E-01	5.2E-01	1.0E+01	3.8E+00	3.8E+00
Chlorobenzene	4.7E-01	2.3E+02	RSL	3.0E-01	1.3E-01	1.3E-01	2.1E-01	1.0E-01	2.0E+00	1.4E+00	2.7E-02	5.3E-01	3.6E-01	1.4E+00	1.3E-01	2.7E+00	1.8E+00	1.8E+00
Cis-1,2-Dichloroethene	7.9E-02	4.0E+01	RSL	3.0E-01	1.3E-01	1.7E-01	2.1E-01	7.0E-02	1.4E+00	4.1E-01	3.1E-02	6.3E-01	1.8E-01	4.1E-01	2.0E-01	4.1E+00	1.2E+00	1.2E+00
Ethylbenzene	8.9E-01	4.5E+02	RSL	3.0E-01	1.3E-01	3.2E-01	2.3E-01	7.0E-01	1.4E+01	1.6E+01	1.5E-02	3.1E-01	3.5E-01	1.6E+01	2.9E-02	5.8E-01	6.5E-01	1.6E+01
Isopropylbenzene	1.4E+00	7.0E+02	RSL	3.0E-01	1.3E-01	4.7E-01	2.4E-01	1.0E-03	2.0E-02	3.3E-02	2.0E-01	4.0E+00	6.5E+00	6.5E+00	1.0E+00	2.0E+01	3.3E+01	3.3E+01
Tetrachloroethene	1.9E-01	9.5E+01	RSL	3.0E-01	1.3E-01	7.2E-01	2.6E-01	5.0E-03	1.0E-01	4.5E-02	1.3E-03	2.6E-02	1.2E-02	4.5E-02	3.8E-03	7.6E-02	3.5E-02	4.5E-02
Toluene	4.7E-01	2.3E+02	RSL	3.0E-01	1.3E-01	2.7E-01	2.2E-01	1.0E+00	2.0E+01	1.4E+01	8.8E-01	1.8E+01	1.2E+01	1.4E+01	5.2E+00	1.0E+02	7.2E+01	7.2E+01
Trichloroethene	1.2E-01	6.1E+01	RSL	3.0E-01	1.3E-01	4.0E-01	2.3E-01	5.0E-03	1.0E-01	3.6E-02	1.0E-03	2.1E-02	7.3E-03	3.6E-02	5.2E-03	1.0E-01	3.7E-02	3.7E-02
Vinyl chloride (lifetime as adult)	4.3E-02	2.2E+01	RSL	3.0E-01	1.3E-01	1.1E+00	3.0E-01	2.0E-03	4.0E-02	1.4E-02	1.1E-03	2.1E-02	7.2E-03	1.4E-02	3.3E-03	6.5E-02	2.2E-02	2.2E-02
Xylenes, mixture	7.7E-01	3.8E+02	RSL	3.0E-01	1.3E-01	2.1E-01	2.2E-01	1.0E+01	2.0E+02	2.0E+02	5.9E-02	1.2E+00	1.2E+00	2.0E+02	2.9E-01	5.8E+00	5.7E+00	2.0E+02
Semi-volatile Organic Compounds																		
1,2,4-Trichlorobenzene	2.7E+00	1.4E+03	RSL	3.0E-01	1.3E-01	5.8E-02	2.1E-01	7.0E-02	1.4E+00	4.1E+00	1.2E-03	2.4E-02	6.9E-02	4.1E+00	5.8E-03	1.2E-01	3.4E-01	4.1E+00
1,2-Dichlorobenzene	7.7E-01	3.8E+02	RSL	3.0E-01	1.3E-01	7.8E-02	2.1E-01	6.0E-01	1.2E+01	1.2E+01	1.1E-01	2.2E+00	2.1E+00	1.2E+01	5.5E-01	1.1E+01	1.1E+01	1.2E+01
1,4-Dichlorobenzene	7.5E-01	3.8E+02	RSL	3.0E-01	1.3E-01	9.9E-02	2.1E-01	7.5E-02	1.5E+00	1.4E+00	4.2E-03	8.5E-02	8.2E-02	1.4E+00	7.2E-03	1.4E-01	1.4E-01	1.4E+00
Metals																		
Barium	4.1E+01		RSL	3.0E-01	1.3E-01	0.0E+00	2.0E-01	2.0E+00	4.0E+01	1.6E+03	3.1E+00	6.3E+01	2.6E+03	2.6E+03	2.0E+01	4.1E+02	1.7E+04	1.7E+04
Chromium, Total	1.9E+01		RSL	3.0E-01	1.3E-01	0.0E+00	2.0E-01	1.0E-01	2.0E+00	3.8E+01	1.7E-03	3.4E-02	6.5E-01	3.8E+01	5.7E-03	1.1E-01	2.2E+00	3.8E+01
Lead	9.0E+02		RSL	3.0E-01	1.3E-01	0.0E+00	2.0E-01	1.5E-02	3.0E-01	2.7E+02	ND	NA	NA	2.7E+02	1.5E-02	3.0E-01	2.7E+02	2.7E+02
Pesticides																		
4,4-DDD	2.4E+02	1.2E+05	RSL	3.0E-01	1.3E-01	2.7E-04	2.0E-01	1.0E-04	2.0E-03	4.7E-01	3.5E-03	7.1E-02	1.7E+01	1.7E+01	1.2E-02	2.4E-01	5.6E+01	5.6E+01
4,4-DDE	2.4E+02	1.2E+05	RSL	3.0E-01	1.3E-01	1.7E-03	2.0E-01	1.0E-04	2.0E-03	4.7E-01	2.5E-03	5.0E-02	1.2E+01	1.2E+01	8.4E-03	1.7E-01	4.0E+01	4.0E+01
4,4-DDT	3.4E+02	1.7E+05	RSL	3.0E-01	1.3E-01	3.4E-04	2.0E-01	1.0E-04	2.0E-03	6.7E-01	2.5E-03	5.0E-02	1.7E+01	1.7E+01	8.4E-03	1.7E-01	5.7E+01	5.7E+01
Aldrin	1.6E+02	8.2E+04	RSL	3.0E-01	1.3E-01	1.8E-03	2.0E-01	5.0E-05	1.0E-03	1.6E-01	5.0E-05	1.0E-03	1.6E-01	1.6E-01	1.7E-04	3.4E-03	5.5E-01	5.5E-01
Alpha-BHC	5.6E+00	2.8E+03	RSL	3.0E-01	1.3E-01	2.1E-04	2.0E-01	5.0E-05	1.0E-03	5.8E-03	1.4E-04	2.7E-03	1.6E-02	1.6E-02	4.5E-04	9.1E-03	5.3E-02	5.3E-02
Chlordane	6.8E+01	3.4E+04	RSL	3.0E-01	1.3E-01	2.0E-03	2.0E-01	2.0E-03	4.0E-02	2.7E+00	2.4E-03	4.9E-02	3.3E+00	3.3E+00	8.2E-03	1.6E-01	1.1E+01	1.1E+01
Beta-BHC	5.6E+00	2.8E+03	RSL	3.0E-01	1.3E-01	2.1E-04	2.0E-01	5.0E-05	1.0E-03	5.8E-03	4.7E-04	9.5E-03	5.5E-02	5.5E-02	1.6E-03	3.2E-02	1.8E-01	1.8E-01
Delta-BHC	5.6E+00	2.8E+03	RSL	3.0E-01	1.3E-01	2.1E-04	2.0E-01	5.0E-05	1.0E-03	5.8E-03	4.7E-04	9.5E-03	5.5E-02	5.5E-02	1.6E-03	3.2E-02	1.8E-01	1.8E-01
Dieldrin	4.0E+01	2.0E+04	RSL	3.0E-01	1.3E-01	4.1E-04	2.0E-01	1.0E-04	2.0E-03	8.1E-02	5.3E-05	1.1E-03	4.3E-02	8.1E-02	1.8E-04	3.6E-03	1.4E-01	1.4E-01
Endrin	4.0E+01	2.0E+04	RSL	3.0E-01	1.3E-01	4.1E-04	2.0E-01	2.0E-03	4.0E-02	1.6E+00	4.7E-03	9.4E-02	3.8E+00	3.8E+00	3.1E-02	6.1E-01	2.5E+01	2.5E+01
Endrin Ketone	4.0E+01	2.0E+04	RSL	3.0E-01	1.3E-01	4.1E-04	2.0E-01	1.0E-04	2.0E-03	8.1E-02	ND	ND	ND	8.1E-02	ND	ND	ND	8.1E-02
Gamma-BHC (Lindane)	5.6E+00	2.8E+03	RSL	3.0E-01	1.3E-01	2.1E-04	2.0E-01	2.0E-04	4.0E-03	2.3E-02	7.7E-04	1.5E-02	9.0E-02	9.0E-02	2.6E-03	5.2E-02	3.0E-01	3.0E-01
Heptachlor	8.3E+01	4.1E+04	RSL	3.0E-01	1.3E-01	1.2E-02	2.0E-01	4.0E-04	8.0E-03	6.6E-01	1.9E-04	3.8E-03	3.1E-01	6.6E-01	6.4E-04	1.3E-02	1.1E+00	1.1E+00
Heptachlor Epoxide	2.0E+01	1.0E+04	RSL	3.0E-01	1.3E-01	8.6E-04	2.0E-01	2.0E-04	4.0E-03	8.2E-02	9.4E-05	1.9E-03	3.8E-02	8.2E-02	3.1E-04	6.3E-03	1.3E-01	1.3E-01
Methoxychlor	5.4E+01	2.7E+04	RSL	3.0E-01	1.3E-01	8.3E-06	2.0E-01	4.0E-02	8.0E-01	4.3E+01	7.8E-02	1.6E+00	8.4E+01	8.4E+01	5.1E-01	1.0E+01	5.5E+02	5.5E+02
Toxaphene	1.5E+02	7.7E+04	RSL	3.0E-01	1.3E-01	2.5E-04	2.0E-01	3.0E-03	6.0E-02	9.3E+00	7.7E-04	1.5E-02	2.4E+00	9.3E+00	2.6E-03	5.2E-02	8.0E+00	9.3E+00

NA Not Available
ND No Data Available
RSL EPA Regional Screening Level
HSDB Toxnet Hazardous Substances Data Base
1. Kd values taken from USEPA Regional Screening Table User's Guide.
2. Koc values taken from the EPA RSL Chemical-specific Parameters Supporting Table November 2011 unless otherwise noted. $K_d = K_{oc} * f_{oc}$ where f_{oc} equals 0.002.
3. Residential leaching value is the higher of the values based on the Type 1 and Type 2 groundwater RRS.
4. Non-residential leaching value is the higher of the values based on Type 3 and Type 4 groundwater RRS.

$Ø_w$ Water-filled soil porosity = 0.3 (L/L)
$Ø_a$ Air-filled soil porosity = 0.13 (L/L)
H' Dimensionless Henry Law Constant (HLC x 41) (unitless)
$ρ_b$ Dry soil bulk density = 1.5 kg/L
RRS Risk Reduction Standard
C_w Target Leachate Concentration (mg/L)
C_s Screening Level in soil (mg/kg)

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Table B-6
Type 2 Soil RRS, mg/kg

PARAMETER	Volatilization Factor (m^3/kg)	Residential Leaching DAF=20 (mg/kg)	Risk-Based Residential Child Noncarcinogenic (mg/kg) (a)	Risk-Based Residential Child Carcinogenic (mg/kg) (b)	Risk-Based Residential Adult Noncarcinogenic (mg/kg) (a)	Risk-Based Residential Adult Carcinogenic (mg/kg) (b)	Risk-Based Soil Type 2 RRS (mg/kg) (c)	Overall Type 2 RRS DAF=20 (mg/kg) (d)
Volatile Organic Compounds (VOCs)								
1,1,2-Trichloroethane	8.8E+03	3.2E-02	3.1E+02	1.7E+01	2.9E+03	1.3E+01	1.3E+01	3.2E-02
1,1-Dichloroethane	2.1E+03	2.3E+01	1.6E+04	4.5E+01	1.5E+05	3.2E+01	3.2E+01	2.3E+01
1,1-Dichloroethene	8.7E+02	7.4E-01	5.1E+01	ND	1.8E+02	ND	5.1E+01	7.4E-01
Chlorobenzene	8.6E+03	1.4E+00	1.2E+02	ND	4.3E+02	ND	1.2E+02	1.4E+00
cis-1,2-Dichloroethene	2.7E+03	4.1E-01	1.6E+02	ND	1.5E+03	ND	1.6E+02	4.1E-01
Ethylbenzene	7.6E+03	1.6E+01	1.8E+03	9.4E+01	7.3E+03	7.1E+01	7.1E+01	1.6E+01
Isopropylbenzene	8.4E+03	6.5E+00	8.6E+02	ND	3.2E+03	ND	8.6E+02	6.5E+00
Tetrachloroethene	2.7E+03	4.5E-02	1.7E+02	8.0E+00	6.8E+02	8.0E+00	8.0E+00	4.5E-02
Toluene	5.6E+03	1.4E+01	3.6E+03	ND	1.9E+04	ND	3.6E+03	1.4E+01
Trichloroethene	2.5E+03	3.6E-02	1.4E+00	1.9E+01	5.0E+00	1.4E+01	1.4E+00	3.6E-02
Vinyl chloride (lifetime)	5.8E+02	1.4E-02	1.6E+01	3.4E+00	6.0E+01	2.8E+00	2.8E+00	1.4E-02
Xylenes, mixture	7.9E+03	2.0E+02	2.3E+02	ND	8.3E+02	ND	2.3E+02	2.0E+02
SVOCS								
1,2,4-Trichlorobenzene	4.1E+04	4.1E+00	2.4E+01	3.1E+02	8.5E+01	5.9E+02	2.4E+01	4.1E+00
1,2-Dichlorobenzene	1.6E+04	1.2E+01	8.3E+02	ND	3.1E+03	ND	8.3E+02	1.2E+01
1,4-Dichlorobenzene	1.4E+04	1.4E+00	2.1E+03	4.3E+01	9.7E+03	3.1E+01	3.1E+01	1.4E+00
Metals								
Barium	NA	2.6E+03	1.5E+04	ND	1.4E+05	ND	1.5E+04	2.6E+03
Chromium, Total	NA	3.8E+01	2.3E+02	1.8E+01	2.2E+03	3.3E+01	1.8E+01	1.8E+01
Lead	NA	2.7E+02	4.2E+02	ND	ND	ND	4.2E+02	2.7E+02
Pesticides								
4,4-DDD	NA	1.7E+01	ND	3.8E+01	ND	7.1E+01	3.8E+01	1.7E+01
4,4-DDE	NA	1.2E+01	ND	2.7E+01	ND	5.0E+01	2.7E+01	1.2E+01
4,4-DDT	NA	1.7E+01	3.9E+01	2.7E+01	3.7E+02	5.0E+01	2.7E+01	1.7E+01
Aldrin	NA	1.6E-01	2.3E+00	5.4E-01	2.2E+01	1.0E+00	5.4E-01	1.6E-01
Alpha-BHC	NA	1.6E-02	6.3E+02	1.4E+00	5.8E+03	2.7E+00	1.4E+00	1.6E-02
Chlordane	NA	3.3E+00	3.9E+01	2.6E+01	3.6E+02	4.9E+01	2.6E+01	3.3E+00
Beta-BHC	NA	5.5E-02	ND	5.1E+00	ND	9.5E+00	5.1E+00	5.5E-02
Delta-BHC	NA	5.5E-02	ND	5.1E+00	ND	9.5E+00	5.1E+00	5.5E-02
Dieldrin	NA	8.1E-02	3.9E+00	5.7E-01	3.7E+01	1.1E+00	5.7E-01	8.1E-02
Endrin	NA	3.8E+00	2.3E+01	ND	2.2E+02	ND	2.3E+01	3.8E+00
Endrin Ketone	NA	8.1E-02	ND	ND	ND	ND	ND	8.1E-02
Gamma-BHC (Lindane)	NA	9.0E-02	2.3E+01	8.3E+00	2.2E+02	1.5E+01	8.3E+00	9.0E-02
Heptachlor	NA	6.6E-01	3.9E+01	2.0E+00	3.7E+02	3.8E+00	2.0E+00	6.6E-01
Heptachlor Epoxide	NA	8.2E-02	1.0E+00	1.0E+00	9.5E+00	1.9E+00	1.0E+00	8.2E-02
Methoxychlor	NA	8.4E+01	3.9E+02	ND	3.7E+03	ND	3.9E+02	8.4E+01
Toxaphene	NA	9.3E+00	ND	8.3E+00	ND	1.5E+01	8.3E+00	8.3E+00

Notes:
RRS Risk Reduction Standard
ND Not Determined - Can not be calculated

(a) $$\frac{THI \times BW \times ATn \times 365days/year}{EF \times ED \times [(1/RfDi \times (1/VF + 1/PEF) \times InhR) + (1/RfDo \times Irs \times CF)]}$$

(b) $$\frac{TR \times BW \times ATc \times 365days/year}{EF \times ED \times [(SFi \times (1/VF + 1/PEF) \times InhR) + (SFo \times Irs \times CF)]}$$

(c) Minimum of noncarcinogenic and carcinogenic concentrations.
(d) Minimum concentration of Leaching Value and Risk-based Value.

Exposure Parameters	**Residential Child Type 2**	**Residential Adult Type 2**
Total Hazard Index (THI)	1	1
Target Risk (TR)	1.E-05	1.E-05
Body Weight (BW)	15	70
Averaging Time, Carcinogen (ATc)	70	70
Averaging Time, Noncarcinogen (ATn)	6	30
Exposure Duration (ED)	6	30
Exposure Frequency (EF)	350	350
Soil Ingestion Rate (IRs)	200	100
Air Inhalation Rate (InhR)	15	20
Particulate Emission Factor (PEF)	4.63E+09	4.63E+09
Conversion Factor (CF)	1.E-06	1.E-06
Volatilization Factor (VF)	Chemical-specific	Chemical-specific

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Table B-7
Type 4 Soil RRS, mg/kg
Default Industrial Worker

PARAMETER	Volatilization Factor (m^3/kg)	Nonresidential Leaching DAF=20 (mg/kg)	Risk-Based Industrial Worker Noncarcinogenic (mg/kg) (a)	Risk-Based Industrial Worker Carcinogenic (mg/kg) (b)	Risk-Based Soil IW Type 4 RRS (mg/kg) (c)	Overall IW Type 4 RRS DAF=20 (mg/kg) (d)
Volatile Organic Compounds (VOCs)						
1,1,2-Trichloroethane	8.8E+03	3.2E-02	8.2E+03	2.2E+01	2.2E+01	3.2E-02
1,1-Dichloroethane	2.1E+03	2.3E+01	4.1E+05	5.4E+01	5.4E+01	2.3E+01
1,1-Dichloroethene	8.7E+02	3.8E+00	2.5E+02	ND	2.5E+02	3.8E+00
Chlorobenzene	8.6E+03	1.8E+00	6.1E+02	ND	6.1E+02	1.8E+00
cis-1,2-Dichloroethene	2.7E+03	1.2E+00	4.1E+03	ND	4.1E+03	1.2E+00
Ethylbenzene	7.6E+03	1.6E+01	1.1E+04	1.2E+02	1.2E+02	1.6E+01
Isopropylbenzene	8.4E+03	3.3E+01	4.6E+03	ND	4.6E+03	3.3E+01
Tetrachloroethene	2.7E+03	4.5E-02	9.9E+02	1.5E+01	1.5E+01	4.5E-02
Toluene	5.6E+03	7.2E+01	3.2E+04	ND	3.2E+04	7.2E+01
Trichloroethene	2.5E+03	3.7E-02	7.1E+00	2.5E+01	7.1E+00	3.7E-02
Vinyl chloride (lifetime)	5.8E+02	2.2E-02	8.5E+01	5.1E+00	5.1E+00	2.2E-02
Xylenes, mixture	7.9E+03	2.0E+02	1.2E+03	ND	1.2E+03	2.0E+02
SVOCS						
1,2,4-Trichlorobenzene	4.1E+04	4.1E+00	1.2E+02	2.0E+03	1.2E+02	4.1E+00
1,2-Dichlorobenzene	1.6E+04	1.2E+01	4.5E+03	ND	4.5E+03	1.2E+01
1,4-Dichlorobenzene	1.4E+04	1.4E+00	1.5E+04	5.2E+01	5.2E+01	1.4E+00
Metals						
Barium	NA	1.7E+04	3.6E+05	ND	3.6E+05	1.7E+04
Chromium, Total	NA	3.8E+01	6.1E+03	1.1E+02	1.1E+02	3.8E+01
Lead	NA	2.7E+02	1.3E+03	ND	1.3E+03	2.7E+02
Pesticides						
4,4-DDD	NA	5.6E+01	ND	2.4E+02	2.4E+02	5.6E+01
4,4-DDE	NA	4.0E+01	ND	1.7E+02	1.7E+02	4.0E+01
4,4-DDT	NA	5.7E+01	1.0E+03	1.7E+02	1.7E+02	5.7E+01
Aldrin	NA	5.5E-01	6.1E+01	3.4E+00	3.4E+00	5.5E-01
Alpha-BHC	NA	5.3E-02	1.6E+04	9.1E+00	9.1E+00	5.3E-02
Chlordane	NA	1.1E+01	1.0E+03	1.6E+02	1.6E+02	1.1E+01
Beta-BHC	NA	1.8E-01	ND	3.2E+01	3.2E+01	1.8E-01
Delta-BHC	NA	1.8E-01	ND	3.2E+01	3.2E+01	1.8E-01
Dieldrin	NA	1.4E-01	1.0E+02	3.6E+00	3.6E+00	1.4E-01
Endrin	NA	2.5E+01	6.1E+02	ND	6.1E+02	2.5E+01
Endrin Ketone	NA	8.1E-02	ND	ND	ND	8.1E-02
Gamma-BHC (Lindane)	NA	3.0E-01	6.1E+02	5.2E+01	5.2E+01	3.0E-01
Heptachlor	NA	1.1E+00	1.0E+03	1.3E+01	1.3E+01	1.1E+00
Heptachlor Epoxide	NA	1.3E-01	2.7E+01	6.3E+00	6.3E+00	1.3E-01
Methoxychlor	NA	5.5E+02	1.0E+04	ND	1.0E+04	5.5E+02
Toxaphene	NA	9.3E+00	ND	5.2E+01	5.2E+01	9.3E+00

Notes:
RRS Risk Reduction Standard
ND Not Determined - Can not be calculated

(a) $$\frac{THI \times BW \times ATn \times 365days/year}{EF \times ED \times [(1/RfDi \times (1/VF + 1/PEF) \times InhR) + (1/RfDo \times Irs \times CF)]}$$

(b) $$\frac{TR \times BW \times ATc \times 365days/year}{EF \times ED \times [(SFi \times (1/VF + 1/PEF) \times InhR) + (SFo \times Irs \times CF)]}$$

(c) Minimum of noncarcinogenic and carcinogenic concentrations.
(d) Minimum concentration of Leaching Value and Risk-based Value.

Exposure Parameters	Industrial Worker Type 4	Unit
Total Hazard Index (THI)	1	unitless
Target Risk (TR)	1.E-05	unitless
Body Weight (BW)	70	kg
Averaging Time, Carcinogen (ATc)	70	yrs
Averaging Time, Noncarcinogen (ATn)	25	yrs
Exposure Duration (ED)	25	yrs
Exposure Frequency (EF)	250	days/yr
Soil Ingestion Rate (IRs)	50	mg/day
Air Inhalation Rate (InhR)	20	m3/day
Particulate Emission Factor (PEF)	4.63E+09	m3/kg
Conversion Factor (CF)	1.E-06	kg/mg
Volatilization Factor (VF)	Chemical-specific	m3/kg

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Table B-8
Derivation of VF Factors (Soil-to-Air Volatilization Factor)
Based on Regional Screening Level Chemical-specific Parameters Supporting Table November 2011

Analyte	CAS No.	MW	H' (unitless)	HLC (atm-m^3/mole)	Dia (cm^2/s)	Diw (cm^2/s)	Koc (L/kg)	Dei (cm^2/sec)	K_d (cm^3/g)	K_{as} (g/cm^3)	Y (cm^2/sec)	VF (m^3/kg)
Chlorobenzene	108-90-7	112.56	0.1271464	0.00311	0.0721306	9.4765E-06	233.9	5.08E-02	4.68E+00	2.73E-02	2.80E-04	8.59E+03
Cumene (Isopropylbenzene)	98-82-8	120.2	0.4701554	0.0115	0.0603044	7.8566E-06	697.8	4.25E-02	1.40E+01	3.38E-02	2.90E-04	8.44E+03
Dichlorobenzene, 1,2-	95-50-1	147	0.0784955	0.00192	0.0561703	8.9213E-06	382.9	3.96E-02	7.66E+00	1.03E-02	8.25E-05	1.59E+04
Dichlorobenzene, 1,4-	106-46-7	147	0.0985282	0.00241	0.0550429	8.6797E-06	375.3	3.88E-02	7.51E+00	1.32E-02	1.03E-04	1.42E+04
Dichloroethane, 1,1-	75-34-3	98.96	0.2297629	0.00562	0.0836446	0.0000106	31.82	5.89E-02	6.36E-01	3.62E-01	4.04E-03	2.12E+03
Dichloroethylene, 1,1-	75-35-4	96.94	1.0670482	0.0261	0.0863138	0.000011	31.82	6.08E-02	6.36E-01	1.68E+00	1.55E-02	8.66E+02
Dichloroethylene, 1,2-cis-	156-59-2	96.94	0.1668029	0.00408	0.0884088	0.0000113	39.6	6.23E-02	7.92E-01	2.11E-01	2.56E-03	2.74E+03
Ethylbenzene	100-41-4	106.17	0.3221586	0.00788	0.0684652	8.4558E-06	446.1	4.82E-02	8.92E+00	3.62E-02	3.52E-04	7.64E+03
Tetrachloroethylene	127-18-4	165.83	0.7236304	0.0177	0.0504664	9.4551E-06	94.94	0.035565136	1.8988	3.82E-01	2.56E-03	2.65E+03
Toluene	108-88-3	92.14	0.2714636	0.00664	0.0778053	9.2045E-06	233.9	0.054831651	4.6780	5.82E-02	6.41E-04	5.64E+03
Trichlorobenzene, 1,2,4-	120-82-1	181.45	0.058054	0.00142	0.0395992	8.4033E-06	1356	0.027906705	27.1200	2.15E-03	1.22E-05	4.14E+04
Trichloroethane, 1,1,2-	79-00-5	133.41	0.0336877	0.000824	0.0668904	0.00001	60.7	0.047139605	1.2140	2.78E-02	2.65E-04	8.83E+03
Trichloroethylene	79-01-6	131.39	0.4026983	0.00985	0.0686618	0.0000102	60.7	0.048387962	1.2140	3.33E-01	3.06E-03	2.45E+03
Vinyl Chloride	75-01-4	62.5	1.1365495	0.0278	0.1071189	0.000012	21.73	0.075489795	0.4346	2.62E+00	2.62E-02	5.82E+02
Xylenes	1330-20-7	106.17	0.2117743	0.00518	0.0847395	9.9011E-06	382.9	0.059718383	7.6580	2.77E-02	3.35E-04	7.86E+03

Equation is from USEPA, 1991b.

VF = Volatilization Factor (m^3/kg)

$$VF = (LS \times V \times DH) / (A) * \frac{(3.14 \times Y \times T)^{1/2}}{(2 \times Dei \times P \times Kas \times 0.001)}$$

$$Y = \frac{Dei \times P}{P + (p(1-P)/Kas)}$$

LS = Length of side of contaminated area =	45 m (default)
V = wind speed in mixing zone =	2.25 m/s (default)
DH = diffusion height =	2 m
A = area of contamination =	20,250,000 cm^2 (default)
T = exposure interval =	790000000 s = 25 yrs
Dei = effective diffusivity (cm^2/s) =	Chemical Specific
P = air filled soil porosity (unitless) =	0.35 (default)
Kas = soil/air partition coefficient (g soil/cm^3 air) =	Chemical Specific
Conversion factor =	0.001 kg/g
p = True soil density or particulate density =	2.65 g/cm^3 (default)

Table B-9
Calculation of Remediation Goal for Lead in Soil - Industrial Workers

Exposure Variable	PRG Equation[1]	Description of Exposure Variable	Units	Values for Industrial Worker Using Equation 1 GSDi = 2.04	Values for Industrial Worker Using Equation 1 GSDi = 1.8 (a)
$PbB_{fetal,\ 0.95}$	X	95th percentile PbB in fetus	ug/dL	10	10
$R_{fetal/maternal}$	X	Fetal/maternal PbB ratio	--	0.9	0.9
BKSF	X	Biokinetic Slope Factor	ug/dL per ug/day	0.4	0.4
GSD_i	X	Geometric standard deviation PbB	--	2.04	1.8
PbB_0	X	Baseline PbB	ug/dL	1.38	1.00
IR_S	X	Soil ingestion rate (including soil-derived indoor dust)	g/day	0.050	0.050
$AF_{S,\ D}$	X	Absorption fraction (same for soil and dust)	--	0.12	0.12
C_w	X	Concentration of lead in ground water (average for site)	ug/L	4	4
IR_w[2]	X	Intake rate of water from on-site ground water	L/day	1	1
AF_w	X	Absolute gastrointestinal absorption fraction for lead in GW		0.2	0.2
EF	X	Exposure frequency (same for soil and dust and water)	days/yr	219	219
AT	X	Averaging Time	days/yr	365	365
PRG		**Preliminary Remediation Goal**	**ppm**	**1,300**	**2,100**

Note:

Level in groundwater set to background.

(a) Assumptions for the Adult Lead Model for EPA were updated in June 2009. Soil ingestion rate and frequency of exposure based on Frequent Questions from Risk Assessors on the ALM (www.epa.gov/superfund/health/contaminants/lead/almfaq.htm).

***Equation based on Georgia Adult Lead Model (November, 1999).**

$$\mathbf{PRG} = \frac{[([[PbB_{fetal,0.95}/(R*(GSD_i^{1.645})])-PbB_0) - (C_w*I_w*A_w)] \ * \ (IR_S*AF_S)^{-1}}{BKSF*(EF/AT)}$$

Prepared by: MKB 1/18/2012

Checked by: LMS 1/18/2012

Sources:

U.S. EPA (1996). Recommendations of the Technical Review Workgroup for Lead for an Interim Approach to Assessing Risks Associated with Adult Exposures to Lead in Soil.
Georgia EPD HSRA: Appendix IV.

Copy Range

Values for Industrial Exposure Scenario				Values for Commercial Exposure Scenario			
Using Equation 1		Using Equation 2		Using Equation 1		Using Equation 2	
GSDi = 1.8	GSDi = 2.2	GSDi = 1.8	GSDi = 2.2	GSDi = 1.8	GSDi = 2.2	GSDi = 1.8	GSDi = 2.2
10	10	10	10	10	10	10	10
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1.8	2.1	1.8	2.1	1.8	2.1	1.8	2.1
2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
0.050	0.050	--	--	0.050	0.050	--	--
--	--	0.050	0.050	--	--	0.050	0.050
--	--	1.000	1.000	--	--	1.000	1.000
--	--	0.700	0.700	--	--	0.700	0.700
0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
219	219	219	219	50	50	50	50
1,545	**888**	**1,545**	**888**	**6,768**	**3,889**	**6,768**	**3,889**

LEAD MODEL FOR WINDOWS Version 1.1

==========

Model Version: 1.1 Build11
User Name:
Date:
Site Name:
Operable Unit:
Run Mode: Research

==========

****** Air ******

Indoor Air Pb Concentration: 30.000 percent of outdoor.
Other Air Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m^3/day)	Lung Absorption (%)	Outdoor Air Pb Conc (µg Pb/m^3)
.5-1	1.000	2.000	32.000	0.100
1-2	2.000	3.000	32.000	0.100
2-3	3.000	5.000	32.000	0.100
3-4	4.000	5.000	32.000	0.100
4-5	4.000	5.000	32.000	0.100
5-6	4.000	7.000	32.000	0.100
6-7	4.000	7.000	32.000	0.100

****** Diet ******

Age	Diet Intake(µg/day)
.5-1	2.260
1-2	1.960
2-3	2.130
3-4	2.040
4-5	1.950
5-6	2.050
6-7	2.220

****** Drinking Water ******

Water Consumption:

Age	Water (L/day)
.5-1	0.200
1-2	0.500
2-3	0.520
3-4	0.530
4-5	0.550
5-6	0.580
6-7	0.590

Drinking Water Concentration: 4.000 µg Pb/L

****** Soil & Dust ******

Multiple Source Analysis Used
Average multiple source concentration: 302.600 µg/g

Mass fraction of outdoor soil to indoor dust conversion factor: 0.700
Outdoor airborne lead to indoor household dust lead concentration: 100.000
Use alternate indoor dust Pb sources? No

Age	Soil (µg Pb/g)	House Dust (µg Pb/g)
.5-1	418.000	302.600
1-2	418.000	302.600
2-3	418.000	302.600
3-4	418.000	302.600
4-5	418.000	302.600
5-6	418.000	302.600
6-7	418.000	302.600

****** Alternate Intake ******

Age	Alternate (µg Pb/day)
.5-1	0.000
1-2	0.000
2-3	0.000
3-4	0.000
4-5	0.000
5-6	0.000
6-7	0.000

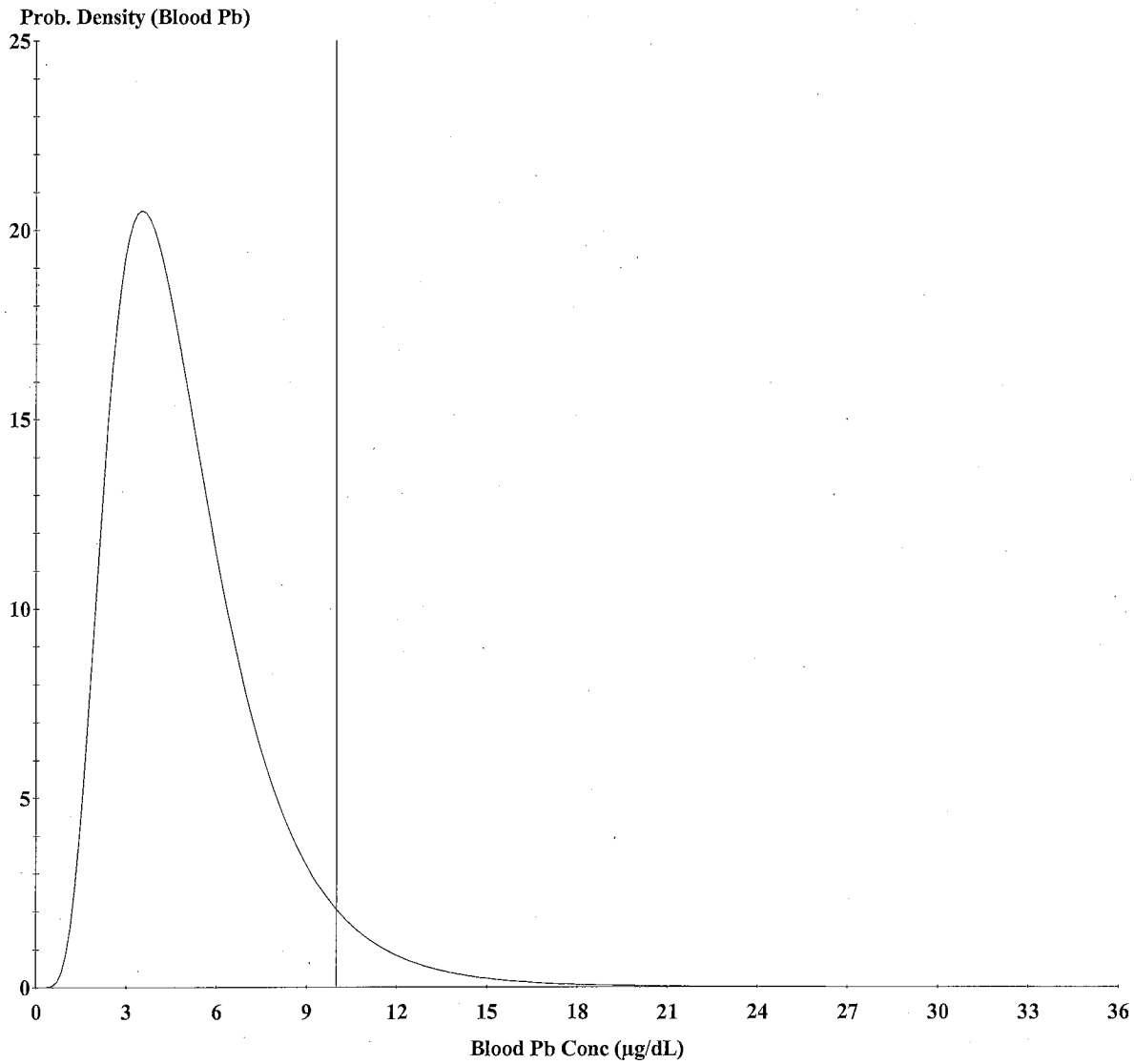
****** Maternal Contribution: Infant Model ******

Maternal Blood Concentration: 1.000 µg Pb/dL

****
CALCULATED BLOOD LEAD AND LEAD UPTAKES:
****

Year	Air (µg/day)	Diet (µg/day)	Alternate (µg/day)	Water (µg/day)
.5-1	0.021	1.013	0.000	0.359
1-2	0.034	0.863	0.000	0.880
2-3	0.062	0.953	0.000	0.931
3-4	0.067	0.927	0.000	0.963
4-5	0.067	0.913	0.000	1.030
5-6	0.093	0.971	0.000	1.099
6-7	0.093	1.058	0.000	1.124

Year	Soil+Dust (µg/day)	Total (µg/day)	Blood (µg/dL)
.5-1	8.107	9.500	5.1
1-2	12.637	14.414	5.9
2-3	12.851	14.797	5.5
3-4	13.047	15.004	5.2
4-5	9.962	11.972	4.3
5-6	9.067	11.230	3.6
6-7	8.615	10.891	3.2



Cutoff = 10.000 µg/dl
Geo Mean = 4.615
GSD = 1.600
% Above = 4.995
% Below = 95.005

Age Range = 0 to 84 months

Run Mode = Research

APPENDIX D

BIOCHLOR OUTPUT SHEETS

BIOCHLOR Natural Attenuation Decision Support System

Version 2.2
Excel 2000

Legion Industries
Shallow Aquifer
Run Name

Data Input Instructions:

115 ← 1. Enter value directly....or
↑ or → 2. Calculate by filling in gray
0.02 cells. Press Enter, then (C)
(To restore formulas, hit "Restore Formulas" button)
Variable* → Data used directly in model.

Test if Biotransformation is Occurring → Natural Attenuation Screening Protocol

TYPE OF CHLORINATED SOLVENT: Ethenes ◉ Ethanes ○

1. ADVECTION

Seepage Velocity*	Vs	43.0	(ft/yr)
or			
Hydraulic Conductivity	K	4.8E-04	(cm/sec)
Hydraulic Gradient	i	0.013	(ft/ft)
Effective Porosity	n	0.15	(-)

2. DISPERSION

Alpha x*	18	(ft)
(Alpha y) / (Alpha x)*	0.1	(-)
(Alpha z) / (Alpha x)*	1.E-99	(-)

Calc. Alpha x

3. ADSORPTION

Retardation Factor* → R

or

Soil Bulk Density, rho	1.7	(kg/L)		
FractionOrganicCarbon, foc	2.0E-3	(-)		
Partition Coefficient	Koc			
PCE	426	(L/kg)	10.66	(-)
TCE	130	(L/kg)	3.95	(-)
DCE	125	(L/kg)	3.83	(-)
VC	30	(L/kg)	1.67	(-)
ETH	302	(L/kg)	7.85	(-)
Common R (used in model)* =			**3.95**	

4. BIOTRANSFORMATION

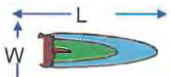
-1st Order Decay Coefficient*

	λ (1/yr)	half-life (yrs)	Yield
Zone 1			
PCE → TCE	0.000		0.79
TCE → DCE	0.500		0.74
DCE → VC	1.500		0.64
VC → ETH	2.500		0.45
Zone 2			
PCE → TCE	0.000		
TCE → DCE	0.000		
DCE → VC	0.000		
VC → ETH	0.000		

λ HELP

5. GENERAL

Simulation Time*	40	(yr)
Modeled Area Width*	200	(ft)
Modeled Area Length*	500	(ft)
Zone 1 Length*	500	(ft)
Zone 2 Length*	0	(ft)



Zone 2= L - Zone 1

6. SOURCE DATA

TYPE: Decaying
Single Planar

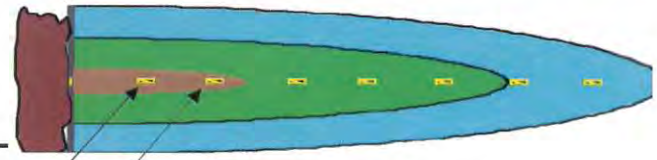
Source Options

Source Thickness in Sat. Zone* 10 (ft)

Y1
Width* (ft) 50

Conc. (mg/L)*	C1	k_s* (1/yr)
PCE	.019	0.02
TCE	8.2	0.02
DCE	2.9	0.02
VC	3.3	0.02
ETH		0.02

Vertical Plane Source: Determine Source Well Location and Input Solvent Concentrations



View of Plume Looking Down

Observed Centerline Conc. at Monitoring Wells

7. FIELD DATA FOR COMPARISON

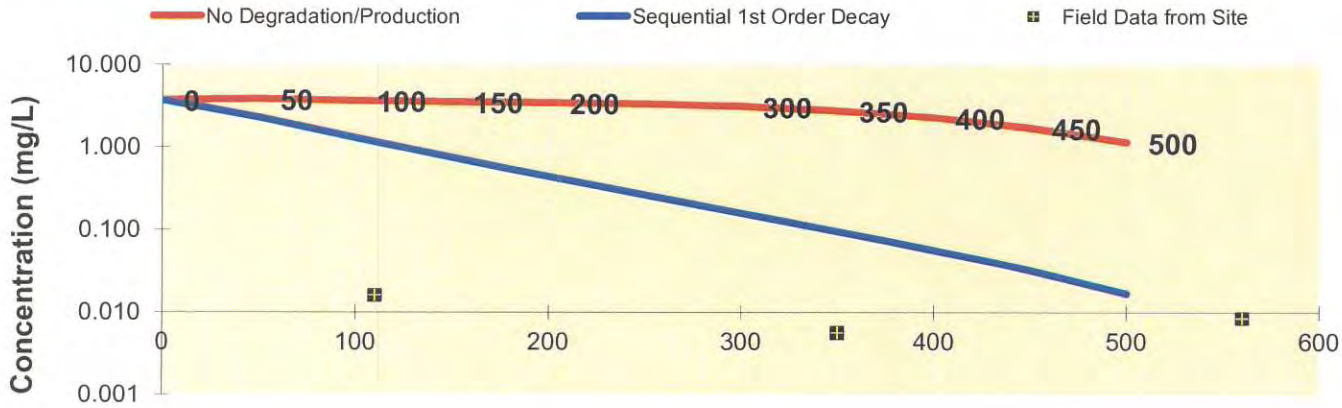
PCE Conc. (mg/L)	.0	.0	.0								
TCE Conc. (mg/L)	.016	.006	.009								
DCE Conc. (mg/L)	.125	.003	.003								
VC Conc. (mg/L)	0.0	0.0	.0								
ETH Conc. (mg/L)											
Distance from Source (ft)	110	350	560								
Date Data Collected	2015										

8. CHOOSE TYPE OF OUTPUT TO SEE:

RUN CENTERLINE | RUN ARRAY | Help | Restore | RESET | SEE OUTPUT | Paste

DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

TCE	Distance from Source (ft)										
	0	50	100	150	200	250	300	350	400	450	500
No Degradation	3.684	3.797	3.611	3.484	3.391	3.272	3.062	2.717	2.238	1.680	1.132
Biotransformation	3.6845	2.259	1.280	0.740	0.437	0.262	0.158	0.095	0.056	0.032	0.017
	Monitoring Well Locations (ft)										
	110	350	560								
Field Data from Site	0.016	0.006	0.009								



Distance From Source (ft.)

See PCE

See TCE

See DCE

See VC

See ETH

Prepare Animation

Time:

40.0 Years

Log ⟺ Linear

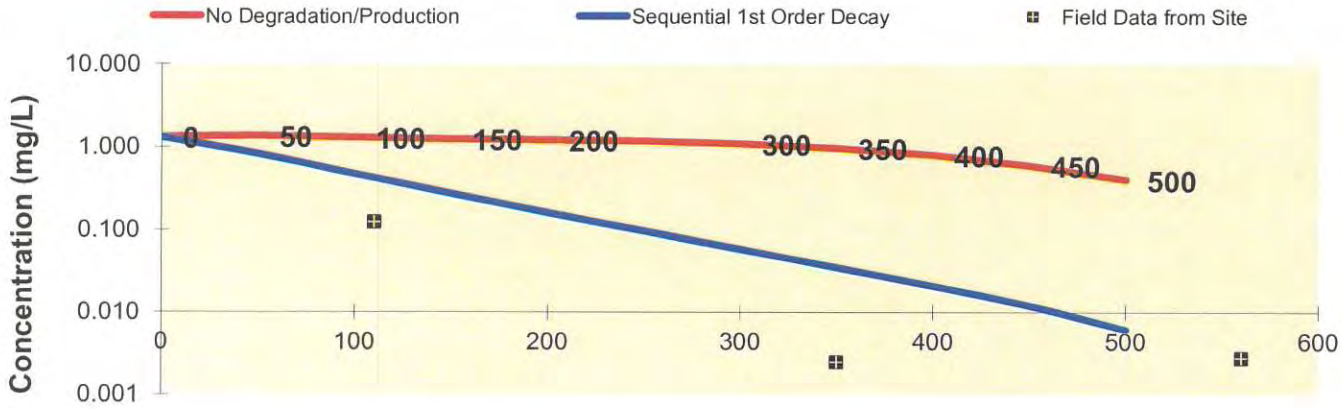
Return to Input

To All

To Array

DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

DCE	Distance from Source (ft)										
	0	50	100	150	200	250	300	350	400	450	500
No Degradation	1.303	1.343	1.277	1.232	1.199	1.157	1.083	0.961	0.792	0.594	0.400
Biotransformation	1.3031	0.817	0.468	0.272	0.161	0.096	0.058	0.035	0.021	0.012	0.006
	Monitoring Well Locations (ft)										
	110	350	560								
Field Data from Site	0.125	0.003	0.003								



Distance From Source (ft.)

See PCE

See TCE

See DCE

See VC

See ETH

Prepare Animation

Time:

40.0 Years

Log ⟺ Linear

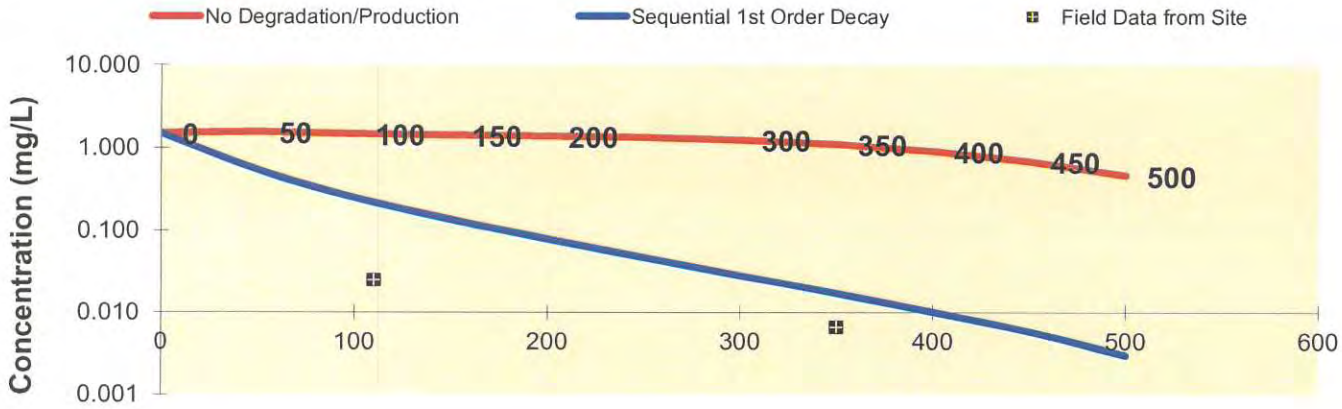
Return to Input

To All

To Array

DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

VC	Distance from Source (ft)										
	0	50	100	150	200	250	300	350	400	450	500
No Degradation	1.483	1.528	1.453	1.402	1.365	1.317	1.232	1.093	0.901	0.676	0.456
Biotransformation	1.4828	0.533	0.246	0.134	0.078	0.047	0.028	0.017	0.010	0.006	0.003
	Monitoring Well Locations (ft)										
	110	350	560								
Field Data from Site	0.025	0.007	0.000								



Distance From Source (ft.)

See PCE

See TCE

See DCE

See VC

See ETH

Prepare Animation

Time:

40.0 Years

Log ⟺ Linear

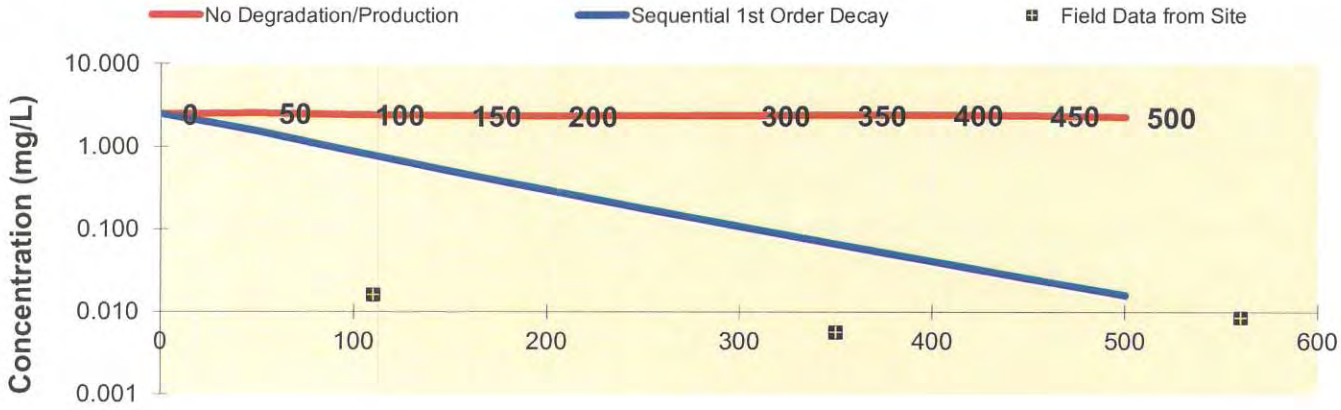
Return to Input

To All

To Array

DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

TCE	Distance from Source (ft)										
	0	50	100	150	200	250	300	350	400	450	500
No Degradation	2.470	2.546	2.426	2.357	2.338	2.353	2.384	2.415	2.425	2.388	2.280
Biotransformation	2.4698	1.514	0.858	0.496	0.293	0.176	0.107	0.066	0.040	0.025	0.016
	Monitoring Well Locations (ft)										
	110	350	560								
Field Data from Site	0.016	0.006	0.009								



Distance From Source (ft.)

See PCE

See TCE

See DCE

See VC

See ETH

Prepare Animation

Time:

60.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

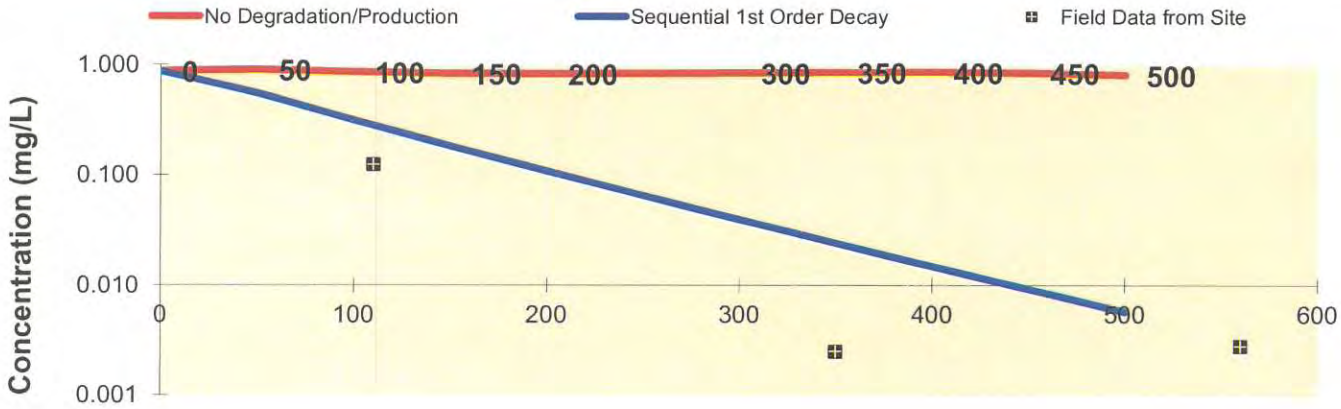
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

DCE	0	50	100	150	200	250	300	350	400	450	500
No Degradation	0.873	0.901	0.858	0.834	0.827	0.832	0.843	0.854	0.858	0.845	0.806
Biotransformation	0.8735	0.547	0.313	0.182	0.108	0.065	0.039	0.024	0.015	0.009	0.006

Monitoring Well Locations (ft)

	110	350	560								
Field Data from Site	0.125	0.003	0.003								



Distance From Source (ft.)

See PCE

See TCE

See DCE

See VC

See ETH

Prepare Animation

Time:

60.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

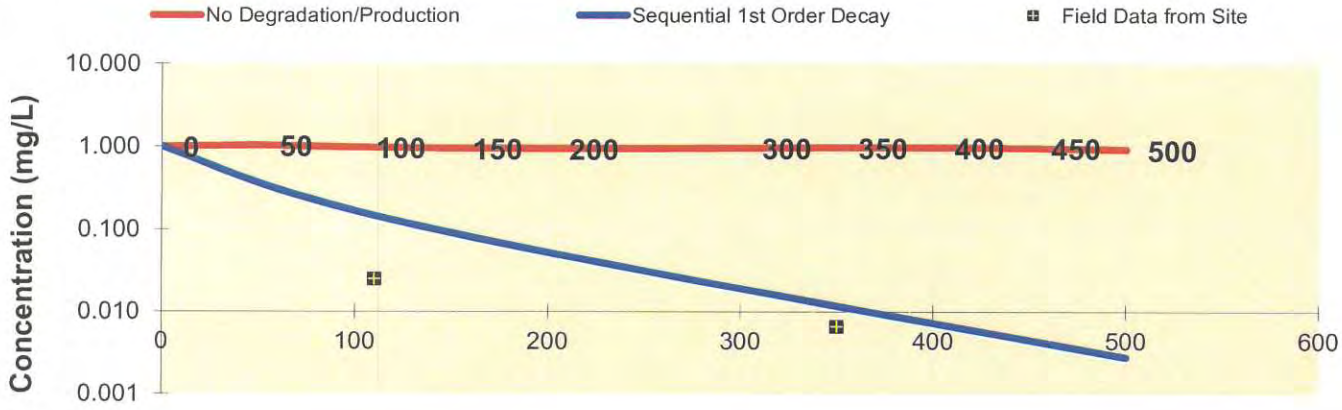
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

VC	0	50	100	150	200	250	300	350	400	450	500
No Degradation	0.994	1.025	0.976	0.949	0.941	0.947	0.959	0.972	0.976	0.961	0.918
Biotransformation	0.9939	0.357	0.165	0.090	0.052	0.031	0.019	0.012	0.007	0.004	0.003

Monitoring Well Locations (ft)

	110	350	560								
Field Data from Site	0.025	0.007	0.000								



Distance From Source (ft.)

See PCE

See TCE

See DCE

See VC

See ETH

Prepare Animation

Time:

60.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

BIOCHLOR Natural Attenuation Decision Support System

Version 2.2
Excel 2000

Legion Industries
Intermediate Plume
Run Name

Data Input Instructions:
115 → 1. Enter value directly....or
↑ or → 2. Calculate by filling in gray
0.02 cells. Press Enter, then (C)
(To restore formulas, hit "Restore Formulas" button)
Variable* → Data used directly in model.

Test if Biotransformation is Occurring → Natural Attenuation Screening Protocol

TYPE OF CHLORINATED SOLVENT: Ethenes ◉ Ethanes ○

1. ADVECTION

Seepage Velocity*	Vs	38.6	(ft/yr)
or			
Hydraulic Conductivity	K	2.8E-04	(cm/sec)
Hydraulic Gradient	i	0.02	(ft/ft)
Effective Porosity	n	0.15	(-)

2. DISPERSION

Alpha x*	10	(ft)
(Alpha y) / (Alpha x)*	1E-10	(-)
(Alpha z) / (Alpha x)*	1.E-99	(-)

Calc. Alpha x

3. ADSORPTION

Retardation Factor* → R				
or				
Soil Bulk Density, rho		1.7	(kg/L)	
FractionOrganicCarbon, foc		7.0E-4	(-)	
Partition Coefficient	Koc			
PCE		426	(L/kg)	4.38 (-)
TCE		130	(L/kg)	2.03 (-)
DCE		125	(L/kg)	1.99 (-)
VC		30	(L/kg)	1.23 (-)
ETH		302	(L/kg)	3.40 (-)
Common R (used in model)* =				**2.03**

4. BIOTRANSFORMATION

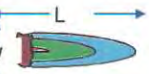
-1st Order Decay Coefficient*

	λ (1/yr)	half-life (yrs)	Yield
Zone 1			
PCE → TCE	0.000		0.79
TCE → DCE	1.900		0.74
DCE → VC	1.400		0.64
VC → ETH	1.500		0.45
Zone 2			
PCE → TCE	0.000		
TCE → DCE	0.000		
DCE → VC	0.000		
VC → ETH	0.000		

λ HELP

5. GENERAL

Simulation Time*	60	(yr)
Modeled Area Width*	200	(ft)
Modeled Area Length*	500	(ft)
Zone 1 Length*	500	(ft)
Zone 2 Length*	0	(ft)



Zone 2= L - Zone 1

6. SOURCE DATA

TYPE: Decaying Single Planar

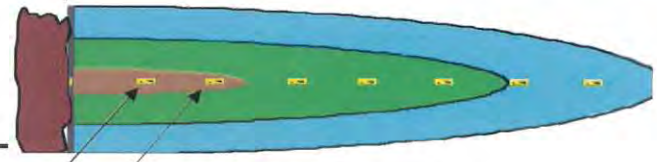
Source Options

Source Thickness in Sat. Zone* 10 (ft)

Y1
Width* (ft) 50

Conc. (mg/L)*	C1	k_s* (1/yr)
PCE	.0	0.02
TCE	57.0	0.02
DCE	8.0	0.02
VC	2.2	0.02
ETH		0.02

Vertical Plane Source: Determine Source Well Location and Input Solvent Concentrations



View of Plume Looking Down

Observed Centerline Conc. at Monitoring Wells

7. FIELD DATA FOR COMPARISON

PCE Conc. (mg/L)	.0	.0	.0								
TCE Conc. (mg/L)	46.3	3.01	.002								
DCE Conc. (mg/L)	7.28	1.66	.145								
VC Conc. (mg/L)	1.6	0.7	.12								
ETH Conc. (mg/L)											
Distance from Source (ft)	0	30	215								
Date Data Collected	2015										

8. CHOOSE TYPE OF OUTPUT TO SEE:

RUN CENTERLINE | RUN ARRAY | Help | Restore | RESET | SEE OUTPUT | Paste

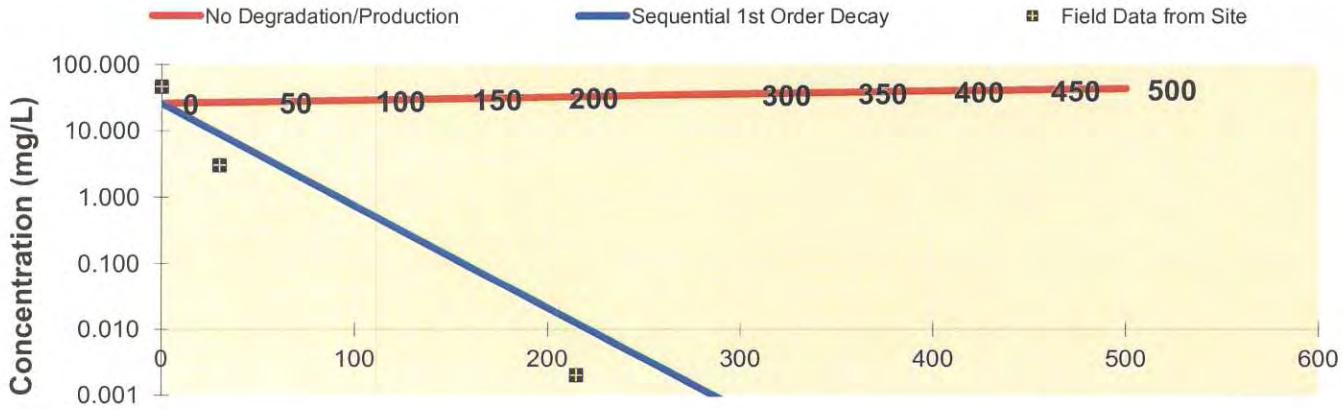
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

TCE	0	50	100	150	200	250	300	350	400	450	500
No Degradation	25.612	27.011	28.487	30.043	31.684	33.415	35.235	37.140	39.093	40.983	42.552
Biotransformation	25.6117	4.332	0.733	0.124	0.021	0.004	0.001	0.000	0.000	0.000	0.000

Monitoring Well Locations (ft)

	0	30	215								
Field Data from Site	46.300	3.010	0.002								



Distance From Source (ft.)

See PCE

See TCE

See DCE

See VC

See ETH

Prepare Animation

Time:

40.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

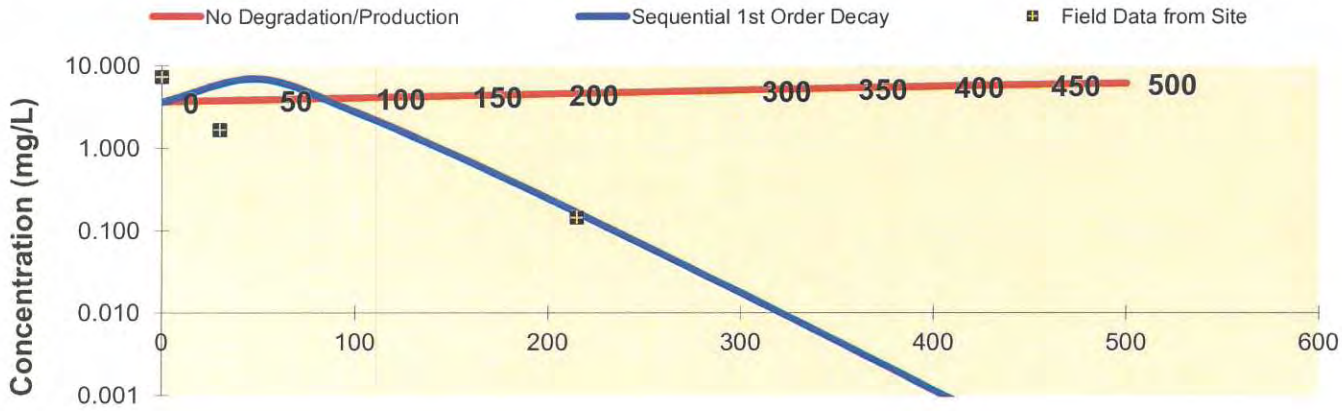
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

DCE	0	50	100	150	200	250	300	350	400	450	500
No Degradation	3.595	3.791	3.998	4.217	4.447	4.690	4.945	5.213	5.487	5.752	5.972
Biotransformation	3.5946	6.821	2.717	0.853	0.243	0.066	0.017	0.005	0.001	0.000	0.000

Monitoring Well Locations (ft)

	0	30	215								
Field Data from Site	7.280	1.660	0.145								



Distance From Source (ft.)

See PCE

See TCE

See DCE

See VC

See ETH

Prepare Animation

Time:

40.0 Years

Log ⟺ Linear

Return to Input

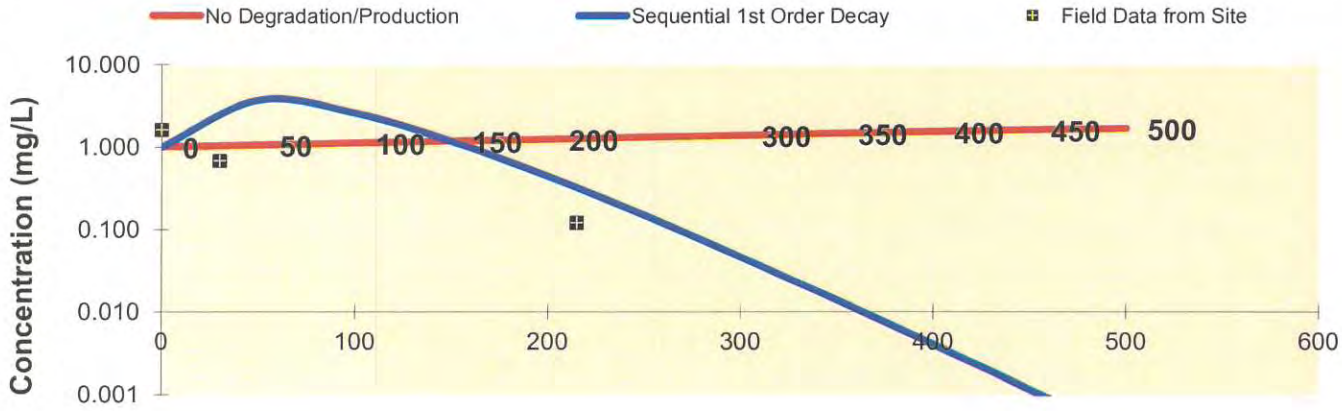
To All

To Array

DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

VC	Distance from Source (ft)										
	0	50	100	150	200	250	300	350	400	450	500
No Degradation	0.989	1.043	1.099	1.160	1.223	1.290	1.360	1.433	1.509	1.582	1.642
Biotransformation	0.9885	3.675	2.553	1.161	0.436	0.147	0.046	0.014	0.004	0.001	0.000

	Monitoring Well Locations (ft)										
	0	30	215								
Field Data from Site	1.620	0.680	0.120								



Distance From Source (ft.)

See PCE

See TCE

See DCE

See VC

See ETH

Prepare Animation

Time:

40.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

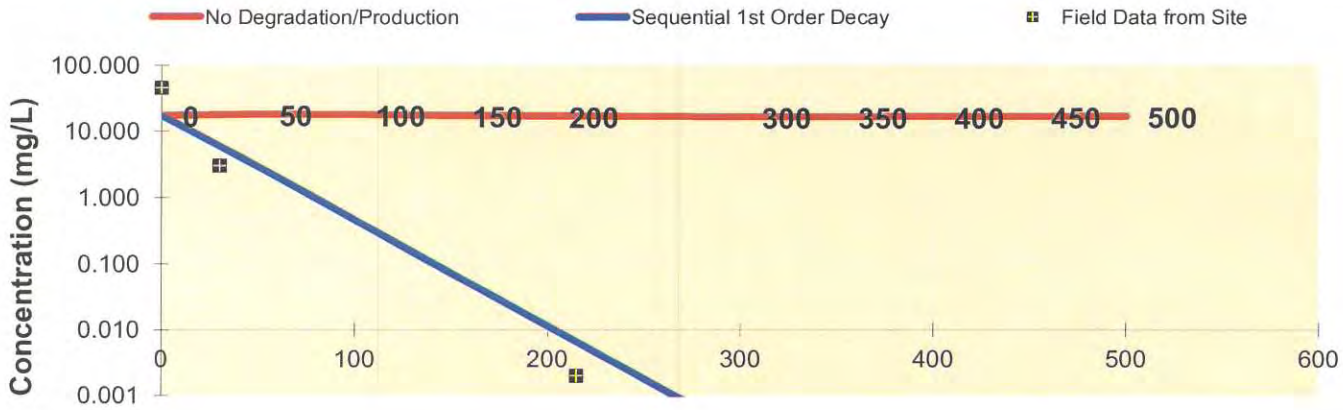
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

TCE	0	50	100	150	200	250	300	350	400	450	500
No Degradation	17.168	17.880	17.622	17.138	16.748	16.492	16.356	16.321	16.370	16.491	16.674
Biotransformation	17.1681	2.871	0.454	0.071	0.011	0.002	0.000	0.000	0.000	0.000	0.000

Monitoring Well Locations (ft)

	0	30	215								
Field Data from Site	46.300	3.010	0.002								



See PCE

See TCE

See DCE

See VC

See ETH

Prepare Animation

Time:

60.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

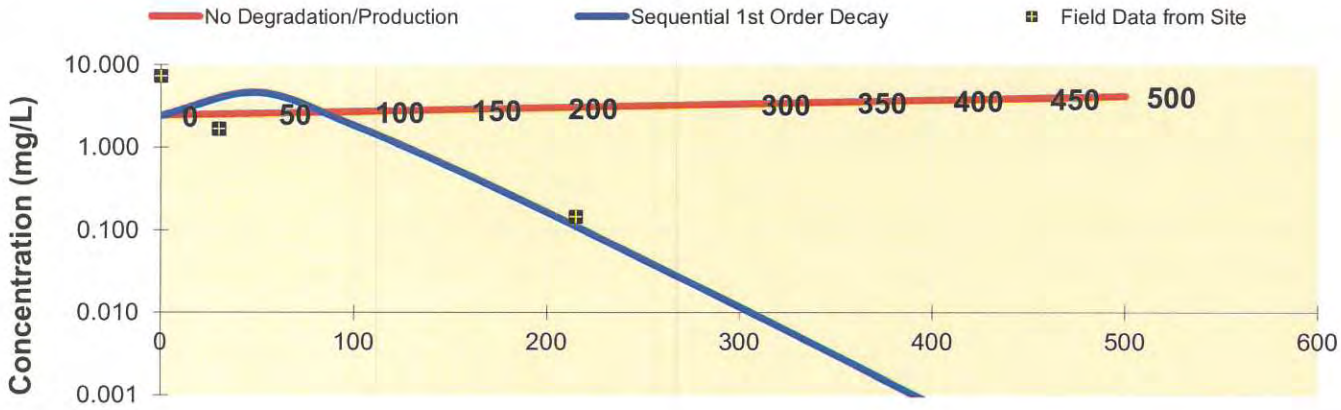
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

DCE	0	50	100	150	200	250	300	350	400	450	500
No Degradation	2.410	2.541	2.680	2.826	2.981	3.144	3.315	3.497	3.688	3.889	4.101
Biotransformation	2.4096	4.572	1.821	0.572	0.163	0.044	0.012	0.003	0.001	0.000	0.000

Monitoring Well Locations (ft)

	0	30	215								
Field Data from Site	7.280	1.660	0.145								



See PCE

See TCE

See DCE

See VC

See ETH

Prepare Animation

Time:

60.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

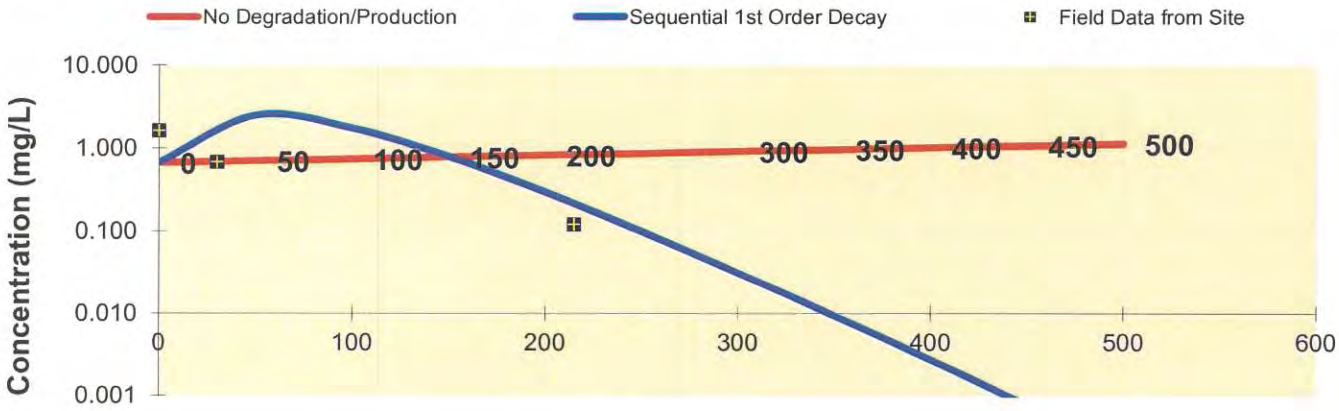
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

VC	0	50	100	150	200	250	300	350	400	450	500
No Degradation	0.663	0.699	0.737	0.777	0.820	0.865	0.912	0.962	1.014	1.069	1.128
Biotransformation	0.6626	2.463	1.711	0.778	0.292	0.099	0.031	0.009	0.003	0.001	0.000

Monitoring Well Locations (ft)

	0	30	215								
Field Data from Site	1.620	0.680	0.120								



See PCE

See TCE

See DCE

See VC

See ETH

Distance From Source (ft.)

Prepare Animation

Time:

60.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

APPENDIX E

WATER USAGE SURVEY

October 7, 2015

Legion Industries, Inc.
370 Mills Road
Waynesboro, Georgia 30830

Attention: Mr. Charles Brown

Subject: **Report of Water Usage Survey**
Legion Industries Property
370 Mills Road
Waynesboro, Georgia
Amec Foster Wheeler Project No. 6121-09-0444

Dear Mr. Brown:

Amec Foster Wheeler Environment & Infrastructure, Inc. (Amec Foster Wheeler) is pleased to submit this report of our water usage survey for the Legion Industries property located at 370 Mills Road in Waynesboro, Burke County, Georgia. The survey consisted primarily of a review of readily available local, state and federal information regarding drinking water wells and drinking water intakes for the area lying within one mile of the subject site, a driving reconnaissance, and interviews with personnel at local water departments and other knowledgeable persons.

BACKGROUND

The subject site covers a total of 10.54 acres and is developed with a single industrial building which covers approximately 75,000 square feet. The remainder of the site consists of a gravel parking area and undeveloped grassed areas.

During environmental investigations, dissolved phase impacts to groundwater were identified in deep and shallow aquifers underlying the subject property. In support of a Compliance Status Report (CSR) for the seventh period at the subject site, Amec Foster Wheeler performed a survey of drinking water wells and surface water intakes which might be present within one mile to the north and northeast of the site and within one-half mile in the remaining directions from the boundaries of the site.

WATER USAGE SURVEY

The findings of the water usage survey are detailed in the following sections. Amec Foster Wheeler considered the one mile distance to extend to the north and northeast from the edges of the subject property and the one-half mile distance in all remaining directions as shown on Figure

1. Potential drinking water sources that were identified within the search radius are also plotted on Figure 1.

Information Sources

Amec Foster Wheeler assessed the potential presence of drinking water sources in the site area by a review of publicly available information sources and interviews with knowledgeable people listed below:

- The Hydrogeology of the Coastal Plain Strata of Richmond and Northern Burke Counties, Georgia, Georgia Department of Natural Resources (DNR) Environmental Protection Division (EPD) Georgia Geologic Survey (GGS), Information Circular 61;
- U.S. Geological Survey Groundwater Site Inventory System (GWSI) search data;
- Telephone conversation with City of Waynesboro Water Department personnel, September 4, 2015;
- Telephone conversation with Burke County Health Department; and
- Telephone conversation with Rowell Well Drilling personnel, September 4, 2015.

Amec Foster Wheeler also attempted to physically locate wells within one mile to the north and northeast of the subject property and one-half mile in the remaining directions by performing a vehicular reconnaissance (windshield survey) of the area. We also attempted to visually identify any evidence of private wells (i.e. wellheads, pump houses) while performing the area reconnaissance.

Public Information

The public records review identified no groundwater wells or surface water intakes within the search distance.

Amec Foster Wheeler contacted the City of Waynesboro Water Department and the Burke County Health Department to obtain additional information regarding possible well locations in the site area. Personnel from both entities indicated that they do not maintain records of private water sources. According to the City of Waynesboro Water Department website, the City obtains water from a surface water intake on the Briar Creek, approximately 2.75 miles east-northeast of the subject property, from a groundwater well located on Highway 25 North approximately 1.15 miles northwest of the subject site and from a groundwater well located on 6th Street approximately 0.85 miles southwest of the subject property.

Amec Foster Wheeler also interviewed Mr. Tommy Rowell of Rowell Well Drilling, located at 860 Davis Road in Waynesboro, Georgia. According to Mr. Rowell, they have been in business for 27 years and he is not aware of any drinking water wells located within the search radius. Mr. Rowell indicated that the nearest wells that he was familiar with were the two municipal wells, an irrigation well used in a pecan orchard approximately 1.15 miles west of the subject property, and a few irrigation wells located in a subdivision approximately 1.5 miles north of the subject property.

General Area Reconnaissance

On September 3, 2015, a general reconnaissance of the area within a one-mile radius north and northeast of the subject property boundaries and one-half mile in all other directions was performed. The reconnaissance involved visual observations from public roadways. No potential water supply wells were identified during the area reconnaissance. Municipal water meters were observed at residences and commercial structures in the survey area.

CONCLUSIONS

Based on the data obtained during the water usage survey, Amec Foster Wheeler offers the following conclusions:

- The records review and general area reconnaissance search identified no active wells or surface water intakes used for drinking water in within a one-mile radius north and northeast of the subject site or within one-half mile east, south, or west of the subject site.
- The properties surrounding the subject site are supplied with municipal water.

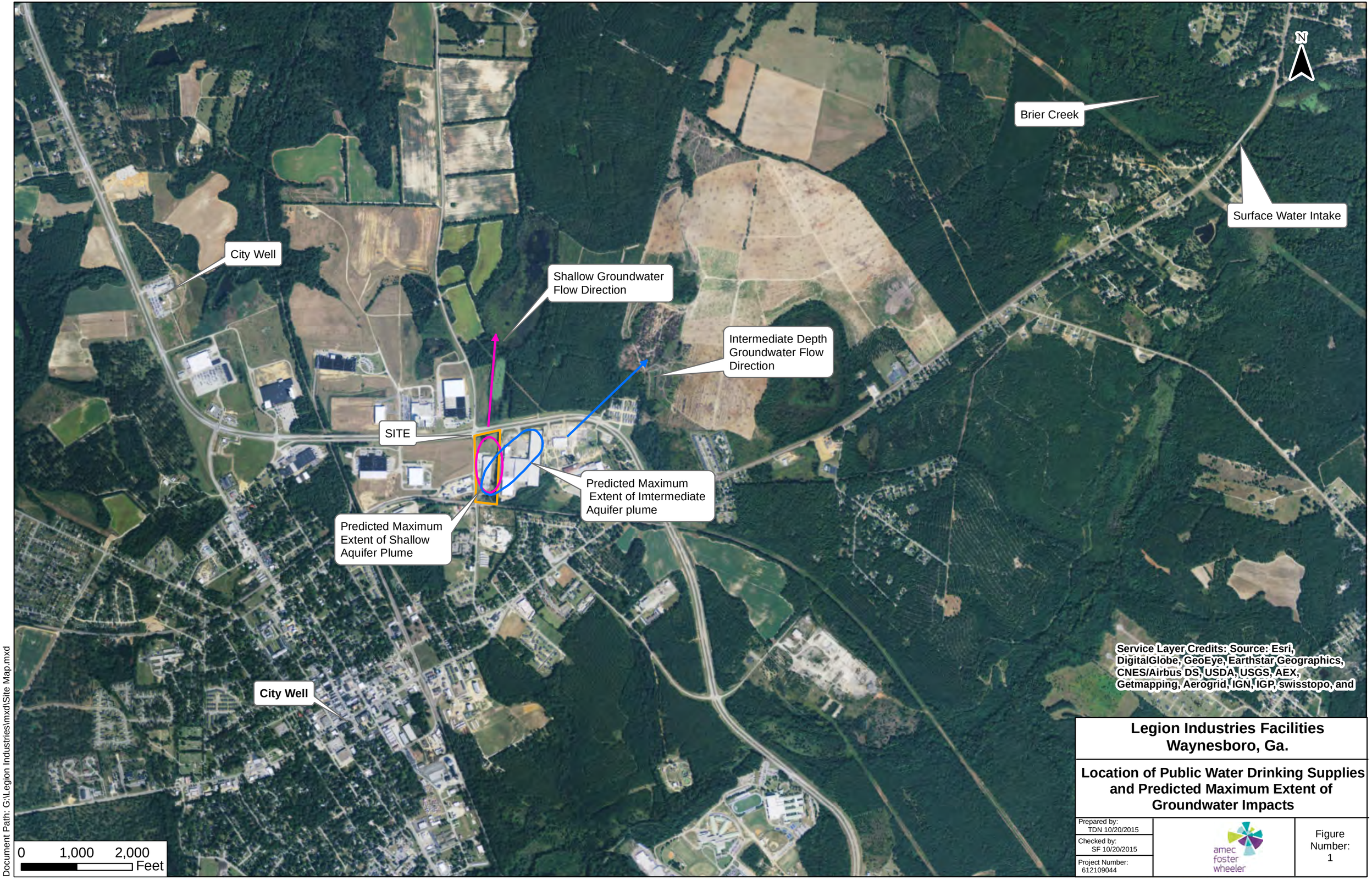
Sincerely,

Amec Foster Wheeler Environment & Infrastructure, Inc.

John R. Jedrosko, Jr.
Project Coordinator

Charles T. Ferry, P.E.
Senior Principal

With permission by: JL



Document Path: G:\Legion Industries\mxd\Site Map.mxd

Legion Industries Facilities
Waynesboro, Ga.

Location of Public Water Drinking Supplies and Predicted Maximum Extent of Groundwater Impacts

Prepared by: TDN 10/20/2015	amec foster wheeler	Figure Number: 1
Checked by: SF 10/20/2015		
Project Number: 612109044		

APPENDIX F

CONTAMINANT ISOPLETH MAPS AND TREND GRAPHS

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MEAN SEA LE

WAYNESBORO BY-PASS
(R/W VARIES)

201.00'

101.12'

103.05'

EASTSIDE
(MILLS ROAD)

(R/W VARIES)

200.00'

SEPTIC
FIELD

MW-3
(1.6)

MW-9
(8.5)

BURKE COUNTY DEVELOPMENT AUTHORITY

UNDEVELOPED LAND
(BURKE COUNTY
DEVELOPMENT
AUTHORITY)

CONCRETE

CONCRETE

MW-10
(<1.0)

399.71'

MW-16
(5.6)

1-S METAL BLDG.

MW-17

(DESTROYED)
MW-8

504'

468'

MW-12

S 03°50'19"W 1289.76'

SYNERGY GROUP, LLC

OW TOWN ROAD

DAVIS ROAD 50' R/W

275.74'

CONCRETE
PZ-6

FORMER
DEGREASER
PITS AREA

(13.6)
MW-19

MW-2

150'

(2,580) MW-13

1-S METAL
BLDG.

(2.8)
MW-11

HELENA CHEMICALS
(DRY FERTILIZERS)

MW-4 MW-18

PZ-2

1000

MW-7 (6.9)

MW-1
(623)

500

MW-15 MW-14
(56.8)

MW-6

MCL

FORMER GEORGIA POWER CO.
SUBSTATION

196.30'

RAILROAD SPUR TRACK

MW-5
(<1.0)

348.46'

S&A RAILROAD (MAIN LINE) 50' R/W

LEGEND OF FORMER INVESTIGATIONS

MW-6	MONITORING WELL/AMEC 2002, 2010 2014
MW-4	DEEP, TYPE III MONITORING WELL, MACTEC 2002
MW-8	WELL DESTROYED
(2.8)	TRICHLOROETHENE CONCENTRATION JUNE 2015, ug/L
—1.0—	TRICHLOROETHENE ISOCONCENTRATION LINE

SCALE IN FEET

0 100 200

BASE MAP: PREPARED BY
STEVE BARGERON & ASSOCIATES;
WAYNESBORO, GEORGIA

LEGION INDUSTRIES FACILITY
WAYNESBORO, GEORGIA

amec foster wheeler
Environment & Infrastructure, Inc.
1075 BIG SHANTY ROAD, NW, SUITE 100
KENNESAW, GEORGIA 30144 (770) 421-3400

TRICHLOROETHENE ISOPLETH MAP
SHALLOW AQUIFER

JOB NO. 6121-09-0444 FIGURE F1

PREPARED BY/DATE TG 10/15/2015 CHECKED BY/DATE SRF 10/15/2015

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MEAN SEA LE

WAYNESBORO BY-PASS
(R/W VARIES)

201.00'

101.12'

103.05'

EASTSIDE
(MILLS ROAD)

(R/W VARIES)

200.00'

BURKE COUNTY DEVELOPMENT AUTHORITY

SEPTIC FIELD

MW-3

MW-9

CONCRETE

UNDEVELOPED LAND
(BURKE COUNTY
DEVELOPMENT
AUTHORITY)

MW-10

CONCRETE

MW-17
(976)

MW-16

1-S METAL BLDG.

399.71'

504' MCL

100

1000

468'

S 03°50'19"W 1289.76'

(DESTROYED)
MW-8

MW-12

SYNERGY GROUP, LLC

CONCRETE

P7-6

FORMER
DEGREASER
PITS AREA

MW-19

MW-2
(2.0)

OW TOWN ROAD

DAVIS ROAD 50' R/W

275.74'

150'

MW-13
(3,010)

1-S METAL
BLDG.

MW-11

MW-4

MW-18

P7-2

10000

(46,300)

HELENA CHEMICALS
(DRY FERTILIZERS)

MW-7

MW-1

MW-15 MW-14
(1.1)

MW-6

FORMER GEORGIA POWER CO.
SUBSTATION

196.30'

RAILROAD SPUR TRACK

MW-5

348.46'

S&A RAILROAD (MAIN LINE) 50' R/W

LEGEND OF FORMER INVESTIGATIONS

MW-6	MONITORING WELL/AMEC 2002, 2010 2014
MW-4	DEEP, TYPE III MONITORING WELL, MACTEC 2002
MW-8	WELL DESTROYED
(2.0)	TRICHLOROETHENE CONCENTRATION JUNE 2015, ug/L
500	TRICHLOROETHENE ISOCONCENTRATION LINE

SCALE IN FEET

0 100 200

BASE MAP: PREPARED BY
STEVE BARGERON & ASSOCIATES;
WAYNESBORO, GEORGIA

LEGION INDUSTRIES FACILITY
WAYNESBORO, GEORGIA

amec foster wheeler
Environment & Infrastructure, Inc.
1075 BIG SHANTY ROAD, NW, SUITE 100
KENNESAW, GEORGIA 30144 (770) 421-3400

TRICHLOROETHENE ISOPLETH MAP INTERMEDIATE AQUIFER

JOB NO. 6121-09-0444 FIGURE F2

PREPARED BY/DATE TG 10/15/2015 CHECKED BY/DATE SRF 10/15/2015

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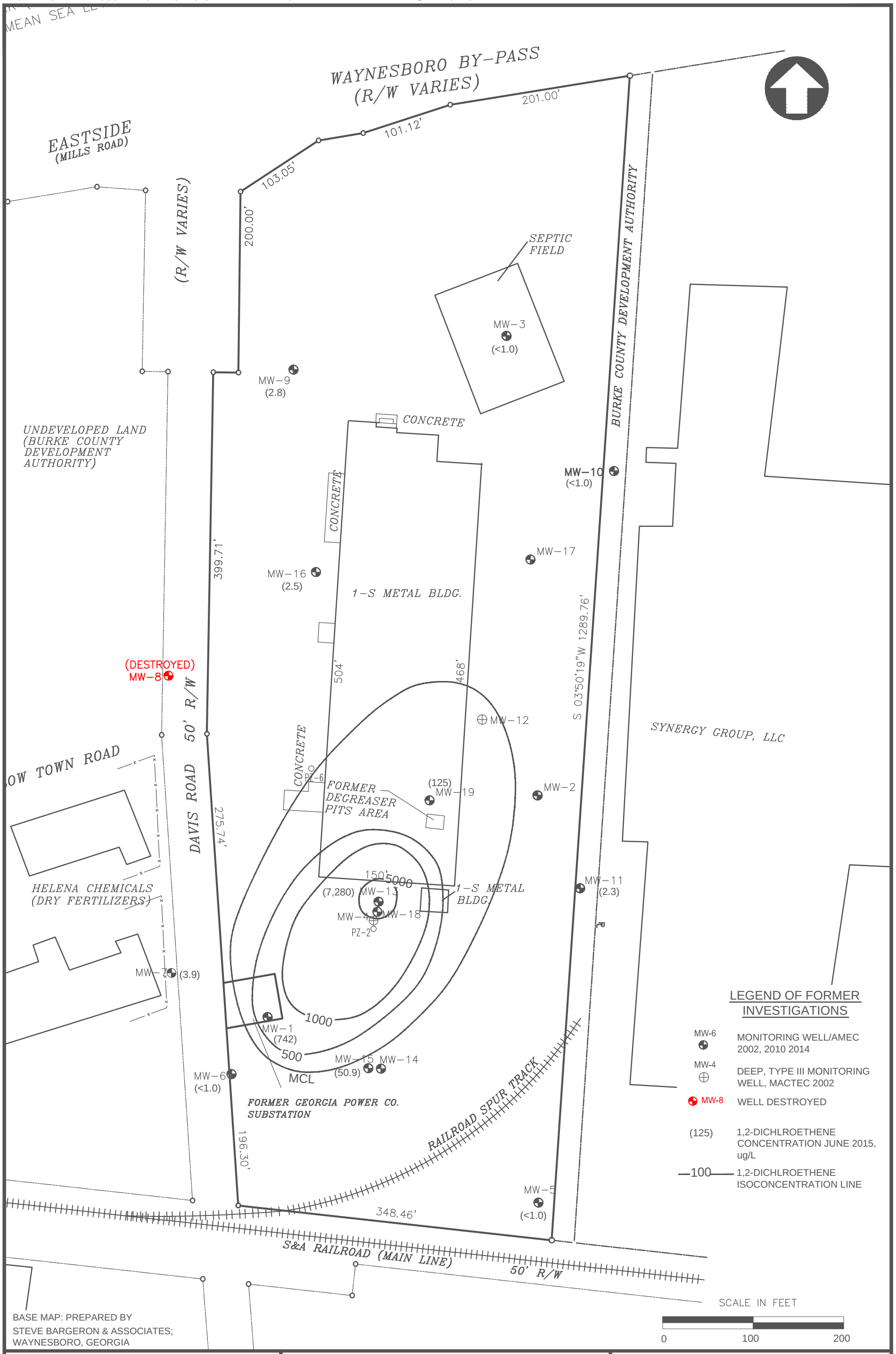

LEGION INDUSTRIES FACILITY
WAYNESBORO, GEORGIA

amec foster wheeler
Environment & Infrastructure, Inc.
1075 BIG SHANTY ROAD, NW, SUITE 100
KENNESAW, GEORGIA 30144 (770) 421-3400

1,2-DICHLROETHENE ISOPLETH MAP
SHALLOW AQUIFER

JOB NO. 6121-09-0444 FIGURE F3

PREPARED BY/DATE TG 10/15/2015 CHECKED BY/DATE SRF 10/15/2015

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MEAN SEA LE

WAYNESBORO BY-PASS
(R/W VARIES)

201.00'

101.12'

103.05'

EASTSIDE
(MILLS ROAD)

(R/W VARIES)

200.00'

BURKE COUNTY DEVELOPMENT AUTHORITY

SEPTIC FIELD

MW-3

MW-9

CONCRETE

UNDEVELOPED LAND
(BURKE COUNTY
DEVELOPMENT
AUTHORITY)

MW-10

CONCRETE

399.71'

MW-17
(1,010)

MW-16

1-S METAL BLDG.

(DESTROYED)
MW-8

504'

MCL

100

1000

468'

S 03°50'19" W 1289.76'

MW-12

SYNERGY GROUP, LLC

LOW TOWN ROAD

DAVIS ROAD 50' R/W

CONCRETE

PZ-1

FORMER
DECREASER
PITS AREA

MW-19

MW-2
(145)

275.74'

150'

MW-13

1-S METAL
BLDG.

MW-11

MW-4

MW-18
(1,660)

PZ-2
(7,280)

5000

HELENA CHEMICALS
(DRY FERTILIZERS)

MW-7

MW-1

MW-15

(2.5)

MW-14

MW-6

FORMER GEORGIA POWER CO.
SUBSTATION

RAILROAD SPUR TRACK

196.30'

MW-5

348.46'

S&A RAILROAD (MAIN LINE)

50' R/W

LEGEND OF FORMER INVESTIGATIONS

MW-6	MONITORING WELL/AMEC 2002, 2010 2014
MW-4	DEEP, TYPE III MONITORING WELL, MACTEC 2002
MW-8	WELL DESTROYED
(145)	1,2-DICHLROETHENE CONCENTRATION JUNE 2015, ug/L
—100—	1,2-DICHLROETHENE ISOCONCENTRATION LINE

SCALE IN FEET

0 100 200

BASE MAP: PREPARED BY
STEVE BARGERON & ASSOCIATES;
WAYNESBORO, GEORGIA

LEGION INDUSTRIES FACILITY
WAYNESBORO, GEORGIA

amec foster wheeler
Environment & Infrastructure, Inc.
1075 BIG SHANTY ROAD, NW, SUITE 100
KENNESAW, GEORGIA 30144 (770) 421-3400

1,2-DICHLROETHENE ISOPLETH MAP
INTERMEDIATE AQUIFER

JOB NO. 6121-09-0444 FIGURE F4

PREPARED BY/DATE TG 10/15/2015 CHECKED BY/DATE SRF 10/15/2015

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MEAN SEA LE

WAYNESBORO BY-PASS
(R/W VARIES)

201.00'

101.12'

103.05'

EASTSIDE
(MILLS ROAD)

(R/W VARIES)

200.00'

SEPTIC
FIELD

MW-3
(<1.0)

BURKE COUNTY DEVELOPMENT AUTHORITY

MW-9
(<1.0)

CONCRETE

UNDEVELOPED LAND
(BURKE COUNTY
DEVELOPMENT
AUTHORITY)

MW-10
(<1.0)

CONCRETE

399.71'

MW-16
(6.6)

1-S METAL BLDG.

MW-17

(DESTROYED)
MW-8

504'

468'

MW-12

S 03°50'19"W 1289.76'

SYNERGY GROUP, LLC

OW TOWN ROAD

DAVIS ROAD 50' R/W

CONCRETE
PZ-6

FORMER
DECREASER
PITS AREA

(<25)
MW-19

MW-2

275.74'

150'

(576) MW-13

500

100

MW-4

MW-18

PZ-2

1-S METAL
BLDG.

MW-11
(<1.0)

HELENA CHEMICALS
(DRY FERTILIZERS)

MW-7
(<1.0)

MW-1
(13)

MCL

MW-15 MW-14
(<1.0)

MW-6
(<1.0)

FORMER GEORGIA POWER CO.
SUBSTATION

196.30'

RAILROAD SPUR TRACK

MW-5
(<1.0)

348.46'

S&A RAILROAD (MAIN LINE) 50' R/W

LEGEND OF FORMER INVESTIGATIONS

MW-6	MONITORING WELL/AMEC 2002, 2010 2014
MW-4	DEEP, TYPE III MONITORING WELL, MACTEC 2002
MW-8	WELL DESTROYED
(13)	VINYL CHLORIDE CONCENTRATION JUNE 2015, ug/L
100	VINYL CHLORIDE ISOCONCENTRATION LINE

SCALE IN FEET

0 100 200

BASE MAP: PREPARED BY
STEVE BARGERON & ASSOCIATES;
WAYNESBORO, GEORGIA

LEGION INDUSTRIES FACILITY
WAYNESBORO, GEORGIA

amec foster wheeler
Environment & Infrastructure, Inc.
1075 BIG SHANTY ROAD, NW, SUITE 100
KENNESAW, GEORGIA 30144 (770) 421-3400

VINYL CHLORIDE ISOPLETH MAP
SHALLOW AQUIFER

JOB NO. 6121-09-0444 FIGURE F5

PREPARED BY/DATE TG 10/15/2015 CHECKED BY/DATE SRF 10/15/2015

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MEAN SEA LE

WAYNESBORO BY-PASS
(R/W VARIES)

201.00'

101.12'

103.05'

EASTSIDE
(MILLS ROAD)

(R/W VARIES)

200.00'

SEPTIC
FIELD

MW-3

BURKE COUNTY DEVELOPMENT AUTHORITY

MW-9

CONCRETE

UNDEVELOPED LAND
(BURKE COUNTY
DEVELOPMENT
AUTHORITY)

MW-10

CONCRETE

MCL

MW-17
(22.6)

MW-16

1-S METAL BLDG.

399.71'

504'

468'

S 03°50'19"W 1289.76'

(DESTROYED)
MW-8

MW-12

SYNERGY GROUP, LLC

OW TOWN ROAD

DAVIS ROAD 50' R/W

275.74'

CONCRETE

P7-6

FORMER
DECREASER
PITS AREA

100

MW-19

MW-2
(120)

HELENA CHEMICALS
(DRY FERTILIZERS)

150'

500

MW-13

1-S METAL
BLDG.

MW-11

MW-4

MW-18
(680)

P7-2

1000

(1,620)

MW-7

MW-1

MW-15 MW-14
(<1.0)

MW-6

FORMER GEORGIA POWER CO.
SUBSTATION

RAILROAD SPUR TRACK

196.30'

MW-5

348.46'

S&A RAILROAD (MAIN LINE) 50' R/W

LEGEND OF FORMER INVESTIGATIONS

MW-6	MONITORING WELL/AMEC 2002, 2010 2014
MW-4	DEEP, TYPE III MONITORING WELL, MACTEC 2002
MW-8	WELL DESTROYED
(13)	VINYL CHLORIDE CONCENTRATION JUNE 2015, ug/L
100	VINYL CHLORIDE ISOCONCENTRATION LINE

SCALE IN FEET

0 100 200

BASE MAP: PREPARED BY
STEVE BARGERON & ASSOCIATES;
WAYNESBORO, GEORGIA

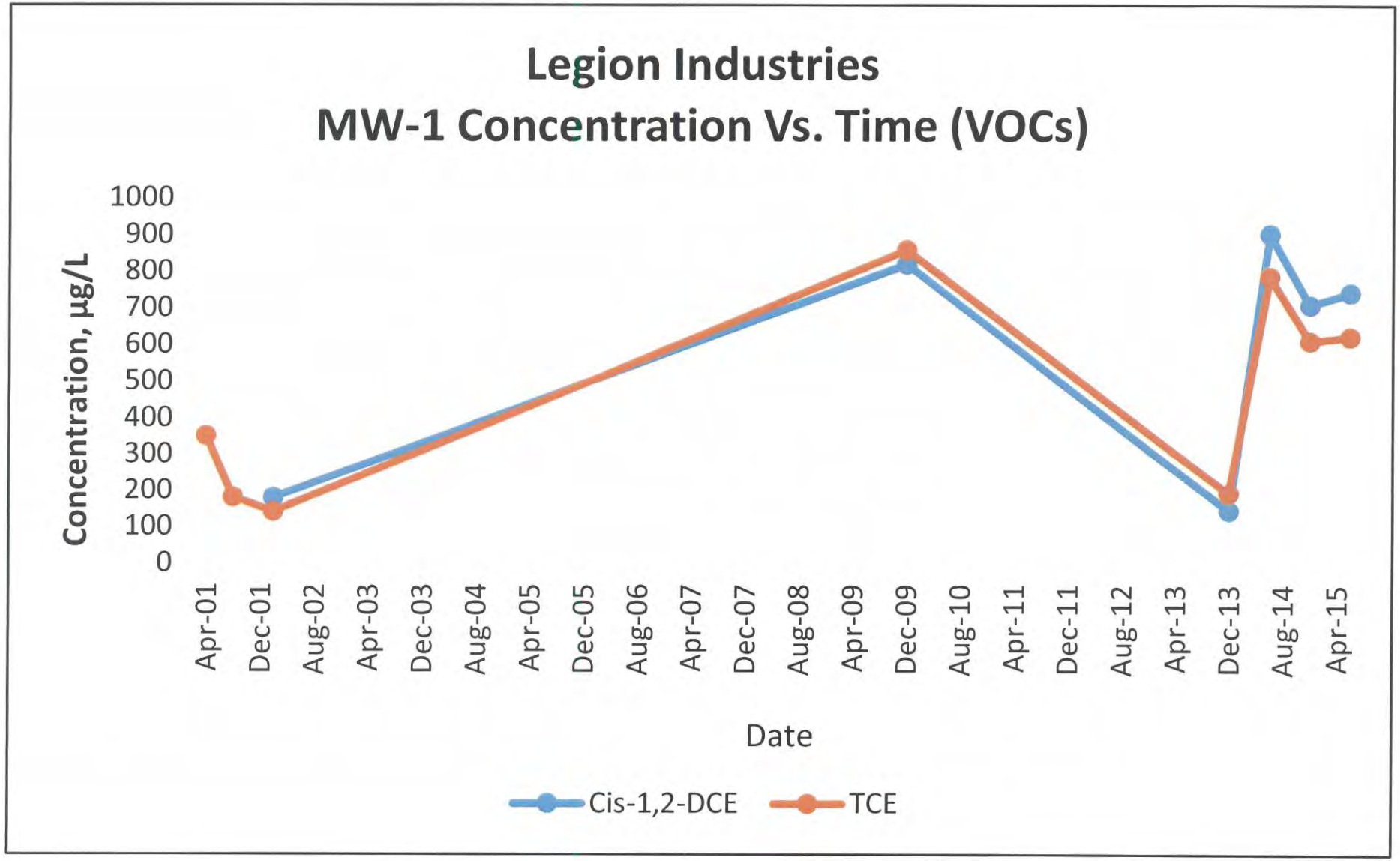
LEGION INDUSTRIES FACILITY
WAYNESBORO, GEORGIA

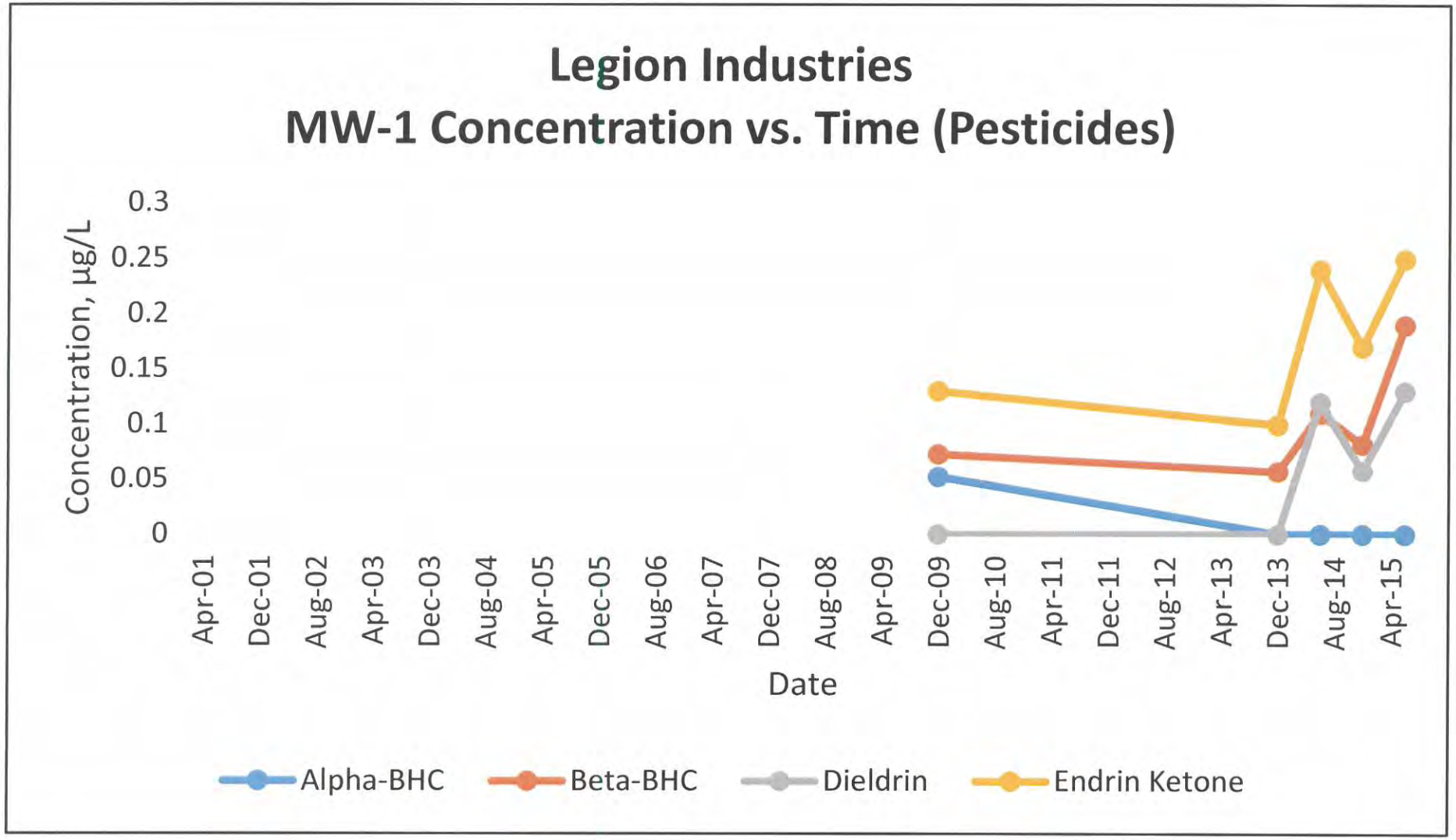
amec foster wheeler
Environment & Infrastructure, Inc.
1075 BIG SHANTY ROAD, NW, SUITE 100
KENNESAW, GEORGIA 30144 (770) 421-3400

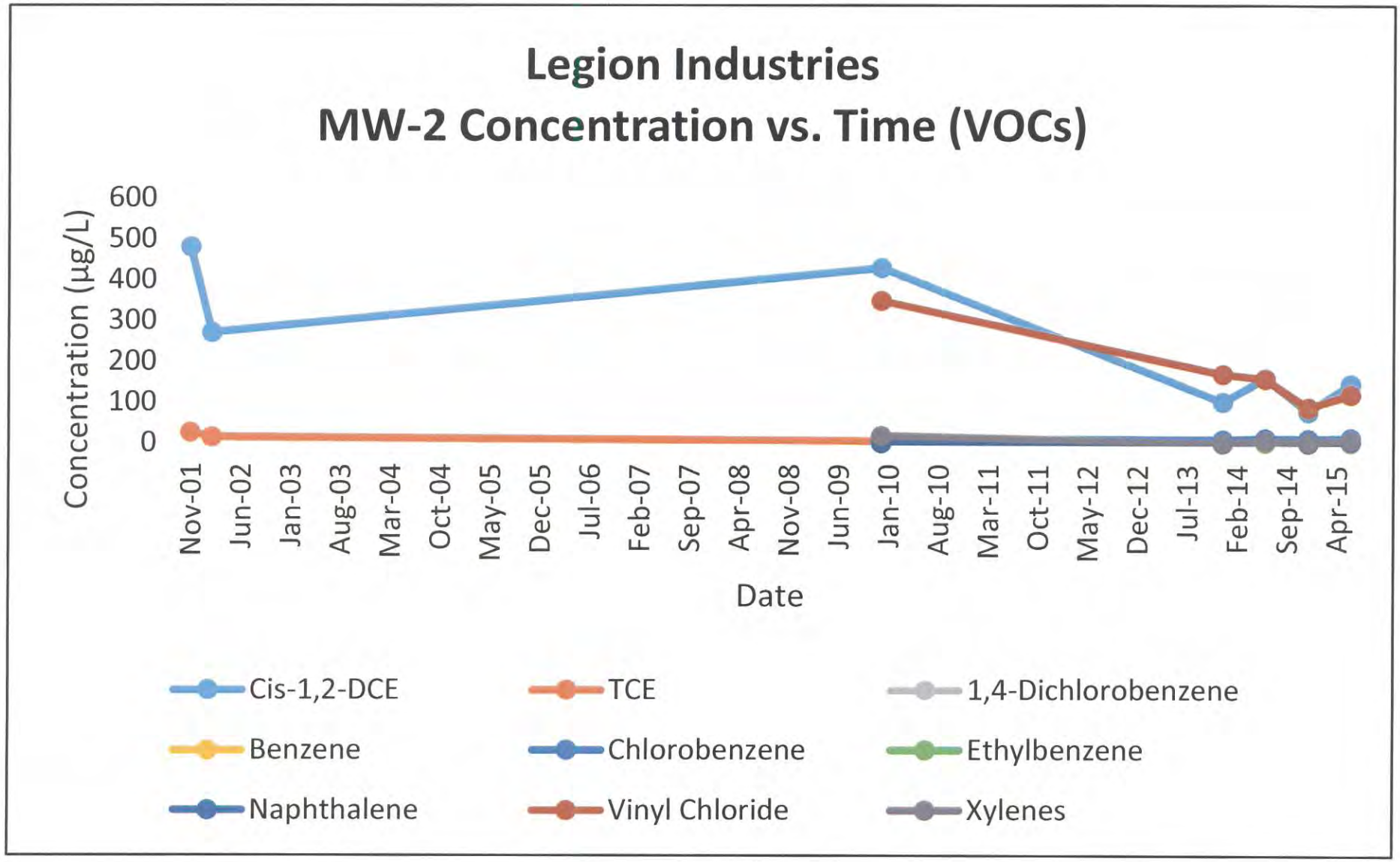
VINYL CHLORIDE ISOPLETH MAP
INTERMEDIATE AQUIFER

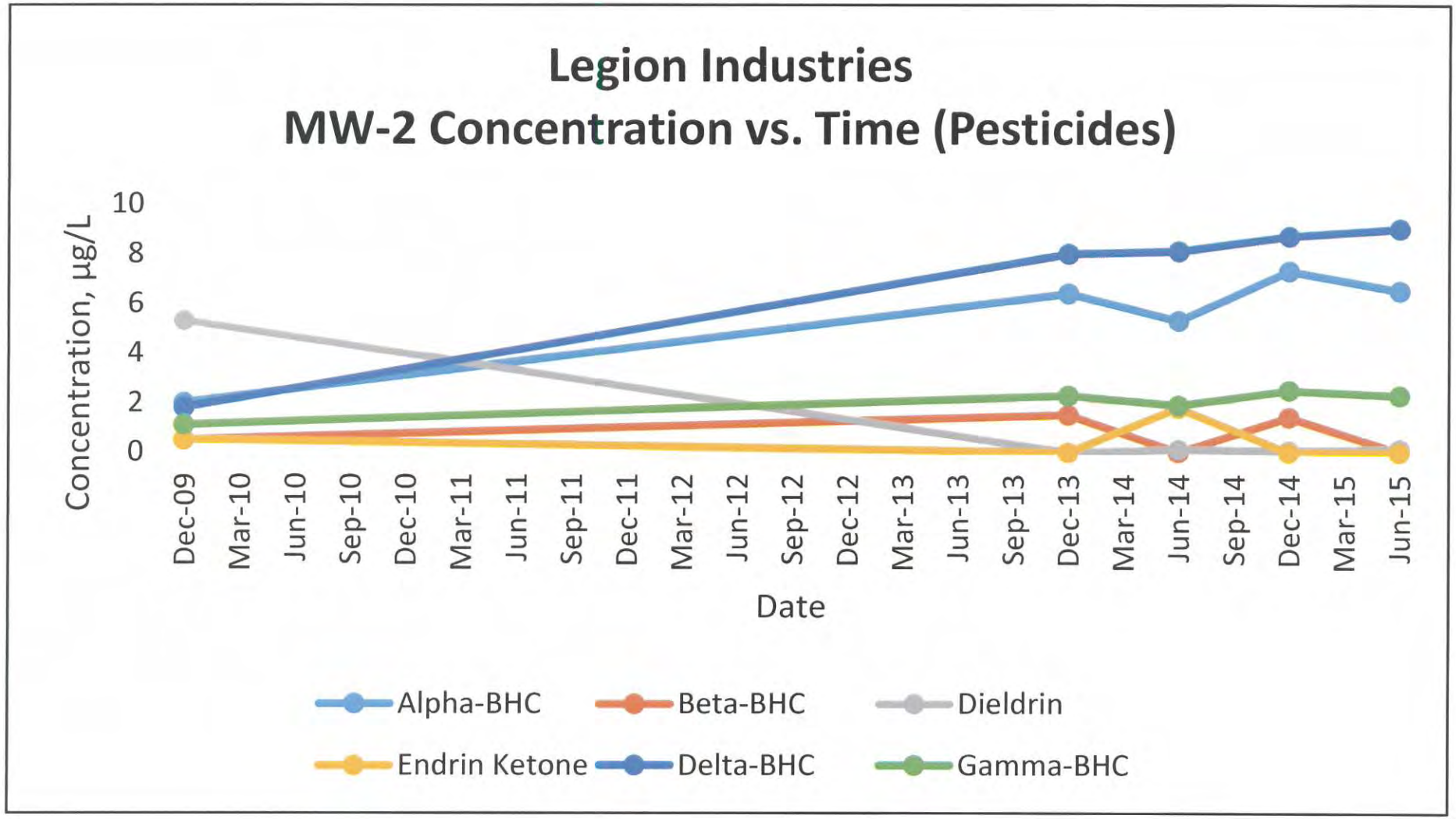
JOB NO. 6121-09-0444 FIGURE F6

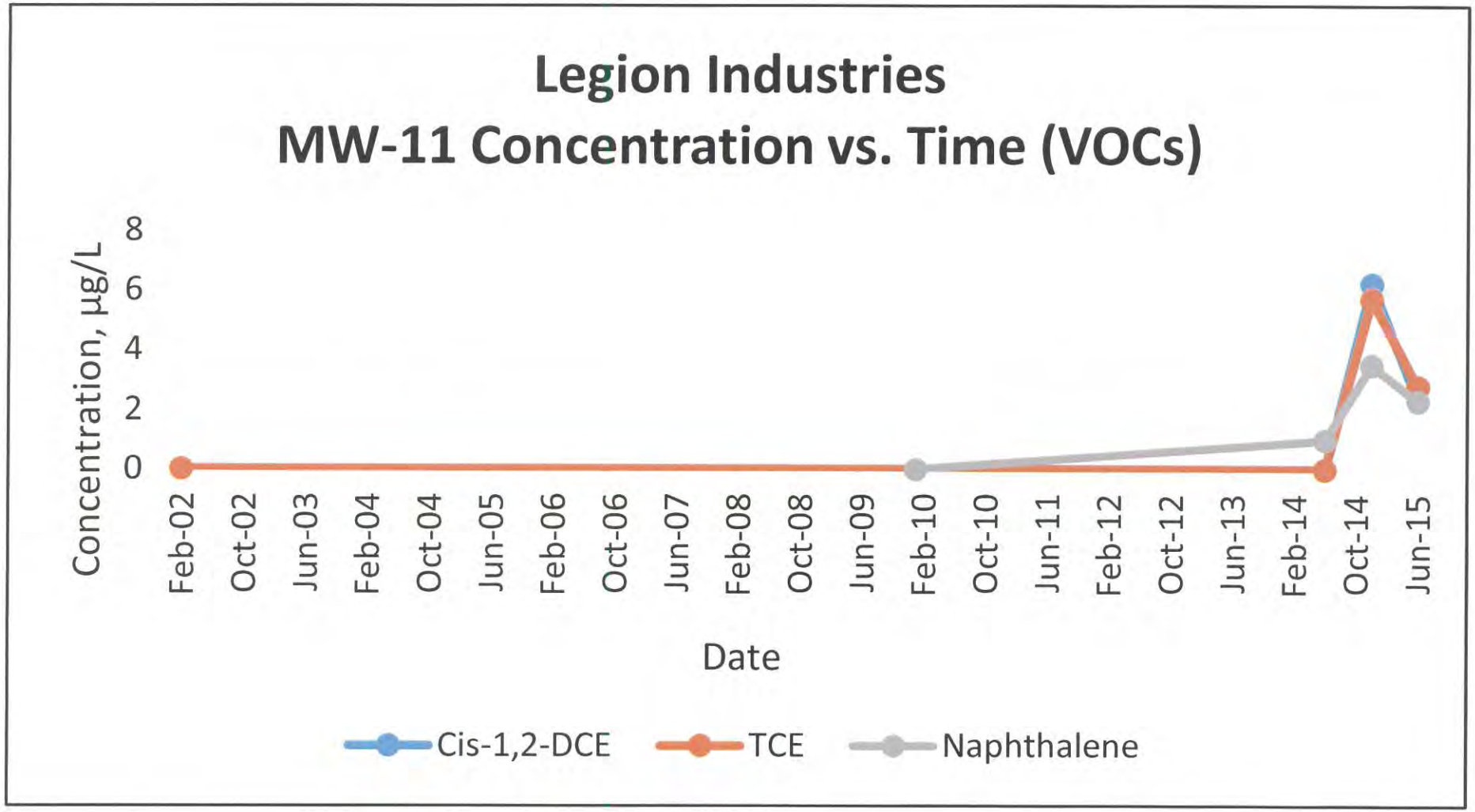
PREPARED BY/DATE TG 10/15/2015 CHECKED BY/DATE SRF 10/15/2015

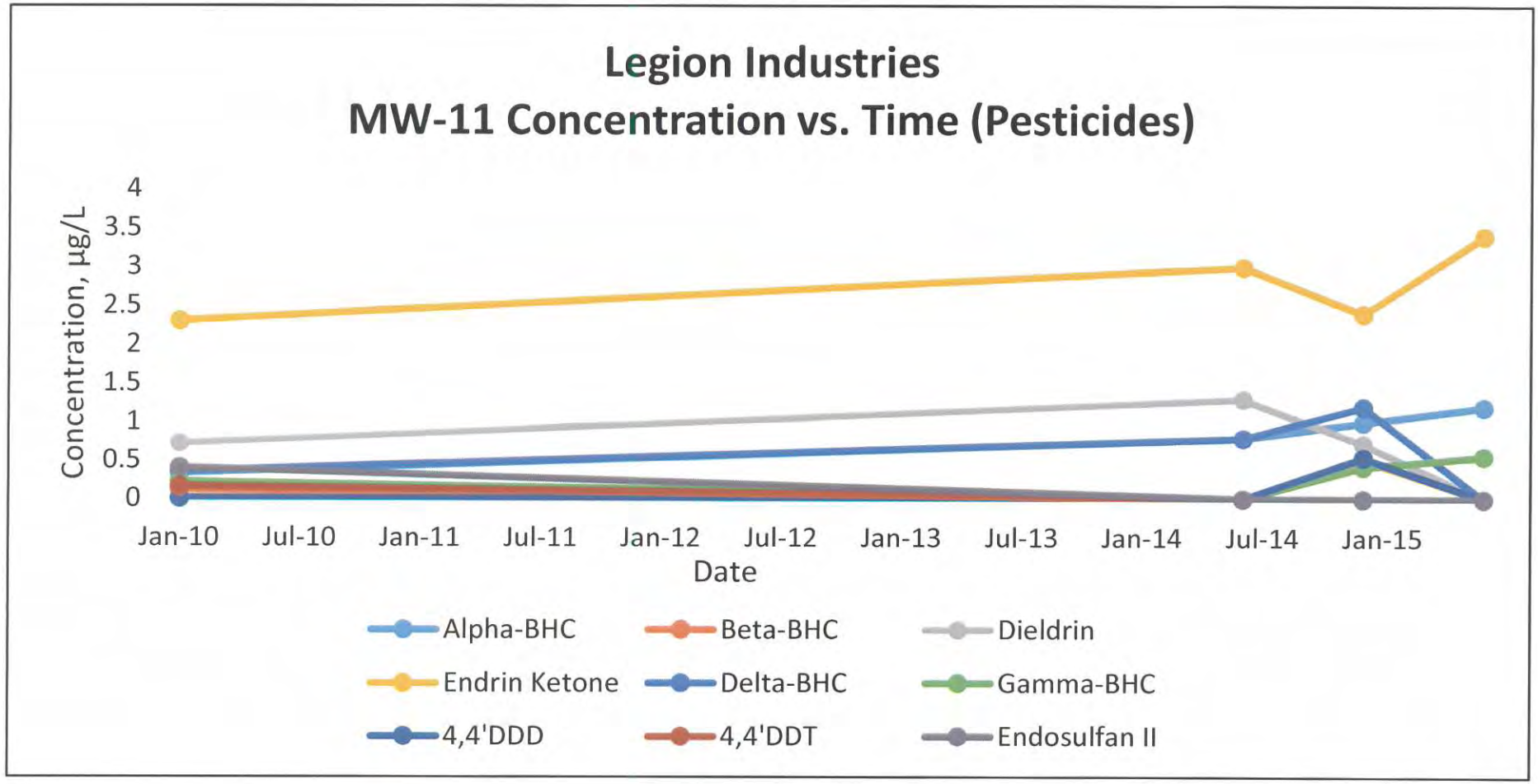

Legion Industries
MW-1 Concentration Vs. Time (VOCs)
Concentration, µg/L
1000
900
800
700
600
500
400
300
200
100
0
Apr-01
Dec-01
Aug-02
Apr-03
Dec-03
Aug-04
Apr-05
Dec-05
Aug-06
Apr-07
Dec-07
Aug-08
Apr-09
Dec-09
Aug-10
Apr-11
Dec-11
Aug-12
Apr-13
Dec-13
Aug-14
Apr-15
Date
Cis-1,2-DCE
TCE

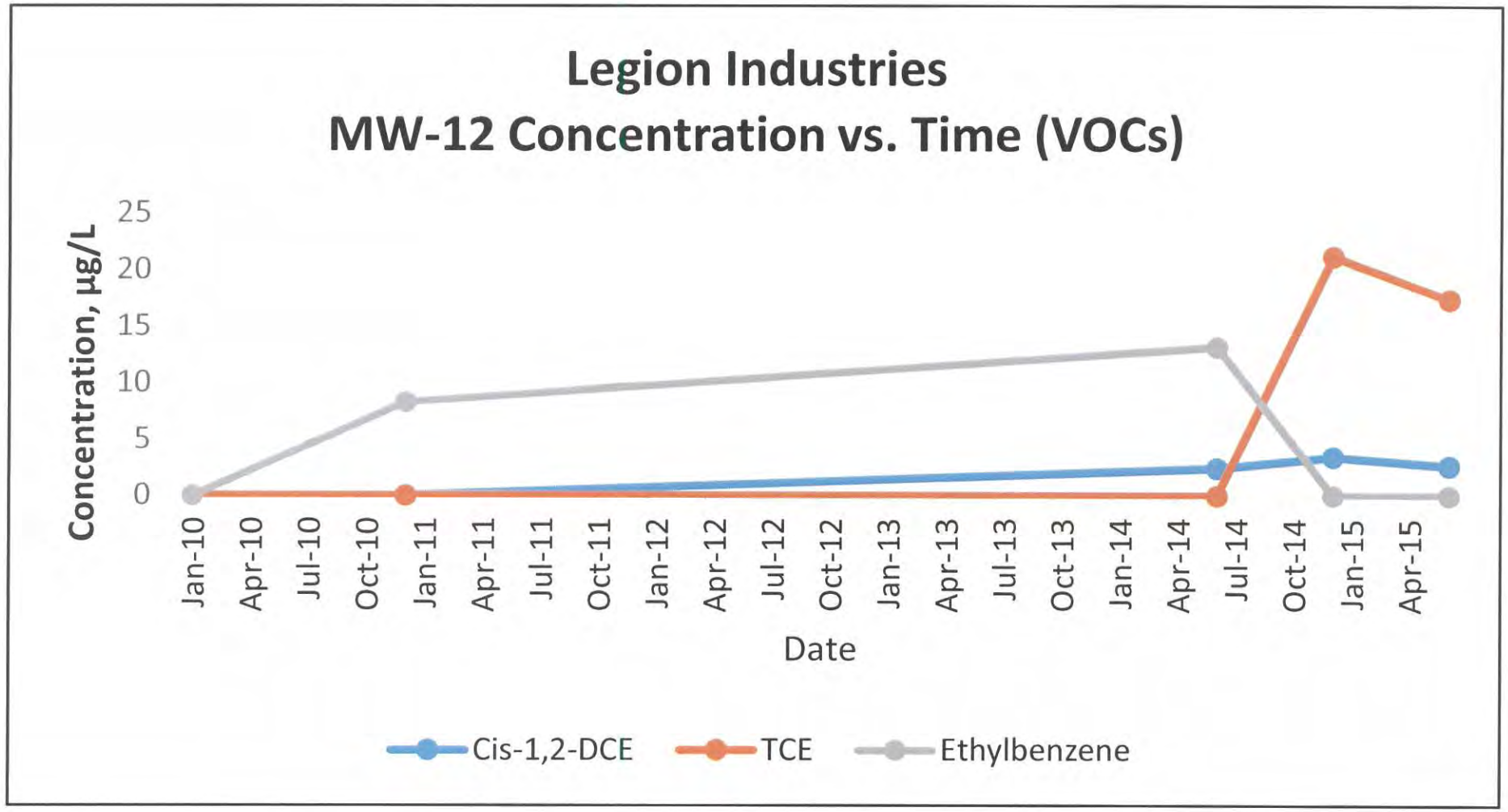

Legion Industries
MW-1 Concentration vs. Time (Pesticides)
Concentration, µg/L
0.3
0.25
0.2
0.15
0.1
0.05
0
Apr-01
Dec-01
Aug-02
Apr-03
Dec-03
Aug-04
Apr-05
Dec-05
Aug-06
Apr-07
Dec-07
Aug-08
Apr-09
Dec-09
Aug-10
Apr-11
Dec-11
Aug-12
Apr-13
Dec-13
Aug-14
Apr-15
Date
Alpha-BHC
Beta-BHC
Dieldrin
Endrin Ketone

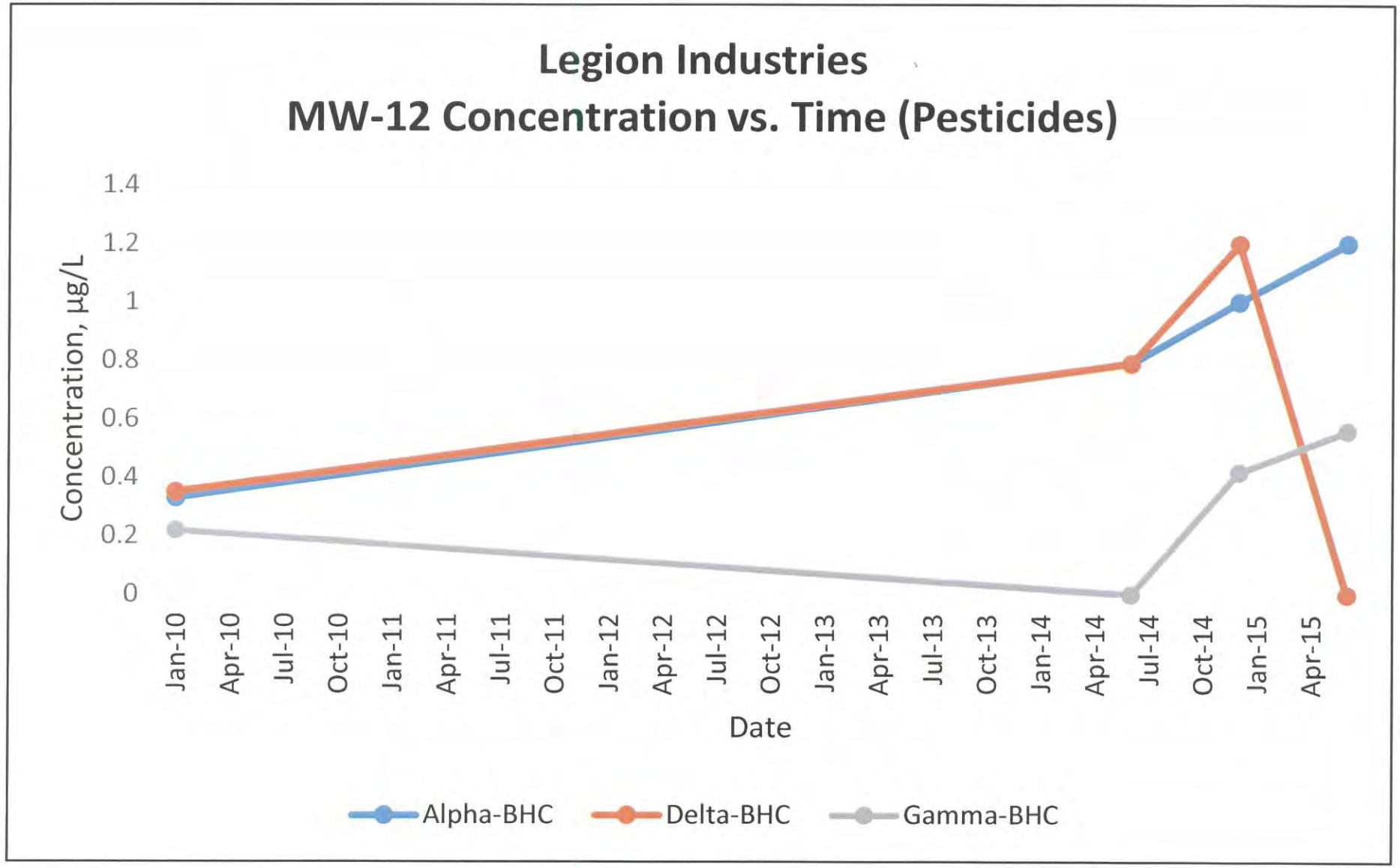

Legion Industries
MW-2 Concentration vs. Time (VOCs)
Concentration (µg/L)
600
500
400
300
200
100
0
Nov-01
Jun-02
Jan-03
Aug-03
Mar-04
Oct-04
May-05
Dec-05
Jul-06
Feb-07
Sep-07
Apr-08
Nov-08
Jun-09
Jan-10
Aug-10
Mar-11
Oct-11
May-12
Dec-12
Jul-13
Feb-14
Sep-14
Apr-15
Date
Cis-1,2-DCE
TCE
1,4-Dichlorobenzene
Benzene
Chlorobenzene
Ethylbenzene
Naphthalene
Vinyl Chloride
Xylenes

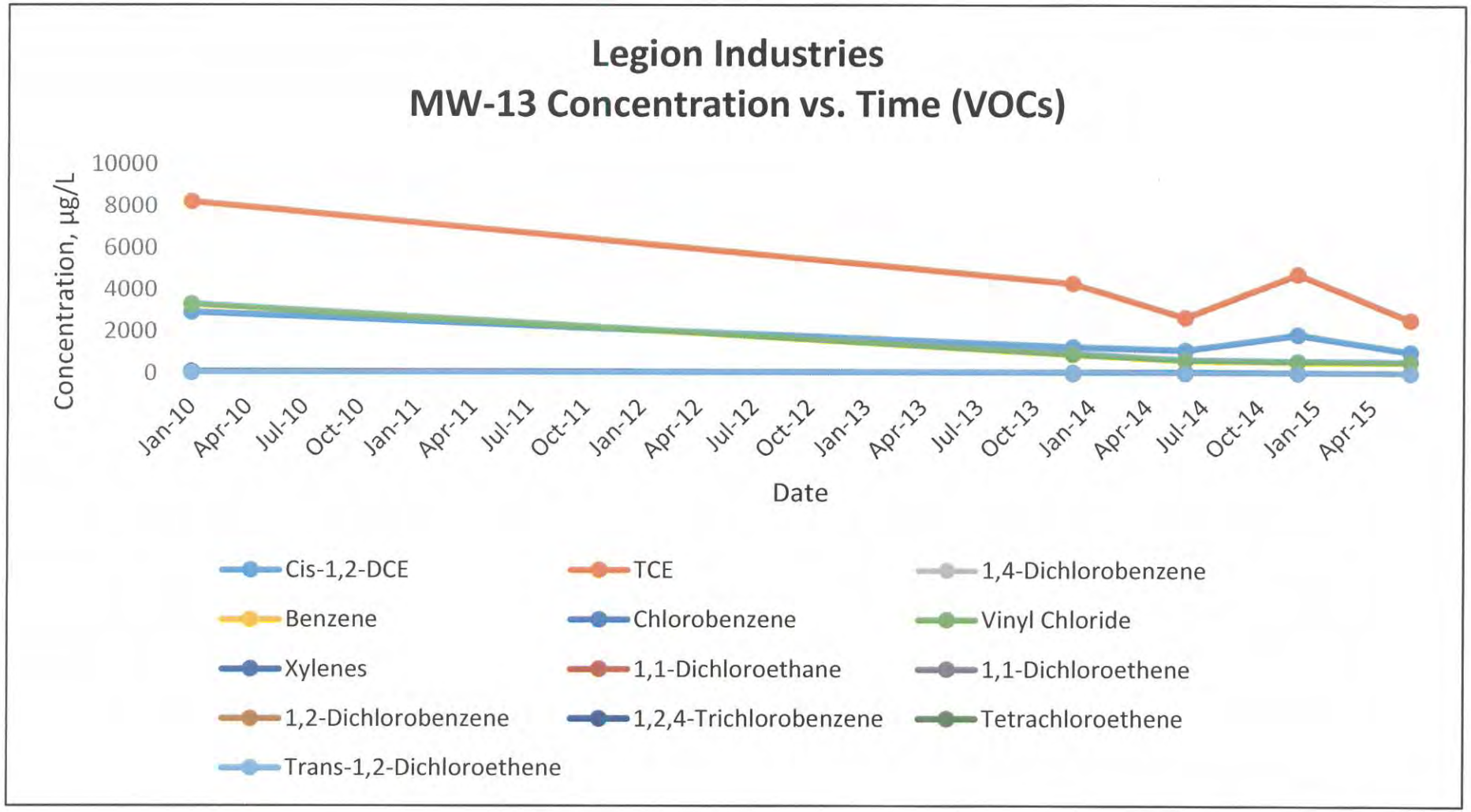

Legion Industries
MW-2 Concentration vs. Time (Pesticides)
Concentration, µg/L
10
8
6
4
2
0
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Sep-13
Dec-13
Mar-14
Jun-14
Sep-14
Dec-14
Mar-15
Jun-15
Date
Alpha-BHC
Beta-BHC
Dieldrin
Endrin Ketone
Delta-BHC
Gamma-BHC

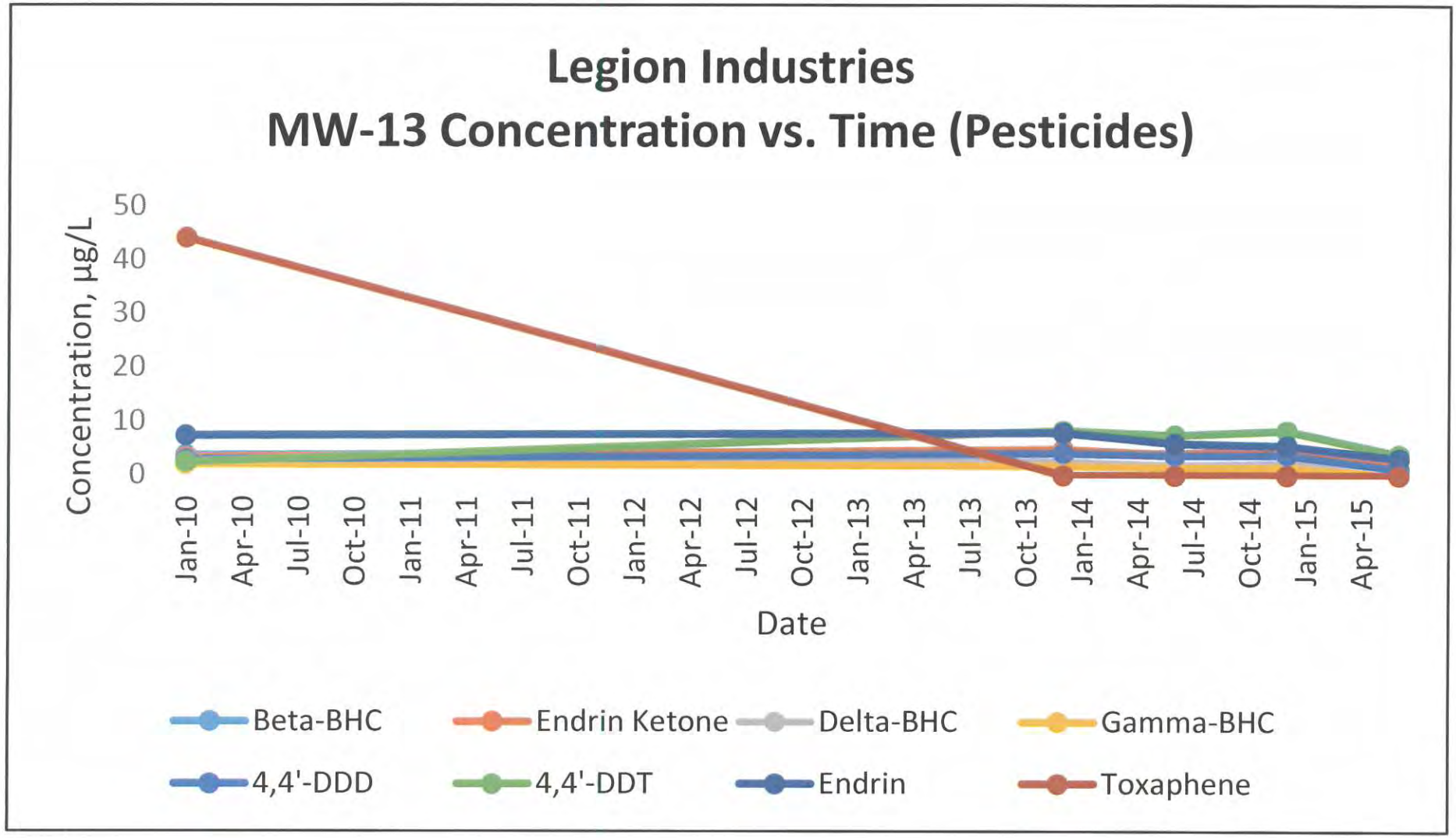

Legion Industries
MW-11 Concentration vs. Time (VOCs)
Concentration, µg/L
8
6
4
2
0
Feb-02
Oct-02
Jun-03
Feb-04
Oct-04
Jun-05
Feb-06
Oct-06
Jun-07
Feb-08
Oct-08
Jun-09
Feb-10
Oct-10
Jun-11
Feb-12
Oct-12
Jun-13
Feb-14
Oct-14
Jun-15
Date
Cis-1,2-DCE
TCE
Naphthalene

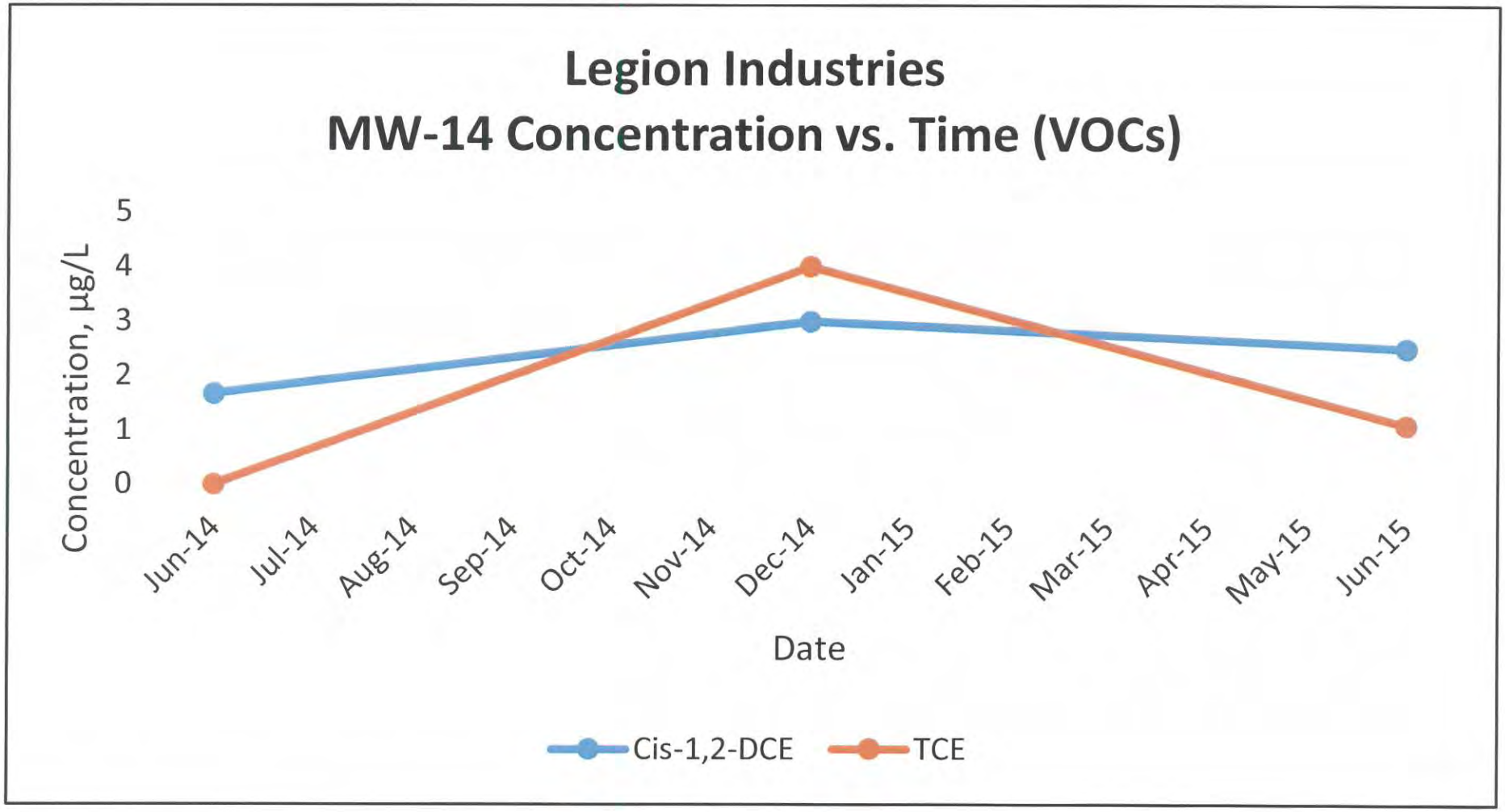

Legion Industries
MW-11 Concentration vs. Time (Pesticides)
Concentration, µg/L
4
3.5
3
2.5
2
1.5
1
0.5
0
Jan-10
Jul-10
Jan-11
Jul-11
Jan-12
Jul-12
Jan-13
Jul-13
Jan-14
Jul-14
Jan-15
Date
Alpha-BHC
Beta-BHC
Dieldrin
Endrin Ketone
Delta-BHC
Gamma-BHC
4,4'DDD
4,4'DDT
Endosulfan II

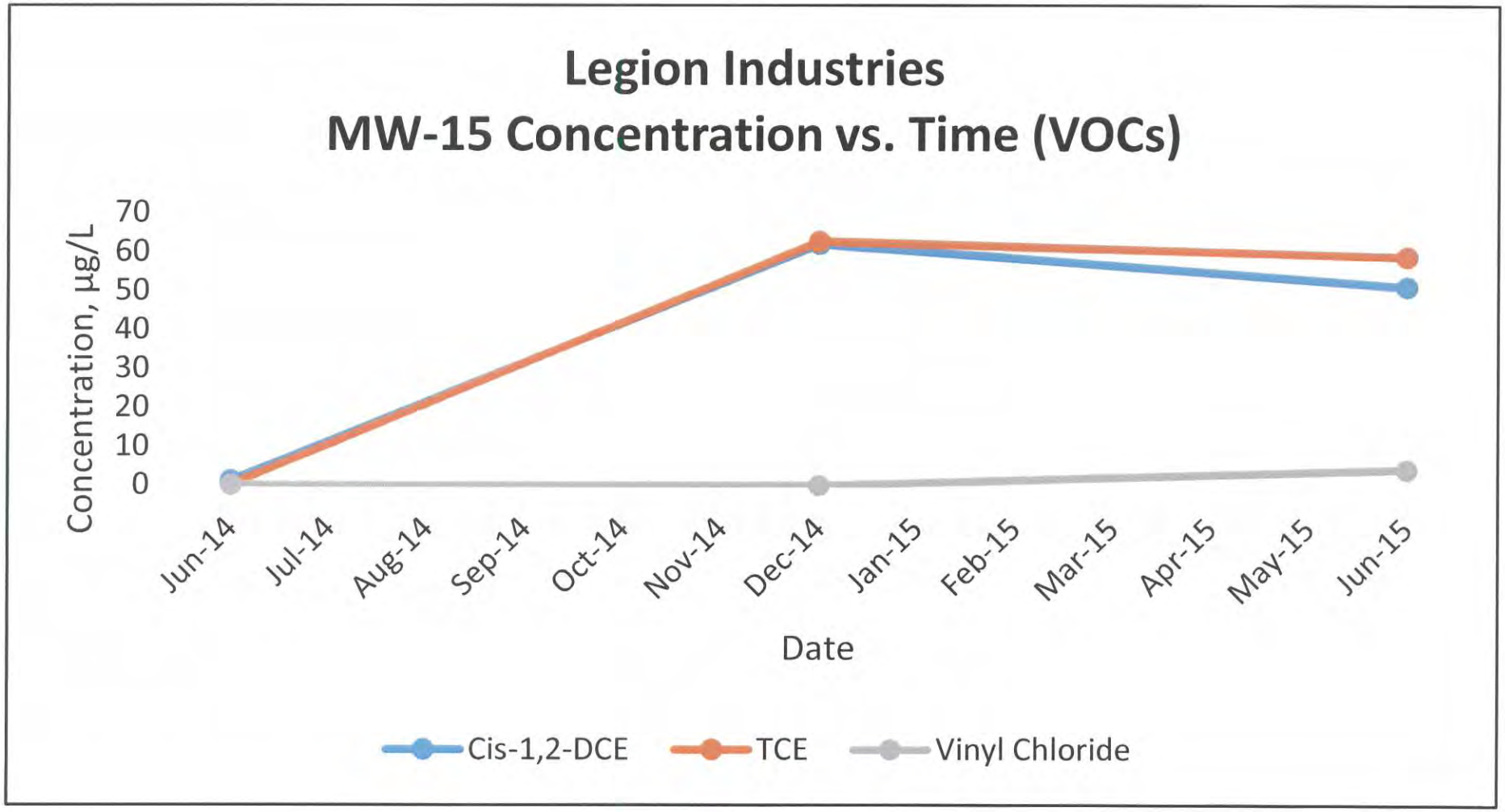

Legion Industries
MW-12 Concentration vs. Time (VOCs)
Concentration, µg/L
25
20
15
10
5
0
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
Oct-11
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13
Jul-13
Oct-13
Jan-14
Apr-14
Jul-14
Oct-14
Jan-15
Apr-15
Date
Cis-1,2-DCE
TCE
Ethylbenzene

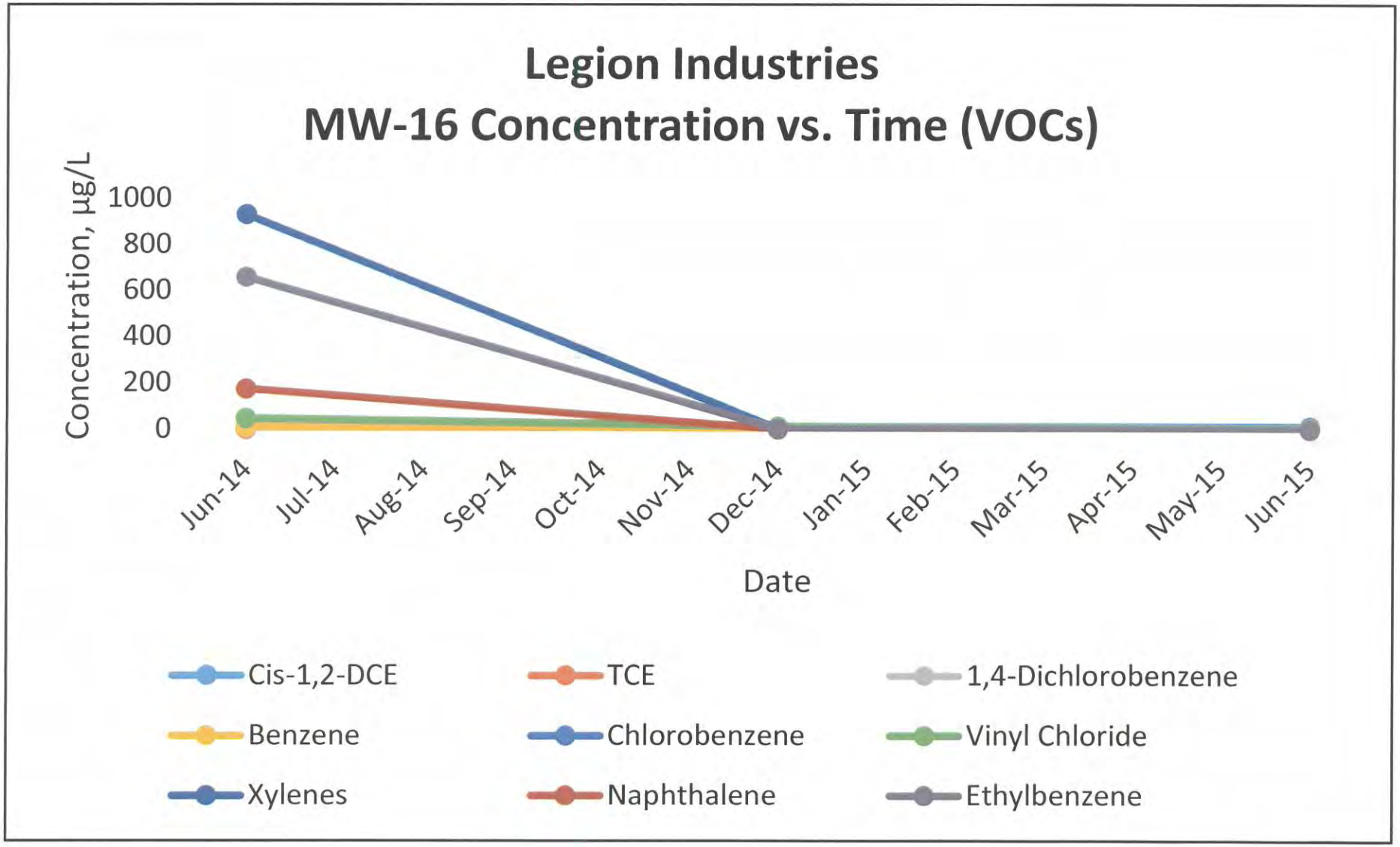

Legion Industries
MW-12 Concentration vs. Time (Pesticides)
Concentration, µg/L
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
Oct-11
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13
Jul-13
Oct-13
Jan-14
Apr-14
Jul-14
Oct-14
Jan-15
Apr-15
Date
Alpha-BHC
Delta-BHC
Gamma-BHC

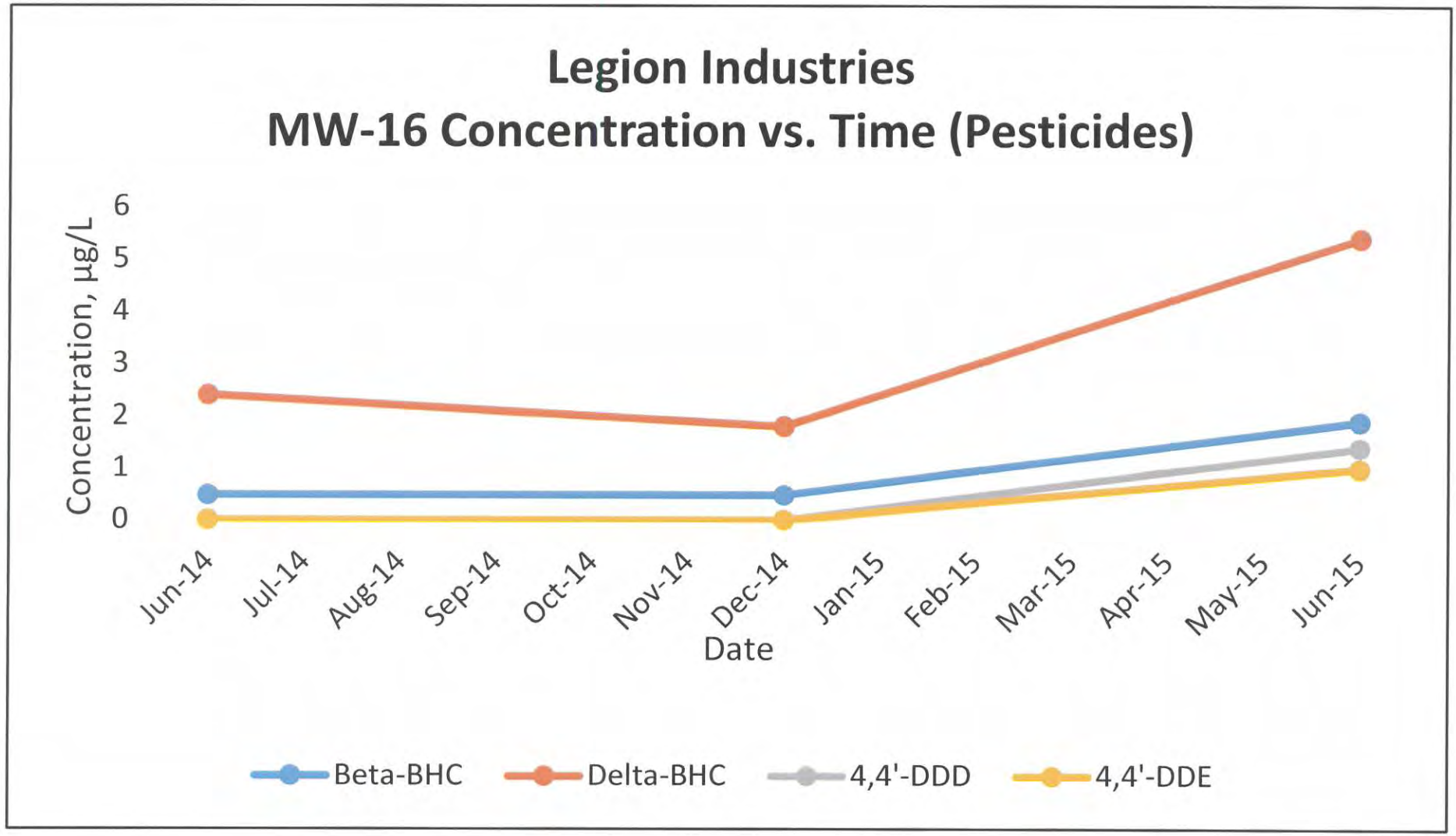

Legion Industries
MW-13 Concentration vs. Time (VOCs)
Concentration, µg/L
10000
8000
6000
4000
2000
0
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
Oct-11
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13
Jul-13
Oct-13
Jan-14
Apr-14
Jul-14
Oct-14
Jan-15
Apr-15
Date
Cis-1,2-DCE
TCE
1,4-Dichlorobenzene
Benzene
Chlorobenzene
Vinyl Chloride
Xylenes
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichlorobenzene
1,2,4-Trichlorobenzene
Tetrachloroethene
Trans-1,2-Dichloroethene

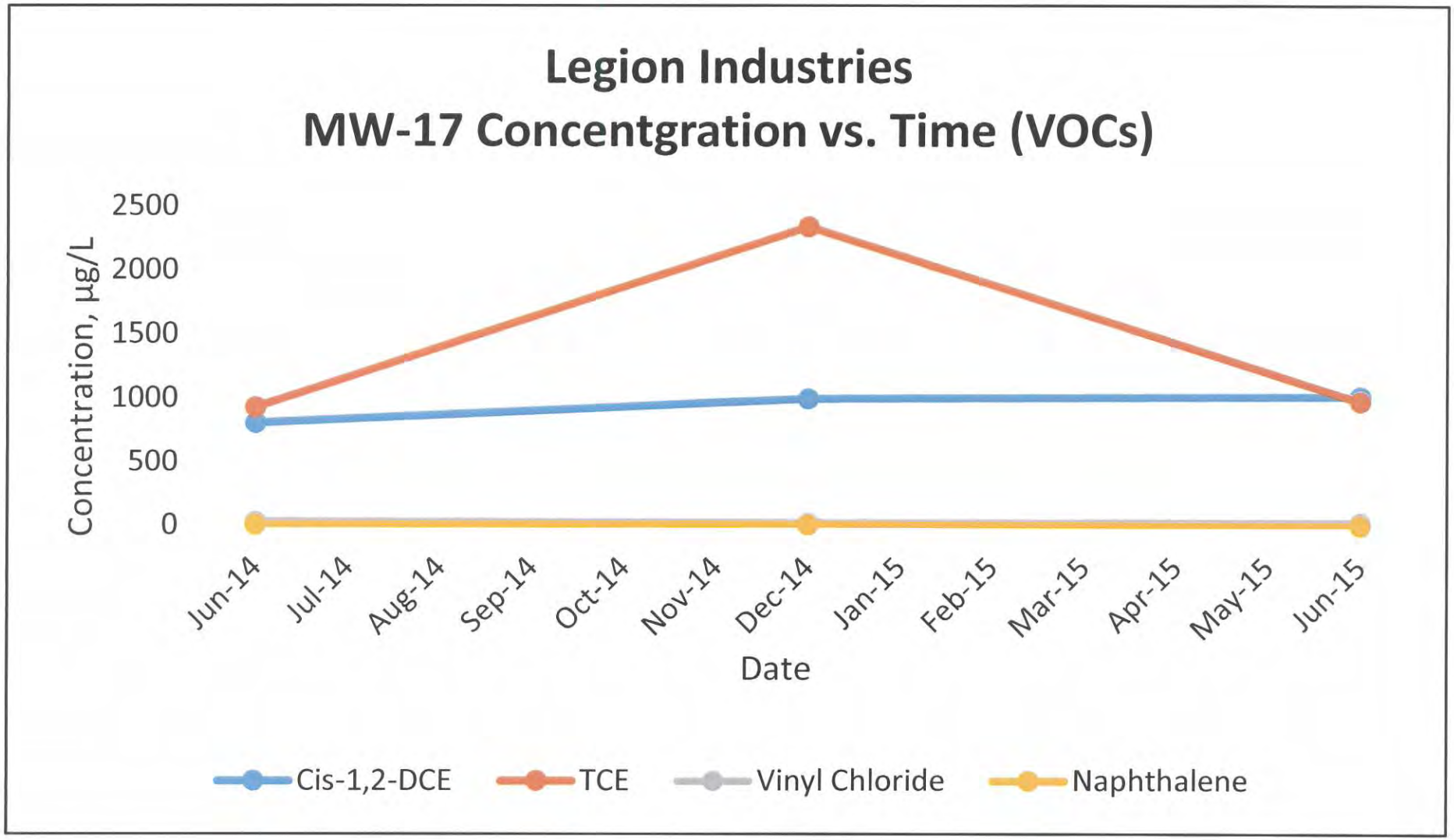

Legion Industries
MW-13 Concentration vs. Time (Pesticides)
Concentration, µg/L
50
40
30
20
10
0
Jan-10
Apr-10
Jul-10
Oct-10
Jan-11
Apr-11
Jul-11
Oct-11
Jan-12
Apr-12
Jul-12
Oct-12
Jan-13
Apr-13
Jul-13
Oct-13
Jan-14
Apr-14
Jul-14
Oct-14
Jan-15
Apr-15
Date
Beta-BHC
Endrin Ketone
Delta-BHC
Gamma-BHC
4,4'-DDD
4,4'-DDT
Endrin
Toxaphene

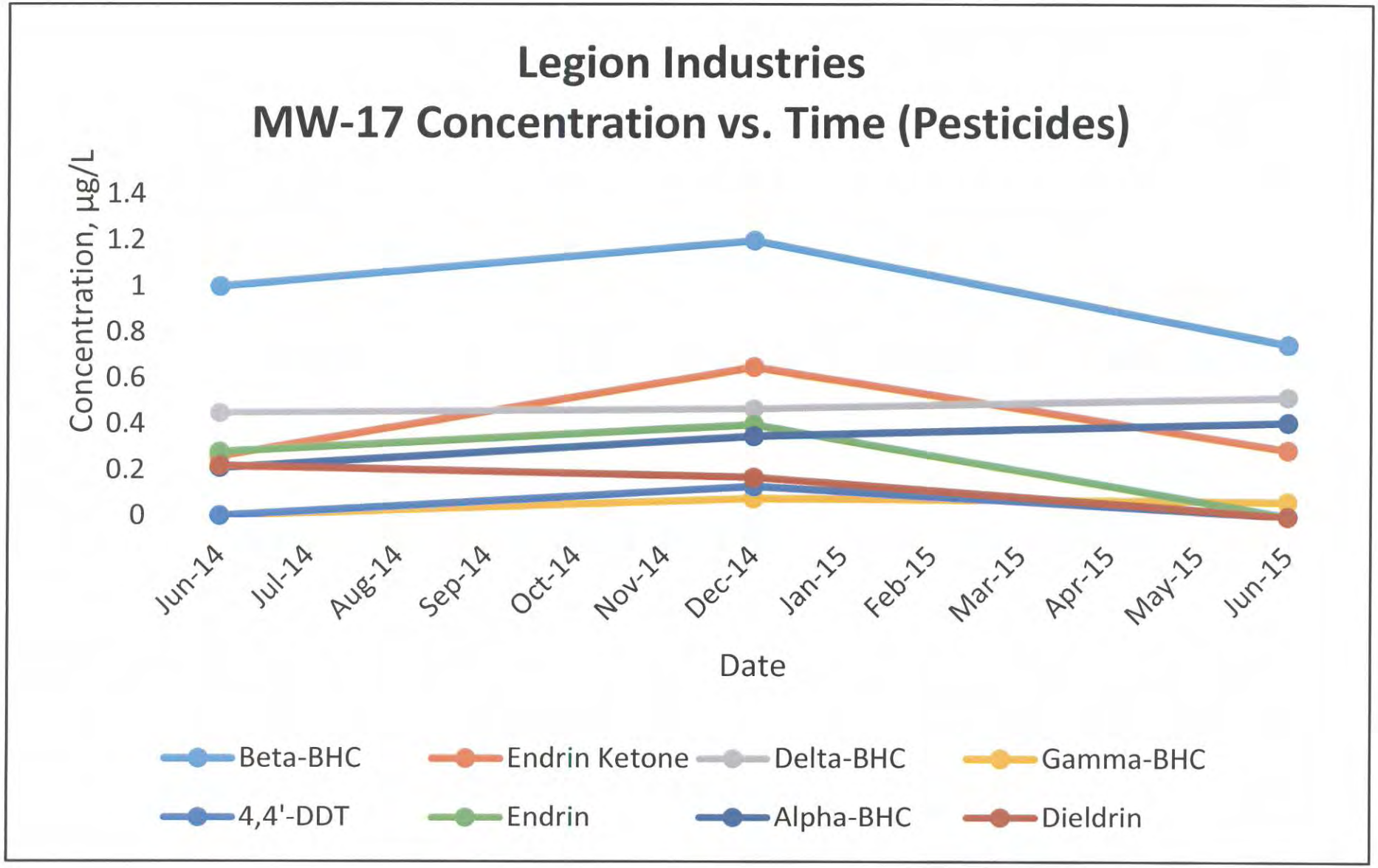

Legion Industries
MW-14 Concentration vs. Time (VOCs)
Concentration, µg/L
5
4
3
2
1
0
Jun-14
Jul-14
Aug-14
Sep-14
Oct-14
Nov-14
Dec-14
Jan-15
Feb-15
Mar-15
Apr-15
May-15
Jun-15
Date
Cis-1,2-DCE
TCE

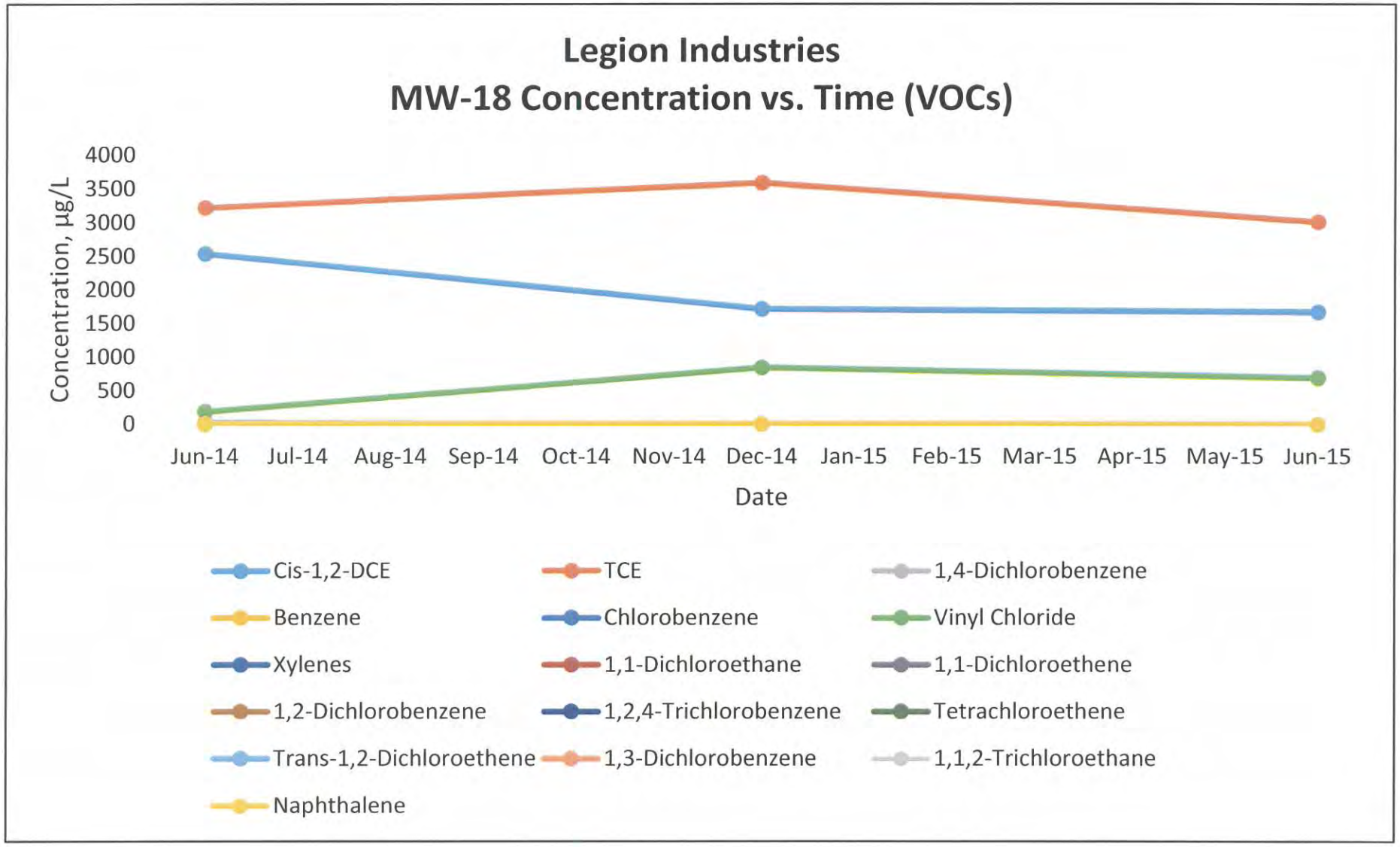

Legion Industries
MW-15 Concentration vs. Time (VOCs)
Concentration, µg/L
70
60
50
40
30
20
10
0
Jun-14
Jul-14
Aug-14
Sep-14
Oct-14
Nov-14
Dec-14
Jan-15
Feb-15
Mar-15
Apr-15
May-15
Jun-15
Date
Cis-1,2-DCE
TCE
Vinyl Chloride

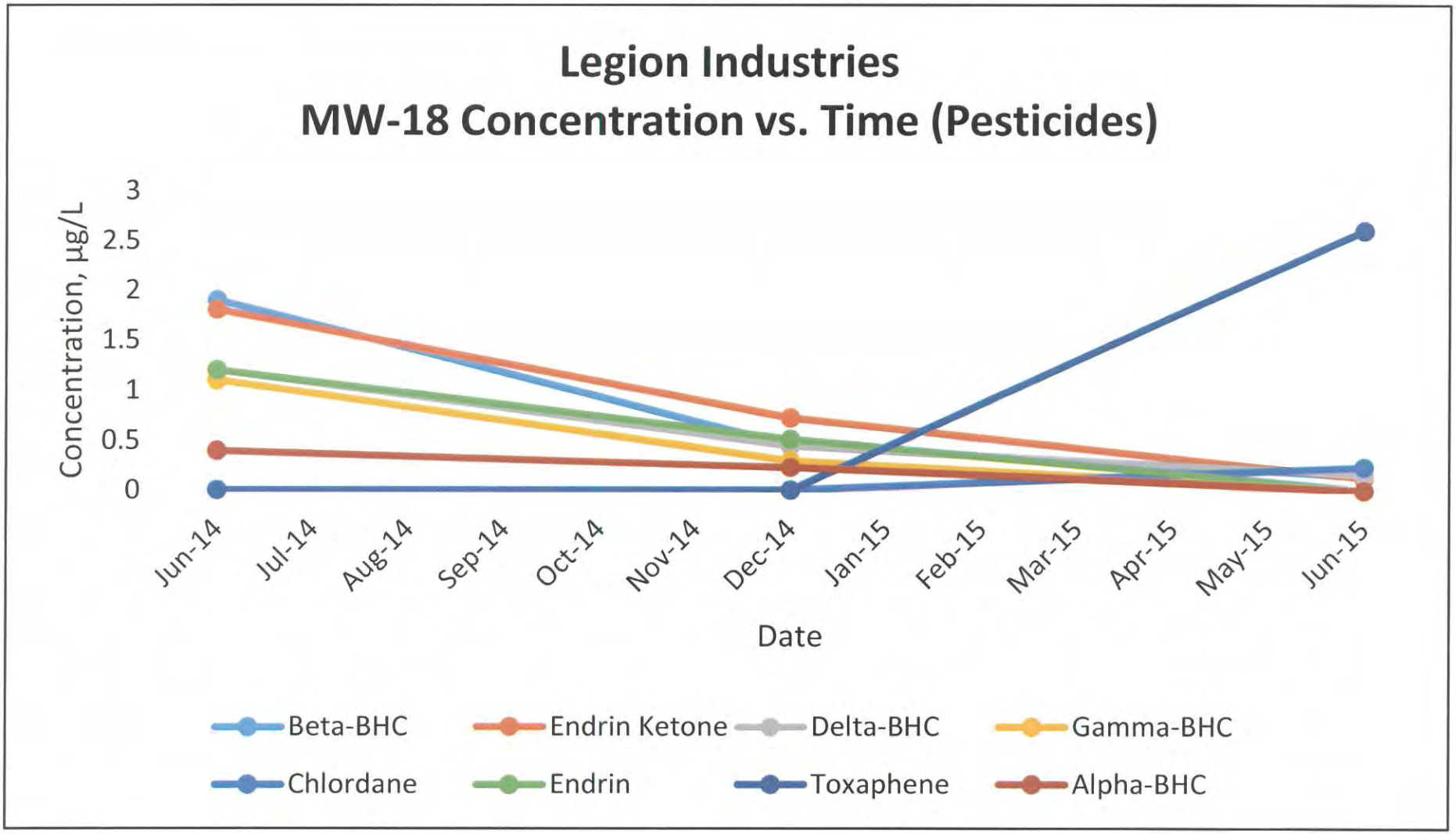

Legion Industries
MW-16 Concentration vs. Time (VOCs)
Concentration, µg/L
1000
800
600
400
200
0
Jun-14
Jul-14
Aug-14
Sep-14
Oct-14
Nov-14
Dec-14
Jan-15
Feb-15
Mar-15
Apr-15
May-15
Jun-15
Date
Cis-1,2-DCE
TCE
1,4-Dichlorobenzene
Benzene
Chlorobenzene
Vinyl Chloride
Xylenes
Naphthalene
Ethylbenzene

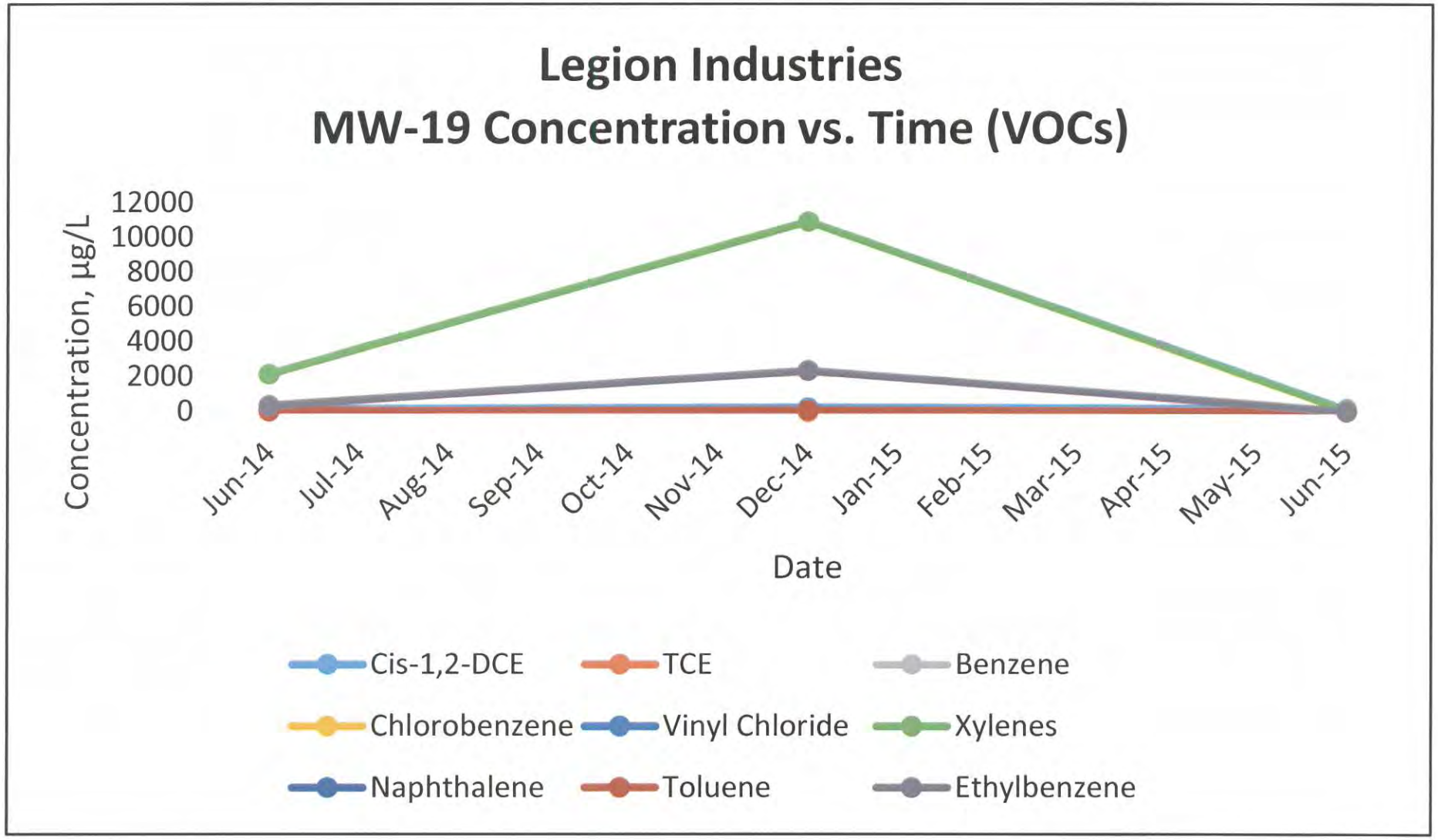

Legion Industries
MW-16 Concentration vs. Time (Pesticides)
Concentration, µg/L
6
5
4
3
2
1
0
Jun-14
Jul-14
Aug-14
Sep-14
Oct-14
Nov-14
Dec-14
Jan-15
Feb-15
Mar-15
Apr-15
May-15
Jun-15
Date
Beta-BHC
Delta-BHC
4,4'-DDD
4,4'-DDE

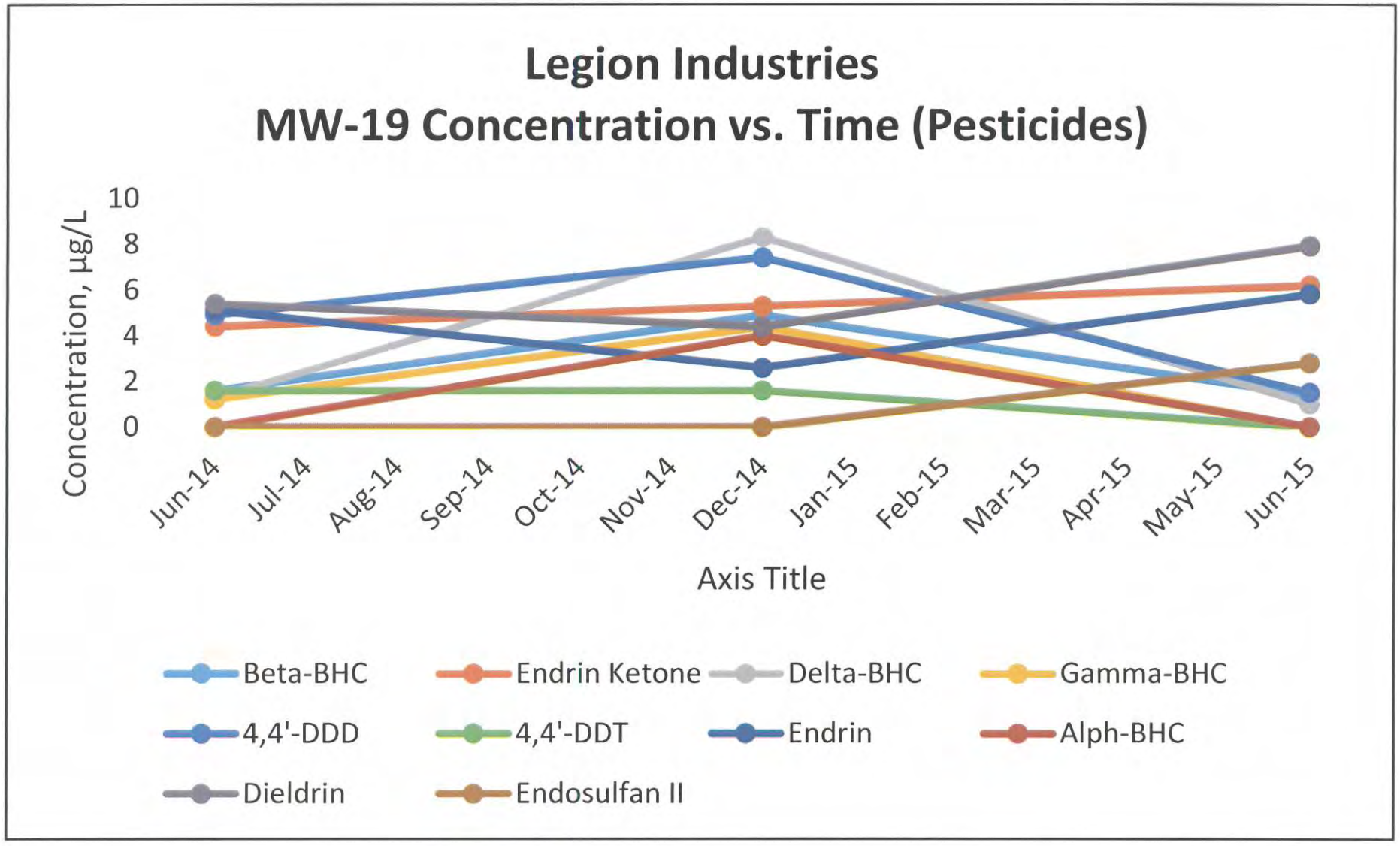

Legion Industries
MW-17 Concentgration vs. Time (VOCs)
Concentration, µg/L
2500
2000
1500
1000
500
0
Jun-14
Jul-14
Aug-14
Sep-14
Oct-14
Nov-14
Dec-14
Jan-15
Feb-15
Mar-15
Apr-15
May-15
Jun-15
Date
Cis-1,2-DCE
TCE
Vinyl Chloride
Naphthalene

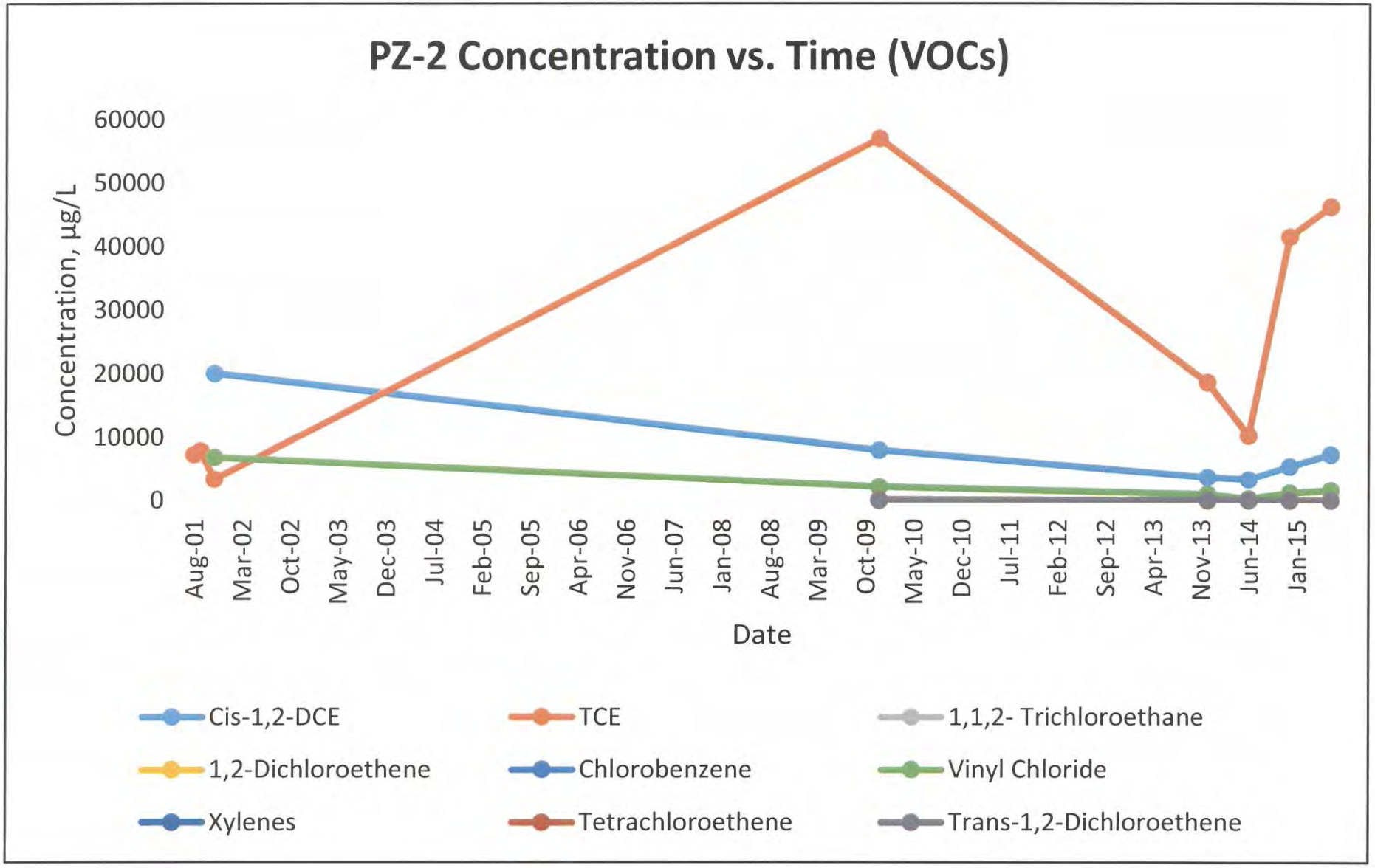

Legion Industries
MW-17 Concentration vs. Time (Pesticides)
Concentration, µg/L
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Jun-14
Jul-14
Aug-14
Sep-14
Oct-14
Nov-14
Dec-14
Jan-15
Feb-15
Mar-15
Apr-15
May-15
Jun-15
Date
Beta-BHC
Endrin Ketone
Delta-BHC
Gamma-BHC
4,4'-DDT
Endrin
Alpha-BHC
Dieldrin

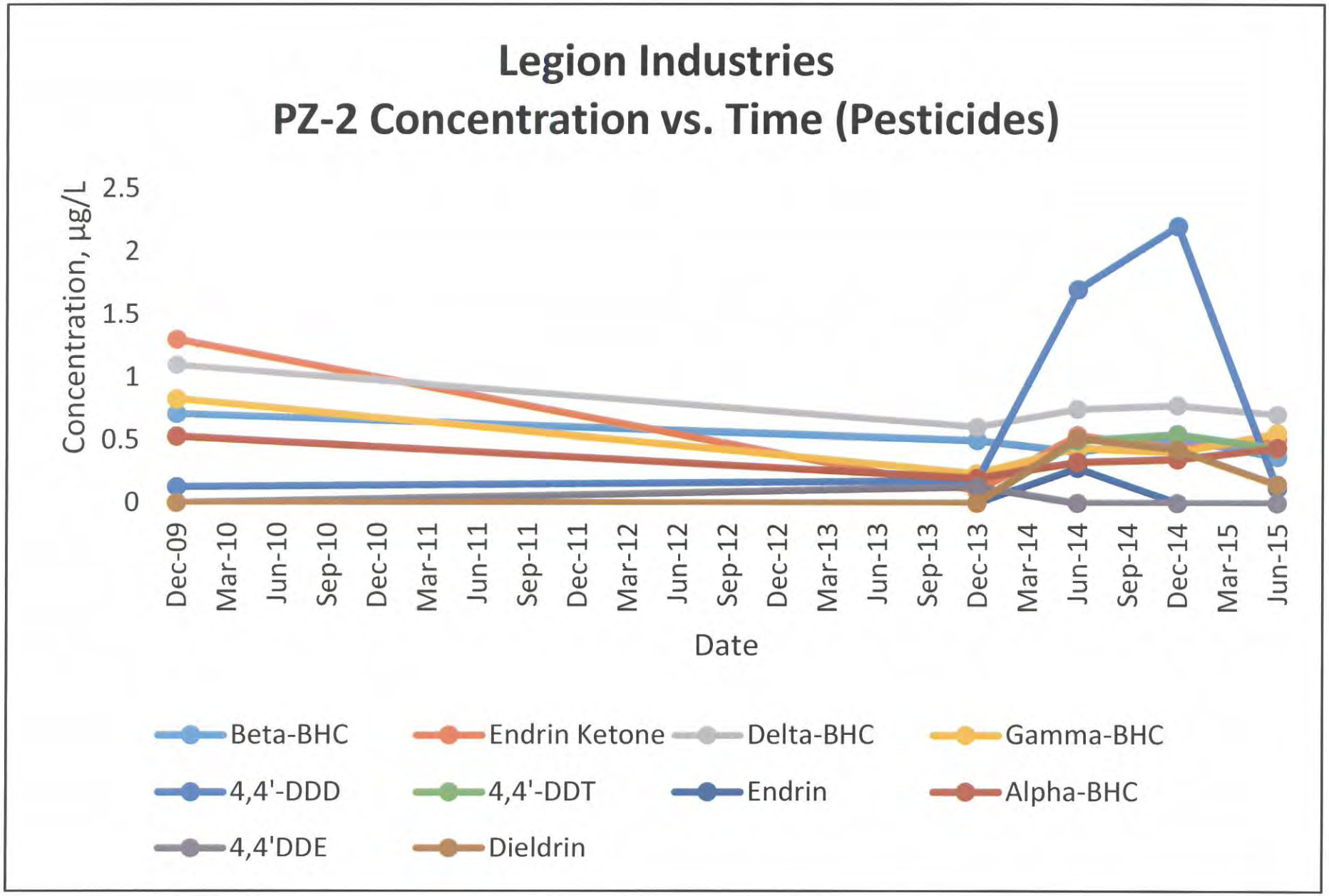

Legion Industries
MW-18 Concentration vs. Time (VOCs)
Concentration, µg/L
4000
3500
3000
2500
2000
1500
1000
500
0
Jun-14
Jul-14
Aug-14
Sep-14
Oct-14
Nov-14
Dec-14
Jan-15
Feb-15
Mar-15
Apr-15
May-15
Jun-15
Date
Cis-1,2-DCE
TCE
1,4-Dichlorobenzene
Benzene
Chlorobenzene
Vinyl Chloride
Xylenes
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichlorobenzene
1,2,4-Trichlorobenzene
Tetrachloroethene
Trans-1,2-Dichloroethene
1,3-Dichlorobenzene
1,1,2-Trichloroethane
Naphthalene


Legion Industries
MW-18 Concentration vs. Time (Pesticides)
Concentration, µg/L
3
2.5
2
1.5
1
0.5
0
Jun-14
Jul-14
Aug-14
Sep-14
Oct-14
Nov-14
Dec-14
Jan-15
Feb-15
Mar-15
Apr-15
May-15
Jun-15
Date
Beta-BHC
Endrin Ketone
Delta-BHC
Gamma-BHC
Chlordane
Endrin
Toxaphene
Alpha-BHC


Legion Industries
MW-19 Concentration vs. Time (VOCs)
Concentration, µg/L
12000
10000
8000
6000
4000
2000
0
Jun-14
Jul-14
Aug-14
Sep-14
Oct-14
Nov-14
Dec-14
Jan-15
Feb-15
Mar-15
Apr-15
May-15
Jun-15
Date
Cis-1,2-DCE
TCE
Benzene
Chlorobenzene
Vinyl Chloride
Xylenes
Naphthalene
Toluene
Ethylbenzene


Legion Industries
MW-19 Concentration vs. Time (Pesticides)
Concentration, µg/L
10
8
6
4
2
0
Jun-14
Jul-14
Aug-14
Sep-14
Oct-14
Nov-14
Dec-14
Jan-15
Feb-15
Mar-15
Apr-15
May-15
Jun-15
Axis Title
Beta-BHC
Endrin Ketone
Delta-BHC
Gamma-BHC
4,4'-DDD
4,4'-DDT
Endrin
Alph-BHC
Dieldrin
Endosulfan II


PZ-2 Concentration vs. Time (VOCs)
Concentration, µg/L
60000
50000
40000
30000
20000
10000
0
Aug-01
Mar-02
Oct-02
May-03
Dec-03
Jul-04
Feb-05
Sep-05
Apr-06
Nov-06
Jun-07
Jan-08
Aug-08
Mar-09
Oct-09
May-10
Dec-10
Jul-11
Feb-12
Sep-12
Apr-13
Nov-13
Jun-14
Jan-15
Date
Cis-1,2-DCE
TCE
1,1,2- Trichloroethane
1,2-Dichloroethene
Chlorobenzene
Vinyl Chloride
Xylenes
Tetrachloroethene
Trans-1,2-Dichloroethene


Legion Industries
PZ-2 Concentration vs. Time (Pesticides)
Concentration, µg/L
2.5
2
1.5
1
0.5
0
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
Jun-11
Sep-11
Dec-11
Mar-12
Jun-12
Sep-12
Dec-12
Mar-13
Jun-13
Sep-13
Dec-13
Mar-14
Jun-14
Sep-14
Dec-14
Mar-15
Jun-15
Date
Beta-BHC
Endrin Ketone
Delta-BHC
Gamma-BHC
4,4'-DDD
4,4'-DDT
Endrin
Alpha-BHC
4,4'DDE
Dieldrin

APPENDIX G

VAPOR INTRUSION MODELING

Table 1a

Comparison of Maximum Detected Groundwater Concentrations[(a)] to Target Groundwater Concentrations Protective of Indoor Air for Commercial Land Use

(TCR = 10^{-5}; THQ = 1)

Legion Industries, Waynesboro, GA

Constituent	MW-1 (ug/L)	MW-2 (ug/L)	MW-3 (ug/L)	MW-4 (ug/L)	MW-5 (ug/L)	MW-6 (ug/L)	MW-7 (ug/L)	Target Groundwater Concentration (TCR = 1 x 10^{-5} and THQ= 1) [(b)]
Methylene chloride	--	--	--	--	--	--	--	22,000
Naphthalene	--	10.5	--	--	--	--	--	240
Trichloroethene	**788**	2.1	1.6	7.8	--	4.2	16.9	24
Vinyl chloride	**160**	**159**	--	--	--	--	--	26
Xylenes	--	7.8	--	--	--	--	--	2,300
cis-1,2-Dichloroethene	--	160	--	5.1	--	5.3	17.4	Not Established

Constituent	MW-8 (ug/L)	MW-9 (ug/L)	MW-10 (ug/L)	MW-11 (ug/L)	MW-12 (ug/L)	MW-13 (ug/L)	MW-14 (ug/L)	Target Groundwater Concentration (TCR = 1 x 10^{-5} and THQ= 1) [(b)]
Methylene chloride	--	--	--	--	--	<100	--	22,000
Naphthalene	--	--	--	5.7	--	--	--	240
Trichloroethene	**--**	8.5	1.0	3.4	21.2	**4,770**	4.0	24
Vinyl chloride	**--**	--	--	--	--	**933**	--	26
Xylenes	--	--	--	--	--	<50	--	2,300
cis-1,2-Dichloroethene	--	2.8	--	6.2	3.4	1,850	3.0	Not Established

Constituent	MW-15 (ug/L)	MW-16 (ug/L)	MW-17 (ug/L)	MW-18 (ug/L)	MW-19 (ug/L)			Target Groundwater Concentration (TCR = 1 x 10^{-5} and THQ= 1) [(b)]
Methylene chloride	--	--	54	5.4	--			22,000
Naphthalene	--	174	6.1	3.5	63.8			240
Trichloroethene	**62.8**	5.6	**2,340**	**3,590**	**62.3**			24
Vinyl chloride	**--**	**46.9**	**33**	**838**	**113**			26
Xylenes	--	928	--	2.4	**10,900**			2,300
cis-1,2-Dichloroethene	62	2.5	1,010	2,530	205			Not Established

Notes:

(a) Maximum detected concentration from last 4 groundwater sampling events (December 2013 to June 2015) presented on table.

(b) Target sub-slab and exterior soil gas concentration calculated using OSWER Vapor Intrusion Screening Level (VISL) Calculator Version 3.4, June 2015 RSLs. Commercial land use, target risk of 10^{-5} and Hazard Index of 1. Average groundwater temperature for site used for Site (22.8 degrees C).

Entries in **BOLD** indicate a concentration identified above the target groundwater concentration.

ND = Not Detected

TCR = Total Cancer Risk

THQ = Total Hazard Quotient

ug/m^3= micrograms per cubic meter of air

Prepared By/Date: SAG 10/14/15

Checked By/Date: MKB 10/14/15

Table 1b
Screening Table for Additional Volatile Constituents Detected in Groundwater
Legion Industries, Waynesboro, GA

Parameter	Maximum Detected Concentrations, ug/L (a)	Groundwater Vapor Intrusion Screening Level, ug/L
Benzene	14.6	77
Chlordane	0.23	NVT
Chlorbenzene	65	1,900
Cumene (Isopropylbenzene)	7.3	4,400
1,2-Dichlorobenzene	12	13,000
1,4-Dichlorobenzene	50	130
1,1-Dichloroethane	19	370
1,1-Dichloroethylene	14	890
Ethylbenzene	**2330**	170
Tetrachloroethylene	130	270
Toluene	50.6	90,000
1,2,4-Trichlorobenzene	51	180
1,1,2-Trichloroethane	21	29

(a) Maximum detected concentration from last 4 groundwater sampling events (December 2013 to June 2015) presented on table.
(b) Target sub-slab and exterior soil gas concentration calculated using OSWER Vapor Intrusion Screening Level (VISL) Calculator Version 3.4, June 2015 RSLs. Commercial land use, target risk of 10^{-5} and Hazard Index of 1. Average groundwater temperature for site used for Site (22.8 degrees C).

Entries in **BOLD** indicate a concentration identified above the target groundwater concentration.
NVT = Not sufficiently volatile and/or toxic to pose inhalation risk in selected exposure scenario for the indicated medium

Prepard By/Date: LMS 10/23/15
Checked By/Date: MKB 10/26/1

Table 2
Occupational Assumptions Used in Johnson & Ettinger Model (GW-ADV)
Legion Industries Site

Parameter	Value	Justification
Average Soil/Water Temp.	22.8° C	Site specific
Depth Below Grade to Enclosed Space Floor	15 cm	Slab on grade foundation
Depth Below Grade to Groundwater /Thickness of Soil Stratum	122 cm	Site-specific
Stratum A Soil Vapor Permeability	SC	Sandy Clay; site-specific
SCS Soil Type	SC	Sandy Clay; site-specific
Soil Dry Bulk Density	1.63 g/cm^3	Sandy Clay – Model value
Soil Total Porosity	0.385 unitless	Sandy Clay – Model value
Soil Water-filled Porosity	0.197 cm^3/cm^3	Sandy Clay – Model value
Enclosed Space Floor Thickness	15 cm	Site-specific
Soil-Building Pressure Differential	40 g/cm-s^2	Model default
Enclosed Space Floor Length	991 cm	Site-specific for office space (32.5 ft)
Enclosed Space Floor Width	3658 cm	Site-specific for office space (120 ft)
Enclosed Space Height	488 cm	Ceiling height (16 ft) in manufacturing area
Floor-Wall Seam Crack Width	0.1 cm	Model default
Indoor Air Exchange Rate	1.5/hr	Exposure Factors Handbook – 2011 Update. Mean for commercial buildings
Averaging Time, Carcinogens	70 years	Model default
Averaging Time, Noncarcinogens	25 years	Default for occupational
Exposure Duration	25 years	Default for occupational
Exposure Frequency	250 days/year	Default for occupational
Target Risk for Carcinogens	1 x 10^{-5} unitless	Target Risk
Target Hazard for Noncarcinogens	1 unitless	Target Hazard

*Most of the building consists of manufacturing space which covers an area 470 x 150 ft with 16 ft ceiling height. Offices are at the north end of the building covering a total of 3900 square feet – don't know individual office size or ceiling height.

Prepared by: MKB 10/26/15
Checked by: LMS 10/26/15

Table 3
Johnson and Ettinger Site-Specific Risk Calculations for the Vapor Intrusion Pathway
Legion Industries Site
Waynesboro, Georgia

Parameter	Maximum Site Groundwater Concentration[(a)] (ug/L)	Location of Maximum Detected Concentration	Modeled Indoor Air Concentration[(b)] (ug/m^3)	Incremental Carcinogenic Risk[(c)] (unitless)	Hazard Quotient (HQ) [(c)] (unitless)	Inhalation Unit Risk (IUR) $(ug/m^3)^{-1}$	IUR Source*	Reference Concentration (RfC) (mg/m^3)	RfC Source*
Ethylbenzene	2,330	MW-19	0.82	5.0E-07	0.00056	2.5E-06	IRIS	1.0	IRIS
Trichloroethylene	4,770	MW-13	2.08	2.1E-06	0.71	4.1E-06	IRIS	0.002	IRIS
Vinyl Chloride	933	MW-13	1.08	1.2E-06	0.0074	4.4E-06	IRIS	0.1	IRIS
Xylenes	10,900	MW-19	3.62	NA	0.025	NA	NA	0.1	IRIS
			TOTAL:	**4E-06**	**0.7**				

(a) Maximum detected concentration from MW-1 through MW-19 during last 4 groundwater sampling events (December 2013 to June 2015).
(b) Infinite source building concentration calculated using Johnson and Ettinger (1991) Model for Subsurface Vapor Intrusion into Buildings (GW-ADV Version 3.1; 02/04).
(c) Calculated using Johnson and Ettinger (1991) Model for Subsurface Vapor Intrusion into Buildings (GW-ADV Version 3.1; 02/04).

ug/L micrograms per liter
ug/m^3 micrograms per cubic meter
mg/m^3 milligrams per cubic meter
IRIS - USEPA's Integrated Risk Information System

Prepared By/Date: SAG 10/13/2015
Checked By/Date: LMS 10/26/15

OSWER VAPOR INTRUSION ASSESSMENT

Vapor Intrusion Screening Level (VISL) Calculator Version 3.4, June 2015 RSLs

The primary objective of risk-based screening is to identify sites or buildings unlikely to pose a health concern through the vapor intrusion pathway. Generally, at properties where subsurface concentrations of vapor-forming chemicals (e.g., groundwater or "near source" soil gas concentrations) fall below screening levels (i.e., VISLs), no further action or study is warranted, so long as the exposure assumptions match those taken into account by the calculations and the site fulfills the conditions and assumptions of the generic conceptual model underlying the screening levels. In a similar fashion, the results of risk-based screening can help the data review team identify areas, buildings, and/or chemicals that can be eliminated from further assessment. The generic conceptual model underlying these screening levels is described in OSWER Publication 9200.2-154 (OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway From Subsurface Vapor Sources to Indoor Air) (EPA 2015; Section 6.5)

Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Commercial	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR	1.00E-05	Enter target risk for carcinogens
Target Hazard Quotient for Non-Carcinogens	THQ	1	Enter target hazard quotient for non-carcinogens
Average Groundwater Temperature (°C)	Tgw	22.8	Enter average of the stabilized groundwater temperature to correct Henry's Law Constant for groundwater target concentrations

CAS	Chemical Name	Does the chemical meet the definition for volatility? (HLC>1E-5 or VP>1) Yes/No	Does chemical have inhalation toxicity data? (IUR and/or RfC) Yes/No	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source? Cvp > Cia,target? Yes/No	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source? Chc > Cia,target? Yes/No	Target Indoor Air Conc. @ TCR = 10E-06 or THQ = 1 MIN(Cia,c;Cia,nc) (ug/m³)	Toxicity Basis C/NC	Target Sub-Slab and Exterior Soil Gas Conc. @ TCR = 10E-06 or THQ = 1 Csg (ug/m³)	Target Ground Water Conc. @ TCR = 10E-06 or THQ = 1 Cgw (ug/L)	Is Target Ground Water Conc. < MCL? Cgw<MCL? Yes/No (MCL ug/L)	Pure Phase Vapor Conc. @ 25°C Cvp (ug/m³)	Groundwater Vapor Conc. Chc (ug/m³)	Temperature for Groundwater Vapor Conc. Tgw or 25 C	Lower Explosive Limit** LEL (% by vol)	LEL Source	Inhalation Unit Risk IUR (ug/m³)⁻¹	IUR Source*	Reference Concentration RfC (mg/m³)	RFC Source*	Mutagenic Indicator	Target Indoor Air Conc. for Carcinogens @ TCR = 10E-06 Cia,c (ug/m³)	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 1 Cia,nc (ug/m³)
71-43-2	Benzene	Yes	Yes	Yes	Yes	1.6E+01	C	5.2E+02	7.7E+01	No (5)	3.98E+08	3.67E+08	22.8	1.2	N	7.80E-06	I	3.00E-02	I		1.6E+01	1.3E+02
12789-03-6	Chlordane	Yes	Yes	Yes	Yes	1.2E+00	C	4.1E+01	NVT	No (2)	2.20E+02	3.01E+01	22.8			1.00E-04	I	7.00E-04	I		1.2E+00	3.1E+00
108-90-7	Chlorobenzene	Yes	Yes	Yes	Yes	2.2E+02	NC	7.3E+03	1.9E+03	No (100)	7.27E+07	5.61E+07	22.8	1.3	N			5.00E-02	P			2.2E+02
98-82-8	Cumene	Yes	Yes	Yes	Yes	1.8E+03	NC	5.8E+04	4.4E+03	--	2.91E+07	2.46E+07	22.8	0.9	N			4.00E-01	I			1.8E+03
72-54-8	DDD	No	Yes	No (not volatile)	No (not volatile)																	
72-55-9	DDE, p,p'-	Yes	Yes	Yes	Yes	1.3E+00	C	4.2E+01	NVT	--	1.03E+02	5.32E+01	22.8			9.70E-05	CA				1.3E+00	
50-29-3	DDT	No	Yes	No (not volatile)	No (not volatile)																	
95-50-1	Dichlorobenzene, 1,2-	Yes	Yes	Yes	Yes	8.8E+02	NC	2.9E+04	1.3E+04	No (600)	1.08E+07	1.06E+07	22.8	2.2	N			2.00E-01	H			8.8E+02
106-46-7	Dichlorobenzene, 1,4-	Yes	Yes	Yes	Yes	1.1E+01	C	3.7E+02	1.3E+02	No (75)	1.38E+07	6.97E+06	22.8	2.5	N	1.10E-05	CA	8.00E-01	I		1.1E+01	3.5E+03
75-34-3	Dichloroethane, 1,1-	Yes	Yes	Yes	Yes	7.7E+01	C	2.6E+03	3.7E+02	--	1.21E+09	1.06E+09	22.8	5.4	N	1.60E-06	CA				7.7E+01	
75-35-4	Dichloroethylene, 1,1-	Yes	Yes	Yes	Yes	8.8E+02	NC	2.9E+04	8.9E+02	No (7)	3.13E+09	2.39E+09	22.8	6.5	N			2.00E-01	I			8.8E+02
60-57-1	Dieldrin	No	Yes	No (not volatile)	No (not volatile)	2.7E-02	C	8.9E-01	8.6E+01	--	1.21E+02	6.03E+01	22.8			4.60E-03	I				2.7E-02	
72-20-8	Endrin	No	No	No (not volatile)	No (not volatile)																	
100-41-4	Ethylbenzene	Yes	Yes	Yes	Yes	4.9E+01	C	1.6E+03	1.7E+02	Yes (700)	5.48E+07	4.80E+07	22.8	0.8	N	2.50E-06	CA	1.00E+00	I		4.9E+01	4.4E+03
319-84-6	Hexachlorocyclohexane, Alpha-	No	Yes	No (not volatile)	No (not volatile)																	
319-85-7	Hexachlorocyclohexane, Beta-	No	Yes	No (not volatile)	No (not volatile)																	
58-89-9	Hexachlorocyclohexane, Gamma- (Lindane)	No	Yes	No (not volatile)	No (not volatile)																	
608-73-1	Hexachlorocyclohexane, Technical	No	Yes	No (not volatile)	No (not volatile)																	
75-09-2	Methylene Chloride	Yes	Yes	Yes	Yes	2.6E+03	NC	8.8E+04	2.2E+04	No (5)	1.99E+09	1.58E+09	22.8	13	N	1.00E-08	I	6.00E-01	I	Mut	1.2E+04	2.6E+03
91-20-3	Naphthalene	Yes	Yes	Yes	Yes	3.6E+00	C	1.2E+02	2.4E+02	--	5.86E+05	4.75E+05	22.8	N	N	3.40E-05	CA	3.00E-03	I		3.6E+00	1.3E+01
127-18-4	Tetrachloroethylene	Yes	Yes	Yes	Yes	1.8E+02	NC	5.8E+03	2.7E+02	No (5)	1.65E+08	1.32E+08	22.8			2.60E-07	I	4.00E-02	I		4.7E+02	1.8E+02
108-88-3	Toluene	Yes	Yes	Yes	Yes	2.2E+04	NC	7.3E+05	9.0E+04	No (1000)	1.41E+08	1.27E+08	22.8	1.1	N			5.00E+00	I			2.2E+04
8001-35-2	Toxaphene	No	Yes	No (not volatile)	No (not volatile)																	
120-82-1	Trichlorobenzene, 1,2,4-	Yes	Yes	Yes	Yes	8.8E+00	NC	2.9E+02	1.8E+02	No (70)	4.49E+06	2.41E+06	22.8	2.5	N			2.00E-03	P			8.8E+00
79-00-5	Trichloroethane, 1,1,2-	Yes	Yes	Yes	Yes	8.8E-01	NC	2.9E+01	2.9E+01	No (5)	1.65E+08	1.37E+08	22.8	6	N	1.60E-05	I	2.00E-04	X		7.7E+00	8.8E-01
79-01-6	Trichloroethylene	Yes	Yes	Yes	Yes	8.8E+00	NC	2.9E+02	2.4E+01	No (5)	4.88E+08	4.64E+08	22.8	8	N	see note	I	2.00E-03	I	TCE	3.0E+01	8.8E+00
75-01-4	Vinyl Chloride	Yes	Yes	Yes	Yes	2.8E+01	C	9.3E+02	2.6E+01	No (2)	1.00E+10	9.41E+09	22.8	3.6	N	4.40E-06	I	1.00E-01	I	VC	2.8E+01	4.4E+02
1330-20-7	Xylenes	Yes	Yes	Yes	Yes	4.4E+02	NC	1.5E+04	2.3E+03	Yes (10000)	4.56E+07	1.98E+07	22.8					1.00E-01	I			4.4E+02
156-59-2	Dichloroethylene, 1,2-cis-	Yes	No	No Inhal. Tox. Info	No Inhal. Tox. Info										M							
156-60-5	Dichloroethylene, 1,2-trans-	Yes	No	No Inhal. Tox. Info	No Inhal. Tox. Info										M							

Notes:

(1) **Inhalation Pathway Exposure Parameters (RME):**

Exposure Scenario	Units	Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario in cell G10) Symbol	Selected Value
Averaging time for carcinogens	(yrs)	ATc_R	70	ATc_C	70	ATc	70
Averaging time for non-carcinogens	(yrs)	ATnc_R	26	ATnc_C	25	ATnc	25
Exposure duration	(yrs)	ED_R	26	ED_C	25	ED	25
Exposure frequency	(days/yr)	EF_R	350	EF_C	250	EF	250
Exposure time	(hr/day)	ET_R	24	ET_C	8	ET	8

(2) **Generic Attenuation Factors:**

Source Medium of Vapors	Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario in cell G10) Symbol	Selected Value
Groundwater	AFgw_R	0.001	AFgw_C	0.001	AFgw	0.001
Sub-Slab and Exterior Soil Gas	AFss_R	0.03	AFss_C	0.03	AFss	0.03

(3) **Formulas**

Cia, target = MIN(Cia,c; Cia,nc)

Cia,c (ug/m3) = TCR x ATc x (365 days/yr) x (24 hrs/day) / (ED x EF x ET x IUR)

Cia,nc (ug/m3) = THQ x ATnc x (365 days/yr) x (24 hrs/day) x RfC x (1000 ug/mg) / (ED x EF x ET)

(4) **Special Case Chemicals**

Trichloroethylene

	Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario in cell G10) Symbol	Selected Value
	mIURTCE_R	1.00E-06	mIURTCE_C	0.00E+00	mIURTCE	0.00E+00
	IURTCE_R	3.10E-06	IURTCE_C	4.10E-06	IURTCE	4.10E-06

Mutagenic Chemicals

The exposure durations and age-dependent adjustment factors for mutagenic-mode-of-action are listed in the table below:

Note: This section applies to trichloroethylene and other mutagenic chemicals, but not to vinyl chloride.

Age Cohort	Exposure Duration (years)	Age-dependent adjustment factor
0 - 2 years	2	10
2 - 6 years	4	3
6 - 16 years	10	3
16 - 26 years	10	1
Mutagenic-mode-of-action (MMOA) adjustment factor		25

This factor is used in the equations for mutagenic chemicals.

Vinyl Chloride

See the Navigation Guide equation for Cia,c for vinyl chloride.

Notation:

NVT = Not sufficiently volatile and/or toxic to pose inhalation risk in selected exposure scenario for the indicated medium
C = Carcinogenic
NC = Non-carcinogenic
I = IRIS: EPA Integrated Risk Information System (IRIS). Available online at: http://www.epa.gov/iris/subst/index.html
P = PPRTV. EPA Provisional Peer Reviewed Toxicity Values (PPRTVs). Available online at: http://hhpprtv.ornl.gov/pprtv.shtml
A = Agency for Toxic Substances and Disease Registry (ATSDR) Minimum Risk Levels (MRLs). Available online at: http://www.atsdr.cdc.gov/mrls/index.html
CA = California Environmental Protection Agency/Office of Environmental Health Hazard Assessment assessments. Available online at: http://www.oehha.ca.gov/risk/ChemicalDB/index.asp
H = HEAST. EPA Superfund Health Effects Assessment Summary Tables (HEAST) database. Available online at: http://epa-heast.ornl.gov/heast.shtml
S = See RSL User Guide, Section 5
X = PPRTV Appendix
E = The Engineering ToolBox. Available online at http://www.engineeringtoolbox.com/explosive-concentration-limits-d_423.html
N = Centers for Disease Control and Prevention (CDC) National Institute for Occupational Safety and Health (NIOSH). Pocket Guide to Chemical Hazards. Available online at: http://www.cdc.gov/niosh/npg/default.html http://www.cdc.gov/niosh/npg/default.html
M = Chemical-specific MSDS
Mut = Chemical acts according to the mutagenic-mode-of-action, special exposure parameters apply (see footnote (4) above).
VC = Special exposure equation for vinyl chloride applies (see Navigation Guide for equation).
TCE = Special mutagenic and non-mutagenic IURs for trichloroethylene apply (see footnote (4) above).
Yellow highlighting indicates site-specific parameters that may be edited by the user.
Blue highlighting indicates exposure factors that are based on Risk Assessment Guidance for Superfund (RAGS) or EPA vapor intrusion guidance, which generally should not be changed.
**Lower explosive limit is the minimum concentration of the compound in air (% by volume) that is needed for the gas to ignite and explode.

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Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION (enter "X" in "YES" box and initial groundwater conc. below)

YES: X

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
100414	2.33E+03	Ethylbenzene

MORE ↓

ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER Thickness of soil stratum A, h_A (cm)	ENTER Thickness of soil stratum B, (Enter value or 0) h_B (cm)	ENTER Thickness of soil stratum C, (Enter value or 0) h_C (cm)	ENTER Soil stratum directly above water table, (Enter A, B, or C)	ENTER SCS soil type directly above water table	ENTER Soil stratum A SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined stratum A soil vapor permeability, k_v (cm^2)
			Totals must add up to value of L_{WT} (cell G28)							
22.8	15	122	122	0	0	A	SC	SC		

MORE ↓

ENTER Stratum A SCS soil type	ENTER Stratum A soil dry bulk density, ρ_b^A (g/cm^3)	ENTER Stratum A soil total porosity, n^A (unitless)	ENTER Stratum A soil water-filled porosity, θ_w^A (cm^3/cm^3)	ENTER Stratum B SCS soil type	ENTER Stratum B soil dry bulk density, ρ_b^B (g/cm^3)	ENTER Stratum B soil total porosity, n^B (unitless)	ENTER Stratum B soil water-filled porosity, θ_w^B (cm^3/cm^3)	ENTER Stratum C SCS soil type	ENTER Stratum C soil dry bulk density, ρ_b^C (g/cm^3)	ENTER Stratum C soil total porosity, n^C (unitless)	ENTER Stratum C soil water-filled porosity, θ_w^C (cm^3/cm^3)
Lookup Soil Parameters				Lookup Soil Parameters				Lookup Soil Parameters			
SC	1.63	0.385	0.197								

MORE ↓

ENTER Enclosed space floor thickness, L_{crack} (cm)	ENTER Soil-bldg. pressure differential, ΔP (g/cm-s^2)	ENTER Enclosed space floor length, L_B (cm)	ENTER Enclosed space floor width, W_B (cm)	ENTER Enclosed space height, H_B (cm)	ENTER Floor-wall seam crack width, w (cm)	ENTER Indoor air exchange rate, ER (1/h)	ENTER Average vapor flow rate into bldg. OR Leave blank to calculate Q_{soil} (L/m)
15	40	991	3658	488	0.1	1.5	

MORE ↓

ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)
70	25	25	250	1.0E-05	1
				Used to calculate risk-based groundwater concentration.	

END

CHEMICAL PROPERTIES SHEET

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
6.80E-02	8.50E-06	7.88E-03	25	8,501	409.34	617.20	4.50E+02	1.70E+02	2.5E-06	1.0E+00

END

INTERMEDIATE CALCULATIONS SHEET

Exposure duration, τ (sec)	Source-building separation, L_T (cm)	Stratum A soil air-filled porosity, θ_a^A (cm^3/cm^3)	Stratum B soil air-filled porosity, θ_a^B (cm^3/cm^3)	Stratum C soil air-filled porosity, θ_a^C (cm^3/cm^3)	Stratum A effective total fluid saturation, S_{te} (cm^3/cm^3)	Stratum A soil intrinsic permeability, k_i (cm^2)	Stratum A soil relative air permeability, k_{rg} (cm^2)	Stratum A soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
7.88E+08	107	0.188	ERROR	ERROR	0.299	1.78E-09	0.837	1.49E-09	30.00	0.385	0.030	0.355	9,298

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Stratum A effective diffusion coefficient, D^{eff}_A (cm^2/s)	Stratum B effective diffusion coefficient, D^{eff}_B (cm^2/s)	Stratum C effective diffusion coefficient, D^{eff}_C (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)	Diffusion path length, L_d (cm)
7.37E+05	3.63E+06	2.56E-04	15	10,008	6.95E-03	2.86E-01	1.79E-04	1.76E-03	0.00E+00	0.00E+00	1.03E-05	3.63E-05	107

Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, exp(Pe^f) (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF ($\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
15	6.67E+05	0.10	3.41E+00	1.76E-03	9.30E+02	3.83E+13	1.22E-06	8.17E-01	2.5E-06	1.0E+00

END

Prepared/Date: LWC 9/24/2012
Checked/Date: LMS 9/27/2012

RESULTS SHEET

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (μg/L)	Indoor exposure groundwater conc., noncarcinogen (μg/L)	Risk-based indoor exposure groundwater conc., (μg/L)	Pure component water solubility, S (μg/L)	Final indoor exposure groundwater conc., (μg/L)
NA	NA	NA	1.70E+05	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
5.0E-07	5.6E-04

MESSAGE AND ERROR SUMMARY BELOW: (DO NOT USE RESULTS IF ERRORS ARE PRESENT)

SCROLL DOWN TO "END"

END

GW-ADV Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION (enter "X" in "YES" box and initial groundwater conc. below)

YES: X

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
79016	4.77E+03	Trichloroethylene

MORE ↓

ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER Thickness of soil stratum A, h_A (cm)	ENTER Thickness of soil stratum B, (Enter value or 0) h_B (cm)	ENTER Thickness of soil stratum C, (Enter value or 0) h_C (cm)	ENTER Soil stratum directly above water table, (Enter A, B, or C)	ENTER SCS soil type directly above water table	ENTER Soil stratum A SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined stratum A soil vapor permeability, k_v (cm^2)
			Totals must add up to value of L_{WT} (cell G28)							
22.8	15	122	122	0	0	A	SC	SC		

MORE ↓

ENTER Stratum A SCS soil type	ENTER Stratum A soil dry bulk density, ρ_b^A (g/cm^3)	ENTER Stratum A soil total porosity, n^A (unitless)	ENTER Stratum A soil water-filled porosity, θ_w^A (cm^3/cm^3)	ENTER Stratum B SCS soil type	ENTER Stratum B soil dry bulk density, ρ_b^B (g/cm^3)	ENTER Stratum B soil total porosity, n^B (unitless)	ENTER Stratum B soil water-filled porosity, θ_w^B (cm^3/cm^3)	ENTER Stratum C SCS soil type	ENTER Stratum C soil dry bulk density, ρ_b^C (g/cm^3)	ENTER Stratum C soil total porosity, n^C (unitless)	ENTER Stratum C soil water-filled porosity, θ_w^C (cm^3/cm^3)
Lookup Soil Parameters				Lookup Soil Parameters				Lookup Soil Parameters			
SC	1.63	0.385	0.197								

MORE ↓

ENTER Enclosed space floor thickness, L_{crack} (cm)	ENTER Soil-bldg. pressure differential, ΔP ($g/cm\text{-}s^2$)	ENTER Enclosed space floor length, L_B (cm)	ENTER Enclosed space floor width, W_B (cm)	ENTER Enclosed space height, H_B (cm)	ENTER Floor-wall seam crack width, w (cm)	ENTER Indoor air exchange rate, ER (1/h)	ENTER Average vapor flow rate into bldg. OR Leave blank to calculate Q_{soil} (L/m)
15	40	991	3658	488	0.1	1.5	

MORE ↓

ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)
70	25	25	250	1.0E-05	1
				Used to calculate risk-based groundwater concentration.	

END

CHEMICAL PROPERTIES SHEET

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
6.87E-02	1.02E-05	9.85E-03	25	7,505	360.36	544.20	6.07E+01	1.28E+03	4.1E-06	2.0E-03

END

INTERMEDIATE CALCULATIONS SHEET

Exposure duration, τ (sec)	Source-building separation, L_T (cm)	Stratum A soil air-filled porosity, θ_a^A (cm^3/cm^3)	Stratum B soil air-filled porosity, θ_a^B (cm^3/cm^3)	Stratum C soil air-filled porosity, θ_a^C (cm^3/cm^3)	Stratum A effective total fluid saturation, S_{te} (cm^3/cm^3)	Stratum A soil intrinsic permeability, k_i (cm^2)	Stratum A soil relative air permeability, k_{rg} (cm^2)	Stratum A soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
7.88E+08	107	0.188	ERROR	ERROR	0.299	1.78E-09	0.837	1.49E-09	30.00	0.385	0.030	0.355	9,298

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Stratum A effective diffusion coefficient, D^{eff}_A (cm^2/s)	Stratum B effective diffusion coefficient, D^{eff}_B (cm^2/s)	Stratum C effective diffusion coefficient, D^{eff}_C (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)	Diffusion path length, L_d (cm)
7.37E+05	3.63E+06	2.56E-04	15	8,397	8.87E-03	3.65E-01	1.79E-04	1.77E-03	0.00E+00	0.00E+00	9.99E-06	3.51E-05	107

Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, exp(Pe^f) (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF ($\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
15	1.74E+06	0.10	3.41E+00	1.77E-03	9.30E+02	2.79E+13	1.20E-06	2.08E+00	4.1E-06	2.0E-03

END

Prepared/Date: LWC 9/24/2012
Checked/Date: LMS 9/27/2012

RESULTS SHEET

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.28E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
2.1E-06	7.1E-01

MESSAGE AND ERROR SUMMARY BELOW: (DO NOT USE RESULTS IF ERRORS ARE PRESENT)

SCROLL DOWN TO "END"

END

GW-ADV
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION (enter "X" in "YES" box and initial groundwater conc. below)

YES X

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
75014	9.33E+02	Vinyl chloride (chloroethene)

MORE ↓

ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER Thickness of soil stratum A, h_A (cm)	ENTER Thickness of soil stratum B, (Enter value or 0) h_B (cm)	ENTER Thickness of soil stratum C, (Enter value or 0) h_C (cm)	ENTER Soil stratum directly above water table, (Enter A, B, or C)	ENTER SCS soil type directly above water table	ENTER Soil stratum A SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined stratum A soil vapor permeability, k_v (cm^2)
			Totals must add up to value of L_{WT} (cell G28)							
22.8	15	122	122	0	0	A	SC	SC		

MORE ↓

ENTER Stratum A SCS soil type	ENTER Stratum A soil dry bulk density, ρ_b^A (g/cm^3)	ENTER Stratum A soil total porosity, n^A (unitless)	ENTER Stratum A soil water-filled porosity, θ_w^A (cm^3/cm^3)	ENTER Stratum B SCS soil type	ENTER Stratum B soil dry bulk density, ρ_b^B (g/cm^3)	ENTER Stratum B soil total porosity, n^B (unitless)	ENTER Stratum B soil water-filled porosity, θ_w^B (cm^3/cm^3)	ENTER Stratum C SCS soil type	ENTER Stratum C soil dry bulk density, ρ_b^C (g/cm^3)	ENTER Stratum C soil total porosity, n^C (unitless)	ENTER Stratum C soil water-filled porosity, θ_w^C (cm^3/cm^3)
Lookup Soil Parameters				Lookup Soil Parameters				Lookup Soil Parameters			
SC	1.63	0.385	0.197								

MORE ↓

ENTER Enclosed space floor thickness, L_{crack} (cm)	ENTER Soil-bldg. pressure differential, ΔP ($g/cm\text{-}s^2$)	ENTER Enclosed space floor length, L_B (cm)	ENTER Enclosed space floor width, W_B (cm)	ENTER Enclosed space height, H_B (cm)	ENTER Floor-wall seam crack width, w (cm)	ENTER Indoor air exchange rate, ER (1/h)	ENTER Average vapor flow rate into bldg. OR Leave blank to calculate Q_{soil} (L/m)
15	40	991	3658	488	0.1	1.5	

MORE ↓

ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)
70	25	25	250	1.0E-05	1
				Used to calculate risk-based groundwater concentration.	

END

CHEMICAL PROPERTIES SHEET

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
1.06E-01	1.23E-05	2.78E-02	25	5,250	259.25	432.00	2.20E+01	8.80E+03	4.4E-06	1.0E-01

END

INTERMEDIATE CALCULATIONS SHEET

Exposure duration, τ (sec)	Source-building separation, L_T (cm)	Stratum A soil air-filled porosity, θ_a^A (cm^3/cm^3)	Stratum B soil air-filled porosity, θ_a^B (cm^3/cm^3)	Stratum C soil air-filled porosity, θ_a^C (cm^3/cm^3)	Stratum A effective total fluid saturation, S_{te} (cm^3/cm^3)	Stratum A soil intrinsic permeability, k_i (cm^2)	Stratum A soil relative air permeability, k_{rg} (cm^2)	Stratum A soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
7.88E+08	107	0.188	ERROR	ERROR	0.299	1.78E-09	0.837	1.49E-09	30.00	0.385	0.030	0.355	9,298

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Stratum A effective diffusion coefficient, D^{eff}_A (cm^2/s)	Stratum B effective diffusion coefficient, D^{eff}_B (cm^2/s)	Stratum C effective diffusion coefficient, D^{eff}_C (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)	Diffusion path length, L_d (cm)
7.37E+05	3.63E+06	2.56E-04	15	4,854	2.62E-02	1.08E+00	1.79E-04	2.74E-03	0.00E+00	0.00E+00	8.62E-06	3.05E-05	107

Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, exp(Pe^f) (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF ($\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
15	1.00E+06	0.10	3.41E+00	2.74E-03	9.30E+02	5.21E+08	1.08E-06	1.08E+00	4.4E-06	1.0E-01

END

Prepared/Date: LWC 9/24/2012
Checked/Date: LMS 9/27/2012

RESULTS SHEET

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (μg/L)	Indoor exposure groundwater conc., noncarcinogen (μg/L)	Risk-based indoor exposure groundwater conc., (μg/L)	Pure component water solubility, S (μg/L)	Final indoor exposure groundwater conc., (μg/L)
NA	NA	NA	8.80E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
1.2E-06	7.4E-03

MESSAGE AND ERROR SUMMARY BELOW: (DO NOT USE RESULTS IF ERRORS ARE PRESENT)

SCROLL DOWN TO "END"

END

GW-ADV Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION (enter "X" in "YES" box and initial groundwater conc. below)

YES: X

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
108383	1.09E+04	m-Xylene

MORE ↓

ENTER Average soil/ groundwater temperature, T_S (°C)	ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER Thickness of soil stratum A, h_A (cm)	ENTER Thickness of soil stratum B, (Enter value or 0) h_B (cm)	ENTER Thickness of soil stratum C, (Enter value or 0) h_C (cm)	ENTER Soil stratum directly above water table, (Enter A, B, or C)	ENTER SCS soil type directly above water table	ENTER Soil stratum A SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined stratum A soil vapor permeability, k_v (cm^2)
			Totals must add up to value of L_{WT} (cell G28)							
22.8	15	122	122	0	0	A	SC	SC		

MORE ↓

ENTER Stratum A SCS soil type	ENTER Stratum A soil dry bulk density, ρ_b^A (g/cm^3)	ENTER Stratum A soil total porosity, n^A (unitless)	ENTER Stratum A soil water-filled porosity, θ_w^A (cm^3/cm^3)	ENTER Stratum B SCS soil type	ENTER Stratum B soil dry bulk density, ρ_b^B (g/cm^3)	ENTER Stratum B soil total porosity, n^B (unitless)	ENTER Stratum B soil water-filled porosity, θ_w^B (cm^3/cm^3)	ENTER Stratum C SCS soil type	ENTER Stratum C soil dry bulk density, ρ_b^C (g/cm^3)	ENTER Stratum C soil total porosity, n^C (unitless)	ENTER Stratum C soil water-filled porosity, θ_w^C (cm^3/cm^3)
Lookup Soil Parameters				Lookup Soil Parameters				Lookup Soil Parameters			
SC	1.63	0.385	0.197								

MORE ↓

ENTER Enclosed space floor thickness, L_{crack} (cm)	ENTER Soil-bldg. pressure differential, ΔP (g/cm-s^2)	ENTER Enclosed space floor length, L_B (cm)	ENTER Enclosed space floor width, W_B (cm)	ENTER Enclosed space height, H_B (cm)	ENTER Floor-wall seam crack width, w (cm)	ENTER Indoor air exchange rate, ER (1/h)	ENTER Average vapor flow rate into bldg. OR Leave blank to calculate Q_{soil} (L/m)
15	40	991	3658	488	0.1	1.5	

MORE ↓

ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)	ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)
70	25	25	250	1.0E-05	1
				Used to calculate risk-based groundwater concentration.	

END

CHEMICAL PROPERTIES SHEET

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $\Delta H_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
6.84E-02	8.44E-06	7.18E-03	25	8,523	412.27	617.05	3.75E+02	1.06E+02	0.0E+00	1.0E-01

END

INTERMEDIATE CALCULATIONS SHEET

Exposure duration, τ (sec)	Source-building separation, L_T (cm)	Stratum A soil air-filled porosity, θ_a^A (cm^3/cm^3)	Stratum B soil air-filled porosity, θ_a^B (cm^3/cm^3)	Stratum C soil air-filled porosity, θ_a^C (cm^3/cm^3)	Stratum A effective total fluid saturation, S_{te} (cm^3/cm^3)	Stratum A soil intrinsic permeability, k_i (cm^2)	Stratum A soil relative air permeability, k_{rg} (cm^2)	Stratum A soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
7.88E+08	107	0.188	ERROR	ERROR	0.299	1.78E-09	0.837	1.49E-09	30.00	0.385	0.030	0.355	9,298

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Stratum A effective diffusion coefficient, D^{eff}_A (cm^2/s)	Stratum B effective diffusion coefficient, D^{eff}_B (cm^2/s)	Stratum C effective diffusion coefficient, D^{eff}_C (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)	Diffusion path length, L_d (cm)
7.37E+05	3.63E+06	2.56E-04	15	10,105	6.33E-03	2.60E-01	1.79E-04	1.77E-03	0.00E+00	0.00E+00	1.09E-05	3.83E-05	107

Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, exp(Pe^f) (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF ($\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
15	2.84E+06	0.10	3.41E+00	1.77E-03	9.30E+02	3.23E+13	1.28E-06	3.62E+00	NA	1.0E-01

END

Prepared/Date: LWC 9/24/2012
Checked/Date: LMS 9/27/2012

RESULTS SHEET

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (μg/L)	Indoor exposure groundwater conc., noncarcinogen (μg/L)	Risk-based indoor exposure groundwater conc., (μg/L)	Pure component water solubility, S (μg/L)	Final indoor exposure groundwater conc., (μg/L)
NA	NA	NA	1.06E+05	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
NA	2.5E-02

MESSAGE AND ERROR SUMMARY BELOW: (DO NOT USE RESULTS IF ERRORS ARE PRESENT)

SCROLL DOWN TO "END"

END

APPENDIX H
NEIGHBORING PROPERTY CONTACT DOCUMENTATION

HELENA CHEMICAL COMPANY
225 Schilling Blvd., Suite 300
Collierville, Tennessee 38017
Phone: (901) 761-0050

December 9, 2013

Charles A. Brown
President
Legion Industries, Inc.
370 Mills Rd.
Waynesboro, GA 30830

Dear Mr. Brown,

I am in receipt of your letter to our Mr. George Tedder of our Waynesboro, GA branch location. Your letter requests that Helena enter into a Site Access Agreement with your consultant, AMEC, for the purpose of installing a groundwater monitoring well on Helena property.

Helena has no interest in having a groundwater monitoring well placed on its property at 900 Davis Rd. in Waynesboro. Therefore we will not be entering into a Site Access Agreement with AMEC.

Sincerely,

Ed Brister
Director, Regulatory Compliance/Engineering
Helena Chemical Co.

Express

From: (901) 537-8601
April Martin
Helena Chemical Company
225 Schilling Blvd.

Collierville, TN 38017

Origin ID: HKAA

FedEx Express

J13201306280326

Ship Date: 09DEC13
Act Wgt: 1.0 LB
CAD: 9061454/INET3430

Delivery Address Bar Code

Ref # 90411
Invoice #
PO #
Dept #

SHIP TO: (706) 554-4411

BILL SENDER

Charles A. Brown
Legion Industries Inc
370 Mills Road

WAYNESBORO, GA 30830

TUE - 10 DEC 4:30P
PRIORITY OVERNIGHT

TRK# 0201 7973 4745 4514

XH AGSA

30830
GA-US
CAE

51AG4/99D5/1A9E

RT 867 1 A
4514
12.10
FZ

Align bottom of peel and stick airbill or pouch here.

Chuck Brown

From: Matt Piell [mpiell@synergywms.com]
Sent: Friday, October 02, 2015 8:26 AM
To: <cbrown@legionindustries.com>
Subject: Re: Georgia's Voluntary Remediation Program 10/2/15

I sent your email to Bill last week and he was checking into whether we could help or not. He will be contacting you either today or early next week. His name is Bill Creekmore - wcreekmore@synergywms.com

Matt

Sent from my iPhone

On Oct 2, 2015, at 4:31 AM, Chuck Brown <cbrown@legionindustries.com> wrote:

> I would appreciate your advising Legion who the Synergy contact person is for our future communications re your property:
>
> 321 Mills Road
> Waynesboro, Ga. 30830
>
> Thanks,
>
> Chuck Brown
>
> cbrown@legionindustries.com
>
> ---
>
> **From:** Chuck Brown [mailto:cbrown@legionindustries.com]
> **Sent:** Friday, September 25, 2015 12:01 PM
> **To:** (mpiell@synergywms.com)
> **Subject:** Georgia's Voluntary Remediation Program
>
> Mat,
> I was pleased that I reached you to discuss our potential request to install a monitoring well on the Synergy property and your willingness to participate.
>
> - The Legion property is in Georgia's Voluntary Remediation Program due to historical contamination released before our operation began.
> - There is no evidence to indicate the Synergy property has been affected.
> - Legion is in the process of demonstrating to EPD that the Legion property is not a risk to the public so it can be removed from regulatory oversight.
> - As part of that demonstration, EPD may want Legion to install a monitoring well on the Synergy property as a conservative measure.
> - Legion is going to meet with EPD in October and would like to represent Synergy's willingness to cooperate, if needed.
>
> You indicated that you would forward our request to another individual in Georgia to discuss our potential request for:
> 321 Mills Road
> Waynesboro, Ga. 30830

I would appreciate a copy of your contact to the Synergy Georgia contact for our future communications.

I can be reached through the information shown in the attachment to discuss the details with the appropriate Synergy person, and be advised of Synergy's decision.

Thanks for your help – I look forward to our next discussions.

Chuck Brown
cbrown@legionindustries.com

<CB Information 092515.doc>

APPENDIX I

SITE SURVEY

GRAPHIC SCALE IN FEET
0 100 200 300

GRID NORTH

EAST ZONE

File No._____
Hour Filed_____
Date Filed_____

_____
Deputy Clerk Superior Court
Burke County Georgia

BENCHMARK (SPIKE IN PP)
296.53' (MEAN SEA LEVEL)

EASTSIDE
(MILLS ROAD)

WAYNESBORO BY-PASS
(R/W VARIES)

DAVIS ROAD 50' R/W

11.31 ACRES

RBS
N 56°46'42"E
103.05'
RBS
N 71°59'21"E
101.12'
RBS
N 80°48'56"E
201.00'
AIS
RBS
N 80°30'34"E
50.00'

N 00°41'04"E 200.00'

MONITORING WELL #3
GROUND - 291.68'
TOP OF PVC - 294.85'

MONITORING WELL #9
GROUND - 291.13'
TOP OF PVC - 294.26'

RBS
RBS
S 89°18'15"E
27.79'

CONCRETE
CONCRETE
1-S METAL BLDG.
504'
468'
CONCRETE
150'

N 01°00'34"E 399.71'

MONITORING WELL #8
GROUND - 294.18'
TOP OF PVC - 293.96'

RBS

N 03°48'09"W 275.74'

MONITORING WELL #7
GROUND - 294.71'
TOP OF PVC - 294.54'

S 80°05'39"W
57.56'
RBS
RBS
N 09°54'21"W
50.00'
RBS
RBS
N 80°05'39"E
62.91'

GEORGIA POWER CO.
SUBSTATION SITE
(ABANDONED)

N 03°48'09"W 196.30'

MONITORING WELL #6
GROUND - 295.86'
TOP OF PVC - 299.16'

MONITORING WELL #4
GROUND - 295.68'
TOP OF PVC - 298.33'
1-S METAL BLDG.

MONITORING WELL #1
GROUND - 294.50'
TOP OF PVC - 297.51'

MONITORING WELL #10
GROUND - 301.18'
TOP OF PVC - 301.04

S 03°50'19"W 1289.76'
BURKE COUNTY DEVELOPMENT AUTHORITY

SUNBEAM OUTDOOR PRODUCTS
PB 4 PG 206

MONITORING WELL #2
GROUND - 295.65'
TOP OF PVC - 298.47'

MONITORING WELL #11
GROUND - 300.00'
TOP OF PVC - 299.86'

MONITORING WELL #5
GROUND - 299.58'
TOP OF PVC - 302.92'

RAILROAD SPUR TRACK

RBS
348.46'
N 83°40'54"W
AIS

CENTER LINE MAIN LINE
S & A RAILROAD (R/W VARIES)
50' R/W

LEGEND

1. IPF – IRON PIPE FOUND
2. IPS – IRON PIPE SET
3. AIF – ANGLE IRON FOUND
4. AIS – ANGLE IRON SET
5. CTF – CRIMPED TOP PIPE FOUND
6. CMF – CONC. MOMUMENT FOUND
7. CMS – CONC. MOMUMENT SET
8. RBF – REBAR FOUND
9. RBS – REBAR SET
10. SQIF – SQUARE IRON FOUND
11. OTF – OPEN TOP PIPE FOUND
12. RRI – RAILROAD IRON
13. -x-x- – FENCE
14. --F-- – FLOOD HAZARD

NOTES:

1. THIS SURVEY WAS PERFORMED WITH A TOPCON GTS-303 TOTAL STATION AND A 100' STEEL TAPE.
2. THE FIELD WORK REQUIRED TO PREPARE THIS PLAT HAS A CLOSURE PRECISION OF ONE FOOT IN 20,545 FEET AND AN ANGULAR ERROR OF 0 00' 02" PER POINT AND WAS ADJUSTED BY LEAST SQUARES.
3. THIS PLAT HAS A CLOSURE PRECISION OF ONE FOOT IN 100,000 FEET.
4. BOUNDARY PLAT FROM STEVE BARGERON & ASSOC. DATED MAY 31, 1994.

REFERENCES:
DEED BOOK 132 PG 568-569
PLAT BOOK 4 PAGE 206
PLAT BOOK A PAGE 28

GEORGIA REGISTERED No. 1871 PROFESSIONAL LAND SURVEYOR STEVE BARGERON

PLAT SHOWING VERTICAL & HORIZONTAL
LOCATION OF MONITORING WELLS
FOR

LEGION INDUSTRIES INC.

PROPERTY LOCATED IN THE
CITY OF WAYNESBORO 62nd. G.M.D.
BURKE COUNTY, GEORGIA
SCALE: 1" = 100' MARCH 11, 2002

Prepared by
STEVE BARGERON & ASSOCIATES
WAYNESBORO, GEORGIA

85201
85201LI2.dwg
MAP 73 PAR 22

APPENDIX J

WASTE MANIFESTS

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2851	12518

GENERATOR

5. Generator's Name and Mailing Address
Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830

Generator's Site Address (if different than mailing address)

Generator's Phone: 706-554-4411

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805

U.S. EPA ID Number

Facility's Phone: 706-592-3200

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 20 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Thomas Mactejewski — Signature: X Thomas Mactejewski — Month: 06 Day: 20 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12519

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 20 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Ricky Greer — Signature: X Ricky Greer — Month: 6 Day: 20 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12520

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
706-554-4411

Generator's Site Address (if different than mailing address):

Generator's Phone:

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
706-592-3200

U.S. EPA ID Number:

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 20 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Leon Hayes — Signature: X Leon Hayes — Month: 6 Day: 20 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12521

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 20 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X248 Larry Houghton — Signature: X Larry Houghton — Month: X6 Day: 20 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12522

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3000 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A.L.D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 20 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X248 Larry Houghton — Signature: X — Month: X Day: 20 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12529

GENERATOR

5. Generator's Name and Mailing Address
Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3000

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 — Day: 20 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Davis Hauling — Signature: X — Month: X 6 — Day: 20 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12524

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 20 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: K 2 54 Leon Hayes — Signature: K Leon Hayes — Month: 6 Day: 21 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12525

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3300

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 20 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Larry Houghton — Signature: X — Month: 6 Day: 20 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12526

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3209

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Biggs on behalf of Legion Industries — Signature — Month: 6 Day: 20 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: x Leon Hayes — Signature: x Leon Hayes — Month: 6 Day: 21 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12527

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental lab #130392

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 20 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Larry Houghton — Signature: X Larry Houghton — Month: 6 Day: 20 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	GAD054223987	1	404-431-2951	12528

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature: [signature] — Month: 6 — Day: 12 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] — Signature: [signature] — Month: 6 — Day: 13 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	GAD054223987	1	404-431-2951	12529

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — TRK # 383 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 16	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Biggs on behalf of Legion Industries — Signature — Month: 6 — Day: 20 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Thomas MACIEJEWSKI — Signature — Month: 6 — Day: 20 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD064229987	1	404-431-2951	12590

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Tech #217 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 20 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Leon Hayes — Signature: Leon Hayes — Month: 6 Day: 20 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12531

GENERATOR

5. Generator's Name and Mailing Address
Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Augusta Deans Bridge Road Landfill
4390 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
A&D Environmental Job # 130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 20 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ricky Mann — Signature — Month: 6 Day: 20 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12532

GENERATOR

5. Generator's Name and Mailing Address
Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Davis Hauling Truck # 278

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3300

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries
Signature:
Month: 6 Day: 20 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Larry Houghton
Signature: X
Month: 6 Day: 20 Year: 13

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12533

GENERATOR

5. Generator's Name and Mailing Address
Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Davis Hauling TH 383

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries | Signature | Month: 6 | Day: 20 | Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Thomas Macedonski | Signature: X [signature] | Month: 6 | Day: 20 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	GAD064223987	1	404-431-2951	12534

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 20 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Ricky Green — Signature: X — Month: X 6 Day: 20 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12535

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Truck 954

U.S. EPA ID Number:

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Biggs on behalf of Legion Industries | Signature | Month: 6 | Day: 20 | Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Ryan Hayes | Signature: X | Month: X 6 | Day: 20 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12536

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 — Day: 20 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Larry Houghton — Signature — Month: 6 — Day: 20 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12537

GENERATOR

5. Generator's Name and Mailing Address
Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Davis Hauling Trk 383

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries | Signature | Month: 6 | Day: 20 | Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Thomas PIACIEJEWSKI | Signature | Month: 6 | Day: 20 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	GAD054223987	1	404-431-2951	12535

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Truck # 383 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 — Day: 20 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Thomas Hacketeushi — Signature — Month: 6 — Day: 21 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2961	12539

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Truck 248

U.S. EPA ID Number:

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 16	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries | Signature | Month: 6 | Day: 21 | Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Larry Houston | Signature: X | Month: 6 | Day: 21 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12540

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Truck 384
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3080
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130322

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries
Signature:
Month: 6 Day: 21 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Ricky Green
Signature: X Ricky Green
Month: 6 Day: 21 Year: 13

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12541

5. Generator's Name and Mailing Address
Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Davis Hauling Truck 4251

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries | Signature | Month: 6 | Day: 21 | Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Leon Hayes | Signature: Leon Hayes | Month: 6 | Day: 21 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054229967	1	404-491-2951	12542

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Truck # 383 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 21 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Thomas PIACIEJEWSKI — Signature — Month: 6 Day: 21 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12543

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Truck # 218

U.S. EPA ID Number:

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries | Signature | Month: 6 | Day: 21 | Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Larry Houghton | Signature | Month: 6 | Day: 21 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054228987	1	404-491-2951	12544

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Truck # 384
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job # 130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries
Signature:
Month: 6 Day: 21 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ricky Cone
Signature:
Month: 6 Day: 21 Year: 13

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12545

GENERATOR

5. Generator's Name and Mailing Address
Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Davis Hauling Truck #254

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries | Signature | Month: 6 | Day: 21 | Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Lton Hayes | Signature: X [signature] | Month: 6 | Day: 21 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054229987	1	404-431-2951	13546

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Truck U — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3000

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job # 130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 21 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: K. Lucy Houghton — Signature — Month: 6 Day: 21 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12547

GENERATOR

5. Generator's Name and Mailing Address
Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Davis Hauling Truck 3 of 3
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
ALD Environmental lab #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries | Signature | Month: 6 | Day: 21 | Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Thomas Maciejewski | Signature | Month: 6 | Day: 21 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12548

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Trucking — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental lab #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 21 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: x Leon Hayes — Signature: x Leon Hayes — Month: 6 Day: 21 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12549

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Truck #384

U.S. EPA ID Number:

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number:

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

A&D Environmental Lab #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries | Signature | Month: 6 | Day: 21 | Year: 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ricky Green | Signature: Ricky Green | Month: 6 | Day: 21 | Year: 12

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12550

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling T/A KW 298
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3080
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries
Signature:
Month: 6 Day: 21 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Wesley Houghton
Signature:
Month: 6 Day: 21 Year: 13

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12551

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling TRAILER 383

U.S. EPA ID Number:

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Lab #130399

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries | Signature | Month: 6 | Day: 24 | Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Thomas MACIEJEWSKI | Signature | Month: 6 | Day: 24 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number GAD054223987	2. Page 1 of 1	3. Emergency Response Phone 404-651-2951	4. Waste Tracking Number 12552

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Truck #389 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 — Day: 21 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit:
Transporter Signature (for exports only): — Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month: 6 — Day: 21 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12553

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Trans Inc

U.S. EPA ID Number:

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number:

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries | Signature | Month: 6 | Day: 21 | Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Leon Hayes | Signature | Month: 6 | Day: 21 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12555

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling LLC 383 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3000 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature: [signature] — Month: 6 — Day: 24 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit:
Transporter Signature (for exports only): — Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Thomas BIACIEJEWSKI — Signature: [signature] — Month: 6 — Day: 24 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	GAD054223987	1	404-431-2951	12556

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Truck 11 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 27 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Larry Houghton — Signature: X — Month: 6 Day: 27 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12557

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Truck # 384
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries
Signature:
Month: 6 Day: 24 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Kelly Cook
Signature: X Kelly Cook
Month: 6 Day: 24 Year: 13

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12558

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling Truck # 254 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
A&D Environmental lab #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 24 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Leon Hayes — Signature — Month: 6 Day: 24 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	GAD054229987	1	404-431-2951	12559

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling 3/3 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 24 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Thomas Maciejewski — Signature: Thomas Maciejewski — Month: 6 Day: 24 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12560

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4413

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling 248 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Lab #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Biggs on behalf of Legion Industries — Signature — Month: 6 Day: 21 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Larry Houghton — Signature — Month: 6 Day: 21 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12561

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling 384 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3700 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 24 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: x Ricky Green — Signature: x Ricky Green — Month: 6 Day: 24 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12562

GENERATOR

5. Generator's Name and Mailing Address
Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Davis Hauling

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
AEG Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries | Signature | Month: 6 | Day: 27 | Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Alex Hayes | Signature | Month: 6 | Day: 27 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD064229987	1	404-431-2951	12563

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 24 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Thomas McIEDE Wall — Signature: X [signature] — Month: 6 Day: 24 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12564

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling #48 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3300 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 21 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] — Signature — Month: 6 Day: 21 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054229987	1	404-431-2751	12565

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling 384 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental lab #130392

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 21 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Tabby Green — Signature: X Tabby Green — Month: 6 Day: 21 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-[illegible]31-2951	12567

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling 257
U.S. EPA ID Number:

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries
Signature:
Month: 6 Day: 24 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Leon Hayes
Signature:
Month: 6 Day: 24 Year: 13

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12568

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Weyneboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature: [signature] — Month: 6 — Day: 24 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit:
Transporter Signature (for exports only): — Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: K Thomas MACTEWSHI — Signature: [signature] — Month: 6 — Day: 24 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12569

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling 248 — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature: [signature] — Month: 6 — Day: 24 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit:

Transporter Signature (for exports only): — Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kenny Houghton — Signature: [signature] — Month: 6 — Day: 24 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12570

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
706-554-4411
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Davis Hauling 254 — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 24 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Leon Hayes — Signature: X Leon Hayes — Month: 6 Day: 24 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Da

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12571

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 12 — Day: 15 — Year: 09

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD 054223987	1	404-431-2961	12672

GENERATOR

5. Generator's Name and Mailing Address
Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
706-554-4411

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
706-592-3200

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 — Day: 26 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Ricky Culver — Signature: X Ricky Culver — Month: 6 — Day: 26 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12573

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 — Day: 24 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Leon Hayes — Signature: X Leon Hayes — Month: 6 — Day: 24 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD 054223987	1	404-431-2951	12574

GENERATOR

5. Generator's Name and Mailing Address
Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
706-554-4411

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
706-592-3203

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 — Day: 26 — Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Leon Hayes — Signature: X Leon Hayes — Month: 6 — Day: 26 — Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12575

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
Generator's Phone: 706-554-4411

Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Davis Hauling

U.S. EPA ID Number:

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30805
Facility's Phone: 706-592-3200

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

A&D Environmental Job # 130392

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries | Signature | Month: 6 | Day: 26 | Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Ricky Green | Signature: X Ricky Green | Month: 6 | Day: 26 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
GAD054223987	1	404-431-2951	12576

GENERATOR

5. Generator's Name and Mailing Address: Legion Industries, Inc.
370 Mills Road
Waynesboro, GA 30830
706-554-4411

Generator's Site Address (if different than mailing address):

Generator's Phone:

6. Transporter 1 Company Name: Davis Hauling — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Augusta Deans Bridge Road Landfill
4330 Deans Bridge Road
Blythe, GA 30806
706-592-3200

U.S. EPA ID Number:

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non-Regulated Material, Solid (Soil) Approval #13-0530	001	DT	Est. 18	T
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

A&D Environmental Job #130392

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Susan Riggs on behalf of Legion Industries — Signature — Month: 6 Day: 24 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Kelly Green — Signature: X Kelly Green — Month: 6 Day: 24 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year