VOLUNTARY REMEDIATION PROGRAM

FINAL COMPLIANCE STATUS REPORT

FORMER IMPERIAL CLEANERS
1233B ALPHARETTA HIGHWAY
ROSWELL, FULTON COUNTY, GEORGIA
HSI SITE NO. 10690

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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July 27, 2016

Amec Foster Wheeler Project No. 6305-05-0319

July 27, 2016

Mr. Terry Allison
Department of Natural Resources
Environmental Protection Division
Hazardous Sites Response Program
Suite 1462 East Tower
205 Butler Street, S.E.
Atlanta, Georgia 30334

Subject: **Voluntary Remediation Program**
Final Compliance Status Report
Former Imperial Cleaners Site
1233B Alpharetta Highway
Roswell, Fulton County, Georgia
HSI Site No. 10690

Dear Mr. Allison:

Amec Foster Wheeler Environment & Infrastructure, Inc. (Amec Foster Wheeler) respectfully submits this Compliance Status Report (CSR) for HSI Site No. 10690 (site) on behalf of the responsible party, PM Ltd.

This Final CSR is submitted under the Voluntary Remediation Program and demonstrates that: (1) Parcel 1 of the site is currently in compliance with Type 1 risk reduction criteria for all constituents in soil and groundwater and (2) Parcel 2 of the site is in compliance with Type 5 risk reduction for all constituents in soil and groundwater. On this basis, PM Ltd. requests that the site be delisted 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. Ms. Nancy Shannon – PM, Ltd.
Ms. Joan Sasine – Bryan Cave
Ms. Scott Hitch– Nelson Mullins

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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 Rules for Hazardous Site Response, Rule 391-3-19-.07, I have determined that the following tax parcels are in compliance with Type 1 risk reduction standards for all constituents in soil and groundwater:

Tax Parcel ID No. 12-1993-0450-063-5 (Parcel 1)
Tax Parcel ID No. 12-1993-0450-062-7 (Parcel 1)

I have determined that the following tax parcels are in compliance with Type 1 risk reduction standards for all constituents in soil and Type 5 risk reduction standards for all constituents in groundwater:

Tax Parcel ID No. 12-1993-0450-063-5 (Parcel 2)
Tax Parcel ID No. 12-1993-0450-062-7 (Parcel 2)

PM, Ltd.

Joan Sasine Carla Landrum w/expressed permission

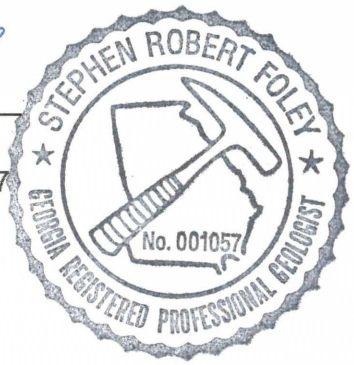
By Ms. Joan Sasine
Attorney for PM, Ltd.

July 26, 2016
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 INTRODUCTION

The former Imperial Cleaners was located at 1233B Alpharetta Highway in the northernmost tenant space of the former Kingscreek Shopping Center (Shopping Center) in the city limits of Roswell, Fulton County, Georgia. Refer to Figure 1 in Appendix B

Soil and groundwater impacts were discovered resulting in a Hazardous Site Inventory (HSI) listing in 2001. The HSI listing describes a 9.11-acre site within the Shopping Center that encompasses all of tax parcel 12-1993-0450-063-5 (the "subject site" or "site"). The HSI site was subsequently subdivided into two parcels. Parcel 1 occupies the southern and eastern portions of the HSI site. Parcel 2 occupies the northeastern portion of the HSI site and includes the area of impacted soil and groundwater associated with the former dry cleaner. Refer to Figure A-1 in Appendix A

1.1 PROPERTY DESCRIPTION

The portion of the Shopping Center that encompassed the former cleaners was enrolled in the Voluntary Remediation Program (VRP) and covered portions of tax parcels 12-1993-0450-063-5 and 12-1993-0450-062-7. A Site and Vicinity Aerial Photograph (Figure 2 in Appendix B) shows the Shopping Center property and the VRP Parcel boundary as described in the VRP Application.

The Shopping Center property was acquired from PM, Ltd. in January 2014 by the Fulton County Board of Education (BOE). PM Ltd. is a Georgia Limited Partnership with Wright Management, Inc. as its sole general partner. Partnership shares of PM Ltd. are held in trusts which are managed by SunTrust Bank as Trustee. These trusts were established under the will of William Wright for the benefit of his widow, his two children and their descendants. Title was held this way by PM Ltd. from 1986 until the Shopping Center was acquired by Fulton County in a condemnation action in 2014.

Fulton County BOE demolished the Shopping Center and ultimately acquired a total of 17.125 acres for redevelopment. Refer to the Survey Plats and Figure A-2 in Appendix A. A 14.495-acre property was designated Lot 1 which was developed into the Esther Jackson Elementary School. The remaining 2.63-acre BOE property was designated Lot 2 (herein referred to as "Parcel 2") which was regraded as an undeveloped vacant lot to separate the area of soil and groundwater impacts from the school site. Parcel 2 is subsumed within the boundaries of the VRP property as shown on Figure 3 in Appendix B.

Parcel 2 as shown on figure A-2 in Appendix A will be subject to activity and use limitations per an Environment Covenant to be filed by BOE. The covenant will include prohibitions on residential use and groundwater extraction and a restriction that any structure built on Parcel 2 must be evaluated for vapor intrusion risk and, if warranted, constructed with a vapor mitigation system.

Parcel 1 of the HSI site encompasses parts of tax parcels 12-1993-0450-063-5 and 12-1993-0450-062-7 and is currently in compliance with Type 1 risk reduction criteria for all constituents in soil and groundwater. Parcel 2 of the HSI site, which also encompasses parts of tax parcels 12-1993-0450-063-5 and 12-1993-0450-062-7, is in compliance with Type 1 risk reduction criteria for all constituents in soil and Type 5 risk reduction criteria for all constituents in groundwater.

1.2 REGULATORY BACKGROUND

On January 5, 2001, the Georgia Environmental Protection Division (EPD) listed the site on the HSI due to the detection of tetrachloroethene (PCE) in soil and vinyl chloride (VC) in groundwater. PCE, cis-1,2-dichloroethene (cis-1,2-DCE) and trans-1,2-dichloroethene (trans-1,2-DCE) were also found in groundwater. From 2001 to 2010, PM, Ltd. submitted several documents to EPD presenting the results of various investigations to characterize the geologic and hydrogeologic conditions and to assess the presence, concentrations, and limits of releases of constituents to site soils, groundwater, surface water and air. These documents include a previous Compliance Status Report (CSR) and a Revised CSR, a Corrective Action Plan (CAP) for Groundwater with subsequent amendments and revisions and periodic groundwater monitoring reports prepared in accordance with the approved CAP.

On October 14, 2010, an application to the Georgia Voluntary Remediation Program (VRP) was submitted by Amec Foster Wheeler (through its predecessor AMEC Environment & Infrastructure, Inc.) on behalf of PM, Ltd. On November 10, 2011, EPD issued a letter accepting the property into the VRP. The approved plan included periodic groundwater monitoring along with computer modeling.

In association with the condemnation by the Fulton County BOE, a Monitoring and Maintenance (M&M) Plan was authorized by EPD in a letter dated February 5, 2014 as a replacement for the VRP semi-annual groundwater reports.

Fulton County BOE proceeded to redevelop Parcel 1 with a school building, surrounding paved parking and landscaped areas. Parcel 2 was graded and partially fenced. See Figures 5 and 5A for post-grading photographs of Parcel 2 in 2015 and 2016.

This Final CSR summarizes assessment activities conducted at the site since it was listed on the HSI and documents compliance with regulatory standards under the VRP appropriate for delisting of the site from the HSI.

1.2.1 Pre-HSI Listing

Imperial Cleaners was a tenant dry cleaning business located in Suite B, at the northern end of the Shopping Center and operated on site between 1991 and 2000. Another dry cleaner at the same location operated on site as early as 1986. In 2000, the dry cleaner operations terminated at the Shopping Center and the dry cleaning machine and related equipment were removed from the building. The dry cleaner was the subject of two environmental assessments conducted by Boykin & Associates (Boykin) in March 1993 and Environmental Corporation of America (ECA) in June and July, 2000. The results of these assessments identified PCE and several of its breakdown products in soil and groundwater on site.

Based on the soil and groundwater testing results, on August 15, 2000, PM Ltd. notified the Georgia Environmental Protection Division (GA-EPD), pursuant to Hazardous Site Response Act (HSRA) requirements, of the presence of a release to soil and groundwater at the Shopping Center property.

1.2.2 Post-HSI Listing

The site was placed on the HSI on January 5, 2001 as a Class II site, designated as HSI Site Number 10690. Following the listing of the site on the HSI, Amec Foster Wheeler (through its predecessors LAW Engineering and Environmental Services, Inc. and MACTEC Engineering & Consulting, Inc.) conducted additional assessments to delineate the soil and groundwater contamination at the site. Groundwater sampling and testing was performed by Amec Foster Wheeler in 2001, 2002, 2005 and 2006.

Amec Foster Wheeler prepared a previous CSR for the subject site which was submitted to the GA-EPD on behalf of PM Ltd. on August 9, 2002. The previous CSR was revised on the basis of EPD comments in August 2005. The soil was certified in compliance with Type 4 risk reduction standards (RRS) in the previous CSR. EPD accepted the Type 4 soil RRS of 1,200 µg/kg in a letter dated June 26, 2009 (See Appendix G).

1.2.3 CAP Implementation

A Corrective Action Plan (CAP) and a Revised CAP were submitted in 2005 and 2006, respectively. A CAP for a program of monitored natural attenuation (MNA) was approved by EPD on January 11, 2007 to include quarterly groundwater monitoring events and semi-annual reports.

The approved CAP required monitoring on a quarterly basis in six wells (MW-2, MW-4, MW-5, MW-7, MW-11 and MW-12) and three surface water sampling locations (SW-1, SW-2 and SW-3) with the results reported to EPD semi-annually for a period of at least two years. The EPD later requested in a letter dated September 9, 2008 that the two deep wells on site (MW-3 and DW-1) also be included in the monitoring program.

On February 20, 2009 EPD issued a letter which requested more extensive soil delineation and assessment of groundwater conditions in the area beneath the building because it was suspected to be a potential source area.

In response to EPD's February 2009 letter, an Amendment to the Corrective Action Plan for Groundwater, dated March 20, 2009, was submitted which proposed additional soil and groundwater testing to be conducted within the former dry cleaner space following the tenant, Tuesday Morning, vacating the building. Deferment of the ninth quarterly monitoring event was also proposed until after the installation of the new wells. EPD approved the amendment in a letter dated June 26, 2009.

In August 2009, Amec Foster Wheeler installed nine soil test borings (SB-20 through SB-28) inside the vacated Tuesday Morning tenant space, three of which were converted to groundwater monitoring wells (MW-13 through MW-15). Soil testing from the borings identified concentrations of PCE which were consistent with previous findings and all results were below the established Type 4 RRS of 1,200 µg/kg. Groundwater testing from the three interior wells identified only very low concentrations of PCE and its breakdown products in one of the three wells. No VOCs were detected in MW-14, located upgradient of MW-7. Only very low VOC concentrations were detected in MW-13, upgradient of MW-2. The groundwater concentrations were significantly below those detected outside the building and were not indicative of an ongoing source of PCE contamination underneath the building. The results of this assessment were included in the Semi-Annual Groundwater Monitoring Report dated October 15, 2009.

Following its review of the report, EPD issued a letter dated February 15, 2010 which requested additional soil sampling and testing in the area outside the building, surrounding MW-7 where the

highest groundwater impacts had been consistently recorded. The purpose of this testing was to attempt to locate the source of the groundwater contamination in this area even though previous testing conducted in this area (1993, 2000 and 2001) had identified only low concentrations of PCE in soil. EPD also requested additional analysis of natural attenuation parameters in groundwater and predictive modeling of the groundwater plume. Soil testing from the borings identified concentrations of PCE which were consistent with previous findings and all below the established Type 4 RRS of 1,200 µg/kg.

1.2.4 VRP Implementation

Eight quarterly monitoring events in 2012 and 2013 were performed under the approved VRP scope which included the following activities:

1. Sampling and testing of shallow monitoring wells MW-2, MW-4R, MW-5, MW-7, MW-11R, MW-12, point of demonstration well MW-16, and deep wells MW-3 and DW-1.
2. Evaluation of natural attenuation parameters for use in groundwater fate and transport modeling.
3. Sampling and testing of surface water samples SW-1, SW-2 and SW-3 and stream flow gauging.
4. Fate and transport model calculations to point of demonstration well MW-16 and to Hog Wallow Creek.

Groundwater monitoring and fate and transport modeling results demonstrated that the migration of the contaminant plume will not occur beyond Hog Wallow Creek and will not result in an exceedance of Georgia in-stream water quality standards in the creek.

1.2.5 M&M Plan Implementation

Under the M&M Plan the following activities were approved:

1. Performance of three groundwater monitoring events in June 2014, December 2014 and June 2015.
2. Testing of five existing monitoring wells for the June 2014 and December 2014 events: DW-1, MW-2, MW-7, MW-4R and MW-11R.
3. Testing of all remaining wells for the June 2015 event: MW-4R, MW-5, and MW-12 (MW-11R was dry and all other wells had been destroyed during site redevelopment).
4. Testing of three surface water samples for the June 2015 event.
5. Preparation of an annual report for the 2014 events.
6. Preparation of a final CSR after the June 2015 event.

The approved M&M Plan has been fully implemented and this document represents the Final CSR for the site.

1.2.6 Post-VRP Activities

Following its acquisition of the property, the Fulton County Board of Education (BOE) engaged Contour Engineering (Contour) to conduct additional work in the area of the former dry cleaner. Between March 2014 and April 2015, Contour conducted the following activities:

1. Installation of 41 direct-push soil borings.

2. Testing of 125 soil samples to further assess and delineate soil impacts in the vicinity of the former dry cleaner.

3. Excavation and off-site disposal of soil impacted in excess of Type 1 risk reduction standards.

2.0 PURPOSE

This Final CSR has been prepared on behalf of PM, Ltd. for the former Imperial Cleaners site located in Roswell, Fulton County, Georgia. A Voluntary Investigation and Remediation Plan (VIRP) and VRP Application were submitted for this site on October 14, 2010 and EPD accepted the site into the VRP by letter dated November 10, 2011. Since that time, the VIRP was implemented and the work was summarized in semi-annual progress reports submitted to EPD from May 2012 through August 2013. A revised scope of work was implemented under an approved Monitoring and Maintenance (M&M) Plan and was completed as of the June 2015 sampling event. PM, Ltd. 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 DESCRIPTION OF THE RELEASE SOURCE

Results of soil and groundwater assessment activities indicate a release of a regulated substance in soil and groundwater, as defined by Rule 391-3-19-.02(2) of HSRA. This section of the Final CSR provides a description of the source of the release, as required by Rule 391-3-19-.06(3)(b)1 of HSRA. Note that much of the assessment work conducted at the site has been presented in a previous CSR dated August 9, 2002, a Revised CSR dated August 31, 2005, VRP Progress Reports submitted between May 2012 and August 2013 and an M&M Plan in June 2014.

3.1 SOURCE OF RELEASE

Information obtained to date and documented in subsequent sections of this report indicate the source of the release at the site is the dry cleaning business formerly located at the northern end of the Shopping Center building (Parcel 2). Between 1991 and 2000, this facility operated as Imperial Cleaners. We understand that another dry cleaner operated at this location as early as 1986; however, details are not available.

3.2 REGULATED SUBSTANCE RELEASED FROM THE SOURCE

The regulated substances identified in soil at the site are tetrachloroethene (CAS No. 127-18-4), trichloroethene (CAS No. 79-01-6), acetone (CAS No. 67-64-1) and toluene (CAS No. 108-88-3).

The regulated substances identified in groundwater at the site are tetrachloroethene (CAS No. 127-18-4), trichloroethene (CAS No. 79-01-6), 1,2-dichloroethene (CAS No. 253-32-3302), vinyl chloride (CAS No. 75-01-4) and toluene (CAS No. 108-88-3).

Chloroform was detected in MW-3 and MW-9, south and southwest of the former dry cleaner during Amec Foster Wheeler's 2001 assessment. The chloroform detected is believed to be related to a leaking water line located behind the Shopping Center building that was in the process of being replaced at the time. As such, chloroform is not a regulated substance associated with the release. No chloroform was detected in any well during subsequent sampling events.

3.3 CHRONOLOGY OF THE RELEASE

Specific information regarding the chronology of the release is not available. Dry cleaners were in operation at the subject site for approximately 15 years, from 1986 to 2000.

3.4 DESCRIPTION OF THE SOURCE

Based on the information obtained during the assessments at the Kingscreek Shopping Center, two potential source areas of soil contamination were identified: one area outside the back door of the facility (most likely related to a condensate discharge line) and another small area within the building in the vicinity of the former dry cleaning machine located in the rear portion of the former Imperial Cleaners tenant space. Other suspected source areas were not identified based on evidence of chemical handling, observed staining or soil testing results.

The source of groundwater contamination is thought to be the area of soil contamination located immediately outside the back door of the former Imperial Cleaners. Soil testing results obtained within the former dry cleaner indicated that PCE concentrations dropped to below laboratory detection levels above the water table in the area of the former dry cleaning machine (where elevated soil concentrations were detected) and significant groundwater impacts were not identified in three wells located within the former dry cleaner space. Significant PCE, TCE and DCE concentrations were detected in groundwater just outside the back door of the facility, adjacent to a condensate discharge line (MW-7 and nearby MW-2). The soil and groundwater sampling results are consistent with a possible discharge of PCE-contaminated water from the rear of the dry cleaner's space.

4.0 SITE SETTING

Understanding the site setting is important in evaluating the fate and transport of contaminants in the subsurface.

4.1 SITE SPECIFIC GEOLOGY

Subsurface conditions were characterized by a total of 16 groundwater monitoring wells, 16 direct-push borings, 12 mechanically augered soil test borings and 13 hand auger borings installed on the site during the course of the various assessments conducted by Boykin, ECA and Amec Foster Wheeler. During the installation of the hand auger and direct-push borings by Amec Foster Wheeler, continuous soil samples were obtained at two or four-foot intervals. During installation of Amec Foster Wheeler's drilled soil borings and monitoring wells, two-feet long soil samples were obtained at five-foot intervals using the standard penetration test and a split spoon sampling device.

The site is located in the Piedmont Geologic Region of the Appalachian Province in an area underlain by late Precambrian to early Paleozoic bedrock of the Powers Ferry Formation which is part of the Sandy Springs Group (McConnell and Abrams, 1984). The Powers Ferry Formation in the area of the site is mapped as consisting of gneiss, mica schist and amphibolite. The residual soils present in this geologic area have been formed by the in-place chemical and physical weathering of the parent rock types. Weathering is facilitated by fractures, joints, and by the presence of less resistant rock types. The typical residual soil profile consists of clayey soils near the ground surface, transitioning to sandy silts and silty sands that generally become harder with depth to the top of parent rock.

The subject site is located within a south-trending stream valley, typical of the surrounding area. This valley is occupied by Hog Wallow Creek which parallels the eastern boundary of the site.

The original topography of the site sloped east toward Hog Wallow Creek. During construction of the Shopping Center, the western portion of the site was cut into the slope and the eastern portion was filled to level the ground surface. The depth to bedrock and the thickness of the overlying material (either fill material, alluvial sediment or residual soil) varies significantly at the site, depending on the depth of fill and the proximity to the valley bottom. Refer to cross-section Figures 6 and 7 and boring logs in Appendix E. Rock is exposed within the creek bed of Hog Wallow Creek and was found at a maximum depth of approximately 37 feet in MW-3.

The soil test borings generally encountered a significant amount of fill soil which consisted of silty fine to medium sand with small rock fragments. Undisturbed virgin soils, including both alluvial sediments and residual soils, were encountered at depths ranging from less than one foot to 24 feet. The presence of fill behind (east of) the Shopping Center building is consistent with filling this area during site development, within the flood plain of Hog Wallow Creek located near the northeastern corner of the Shopping Center. MW-8, installed in the western portion of the Shopping Center, did not encounter fill material as this area of the site had been cut into the original ground slope. Immediately beyond the Shopping Center's rear driveway, the land surface dropped off sharply to Hog Wallow Creek or the creek's flood plain, accounting for a thin layer of alluvium encountered in several borings in the eastern portion of the site.

Partially weathered rock was encountered at depths ranging from 10 to 25 feet below ground surface in the area near the building. The partially weathered rock was generally characterized as silty fine to coarse sand which exhibited standard penetration resistances of greater than 100 blows per foot. Bedrock is distinguished from the overlying partially weathered rock by its greater density, generally resulting in hollow-stem auger refusal. The contact between the bedrock and the overlying partially weathered rock is gradational and was selected as the depth of auger refusal. The rock/partially weathered rock contact, as defined by auger refusal, was encountered in several borings installed by Amec Foster Wheeler at depths ranging up to 37 feet below ground surface. The depth to rock was shallowest along the creek and west of the building where cuts had been made in the original ground slope. Rock was deepest under part of the building and to the east where significant filling had occurred.

The rock/partially weathered rock contact occurred at the highest elevation in the northern portion of the site, near MW-6, and at the lowest elevation in the eastern portion of the site, in the vicinity of Hog Wallow Creek. The rock elevation data indicates a general downward sloping of the rock surface from west to east, toward the creek, paralleling the original topography. Rock outcroppings form the creek bottom along the stretch of creek behind the former dry cleaner space.

Rock core samples obtained from monitoring well MW-3 indicate that the underlying bedrock on site consists predominantly of interlayered muscovite-biotite gneiss and hornblende amphibolite (see Appendix E for well logs). The rock obtained from MW-3 tended to alternate between highly weathered amphibolite and lightly weathered gneiss. The rock core recovered during the initial ten-foot coring run consisted primarily of lightly to highly weathered gray, muscovite-biotite

gneiss which exhibited numerous fractures. However, the first core run exhibited a recovery of only 30%, indicating that much of the material was too highly weathered to remain intact. The pattern of weathering observed in MW-3 was also evident during the drilling of DW-1, MW-6, MW-7, MW-13, MW-14, MW-15 and MW-16 which were extended into rock using an air hammer. Although core samples were not obtained, substantial variations in the hardness of the rock were noted during air hammer advancement. MW-8 was terminated at auger refusal at a depth of 20 feet. Difficult drilling conditions were noted in the lower 10 feet of this boring as partially weathered rock alternated between thin layers of relatively hard material and thicker layers of softer, more highly weathered material.

Significant fracturing was noted in relatively shallow rock in MW-3. These fractures tended to be small in scale and their orientations were widely distributed. The relatively random distribution of fracture orientations indicates that numerous intersections of fracture planes are likely. The presence of a layer of highly weathered rock and large numbers of randomly oriented fractures with numerous intersections indicates that flow through the rock would likely replicate flow through a porous medium. Under such conditions, it is very unlikely that a preferred flow direction would be established as a result of the rock structure. Therefore, groundwater within the fractured rock is expected to flow in a direction similar to the groundwater above the top of rock.

Because original grain boundaries and pore-space relationships within the rocks of the Atlanta area have been altered through metamorphic recrystallization, the primary permeability of the local bedrock is very low. Groundwater flow through the bedrock aquifer occurs primarily through fractures in the bedrock. Groundwater recharge to fractured bedrock occurs primarily through seepage of precipitation through the overlying mantle of residual material. In parts of the site, the groundwater table lies beneath the top of rock, which could potentially alter groundwater flow patterns depending on fracture orientation. However, due to the highly fractured nature of the shallow rock, as observed in MW-3, groundwater flow is expected to follow a path similar to that within the soil overburden.

4.2 SITE SPECIFIC HYDROGEOLOGY

Hog Wallow Creek is a tributary of Big Creek, which is located approximately one mile south of the site. Big Creek enters the Chattahoochee River approximately two miles south of the subject site.

4.2.1 Hydraulic conductivity

As presented in the 2005 Revised CSR, slug tests were performed in three wells on site to evaluate hydraulic conductivity. The three wells were selected on the basis of the type of media in which they were screened. MW-3 was screened in rock, MW-8 was screened in residual soil/partially weathered rock and MW-9 was screened across the boundaries of fill, alluvium and residuum. The slug tests were performed by lowering a solid "slug" into each well and measuring the recovery rate of the water within the well (slug in). After the water level within the well had stabilized, the slug was removed and the recharge rate was measured (slug out). The hydraulic conductivities calculated from the slug test data are summarized in Table 2.

The slug test results indicate hydraulic conductivities at the site of $9x10^{-5}$ cm/sec in the fill/alluvial soil, 2 to $6x10^{-5}$ cm/sec in the residual soil and 20 to $30x10^{-5}$ cm/sec within the upper portion of the bedrock aquifer.

Based on the groundwater elevation data, the horizontal groundwater gradient within the shallow portion of the aquifer on site appears to be relatively consistent at approximately 4.0%. This value was utilized for the purpose of calculating the groundwater flow rate.

The hydraulic conductivity values obtained from the slug tests performed at the site are equivalent to approximately 0.06 to 0.58 ft/day. The deep well, MW-3, exhibited a somewhat higher hydraulic conductivity; however, the difference between this well and MW-8 was relatively minor (less than one order of magnitude). As it appears that the bulk of the groundwater contaminant plume occurs within the zone of fill soil behind the Shopping Center building, the slug-in hydraulic conductivity value measured for MW-9, which was screened primarily in fill and alluvium, was utilized in the calculation of groundwater flow velocity. This hydraulic conductivity (0.27 ft/day) is also between the values exhibited by the strata within the highest (rock) and lowest (residuum) values measured on site.

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) = 0.27 ft/day
i = hydraulic gradient (feet per foot) = 0.04 ft/ft
n_e = effective porosity (unitless) = 0.15

Based on the data input, an estimated groundwater velocity of 0.072 feet/day, or approximately 26 feet/year was calculated. We note, however, that PCE does not migrate at the same rate as groundwater and also is diluted as it migrates. This is evidenced by the substantial drop off in contaminant concentrations in wells located in the vicinity of Hog Wallow Creek, located approximately 100 feet from the suspected source area.

4.2.2 Vertical Hydraulic Gradient

The vertical hydraulic gradient at the site was calculated by comparing groundwater elevations within the deep well DW-1 and shallow well MW-7 located adjacent to one another near the building. Comparison of groundwater elevations from these two wells indicates an upward hydraulic gradient of approximately 0.30 ft/ft in June 2014. Such conditions are not unexpected in the vicinity of a surface water body such as Hog Wallow Creek, which is shown by the data to act as a groundwater discharge zone.

A stronger upward hydraulic gradient would be expected in the area closer to the creek as the creek acts as a local groundwater discharge area. The lack of a significant downward vertical hydraulic gradient reduces the chance for dissolved contamination to migrate downward through the water column or beyond the creek alignment. This effect is evidenced by the lack of significant levels of PCE or its breakdown constituents within the deep groundwater of MW-3 or DW-1 and the lack of contamination in MW-12 on the opposite side of the creek from the Shopping Center.

4.2.3 Groundwater flow Direction

The monitoring wells were surveyed to determine their elevations relative to the National Geodetic Vertical Datum (NGVD). During each groundwater monitoring event, the depth to groundwater from the top of each well casing was measured by Amec Foster Wheeler in all monitoring wells on site. The water level data for June 27, 2014, along with well construction data are tabulated in Table 1. The groundwater depths were used to develop the groundwater elevation contours presented on the attached potentiometric surface map (see Figure 10). This sampling event was the last to be conducted prior to the destruction of most of the wells on site during site redevelopment by Fulton County and the pattern is consistent with all other sampling events.

The groundwater elevations and the interpreted flow direction indicate that groundwater flow across the site is generally eastward across the portion of the Shopping Center property where the dry cleaner was located. Although minor variations in depth to water and groundwater flow

direction have been observed over time, groundwater flow has been consistently in an easterly direction toward Hog Wallow Creek. Groundwater in this region typically discharges into creeks or impoundments that lie in topographically low areas and is expected to discharge to Hog Wallow Creek located along the eastern boundary of the site. No other obvious variations in the local geologic conditions were identified which would be expected to cause changes in the groundwater flow direction in the area.

5.0 DELINEATION OF SOIL CONTAMINATION

Some of the data referenced in this Final CSR was obtained in the early stages of the assessment by Boykin during their March, 1993 assessment. Additional samples were collected in June and July, 2000 by ECA. Most of the soil samples referenced in this Final CSR were collected by Amec Foster Wheeler between May 2001 and March 2010. Refer to Figure 8 for boring locations and Table 3 for a summary of laboratory data, along with the following discussion.

5.1 ANALYTICAL PARAMETERS AND RATIONALE FOR SELECTION

The soil samples obtained in the initial stages of the assessment were analyzed for VOCs (SW-846 Test Method 8260B) based upon the presence of a dry cleaning facility located within the Kingscreek Shopping Center.

5.2 SAMPLING AND ANALYSIS PROCEDURES

5.2.1 Sampling Equipment and Collection Techniques

Soil samples from the auger drilled soil borings were collected using a steel split-spoon sampling device and the standard penetration test method. Samples from direct-push borings were collected by driving a steel tube, lined with a polyethylene sleeve, into the soil. The sleeve was then removed and the soil from the appropriate depth interval was collected. Soil samples from hand auger borings were collected using a stainless steel hand auger.

5.2.2 Soil Sample Handling and Preservation Techniques

Limited information is available regarding the sampling techniques employed during the Boykin and ECA assessments conducted in 1993 and 2000. The samples collected by Amec Foster Wheeler were removed from the sampling device and placed in clean sample containers supplied by the laboratory. Clean latex 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. Soil samples were collected in accordance with SW-846 Sampling Methods 5030 and 5035.

5.2.3 Equipment Decontamination Procedures

Soil sampling tools and equipment, including drill rigs, augers and split spoons were decontaminated by steam cleaning prior to beginning work on the site. During drilling operations, only clean augers were used in each borehole. Split spoons, Geoprobe sampling tubes and hand augers were decontaminated prior to the collection of each soil sample using

non-phosphate detergent, isopropyl alcohol and deionized water. During direct-push sampling, new polyethylene sleeves were used within the sampling tube for each sample collected. Clean latex 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 samples collected by Amec Foster Wheeler were logged on a chain-of-custody form that was signed by Amec Foster Wheeler's field representative and the laboratory representative upon release of the samples to the laboratory. Copies of the chains-of-custody for the Boykin and ECA samples were not available.

5.2.5 Laboratory Analytical Procedures

5.2.5.1 Standard Analytical Methods

Following delivery to the laboratory, the soil samples were analyzed for VOCs using SW-846 Test Method 8260B.

5.2.5.2 Quality Assurance/Quality Control Procedures

Quality control samples were prepared and analyzed during the assessment. These included a duplicate soil sample, trip blanks, and a rinse blank. The trip blanks were provided by the laboratory and consisted of 40-ml vials filled with water. Results of the duplicate, rinse blank and trip blank analyses are included in the laboratory reports. Results of Surrogate analyses are also included in the laboratory reports. Backup QA/QC data for these samples are included in Appendix C. No irregularities were identified by the QA/QC sampling program.

5.3 BACKGROUND SOIL CONCENTRATIONS

Because the compounds detected in soil (PCE, TCE, acetone and toluene) are not naturally occurring substances, naturally occurring background conditions on the affected portion of the site were assumed to be below laboratory detection limits.

5.4 SUMMARY OF PERTINENT SOIL DATA

Since 2001, Amec Foster Wheeler has conducted extensive soil sampling and testing, both within and outside of the former dry cleaner space. The regulated substances identified in soil at the site are tetrachloroethene (CAS No. 127-18-4), trichloroethene (CAS No. 79-01-6), acetone (CAS No. 67-64-1) and toluene (CAS No. 108-88-3). As detailed in the Revised CSR, based on the results of the soil sampling and testing conducted by Amec Foster Wheeler,

delineation of the lateral and vertical extent of contamination has been completed. Laboratory results from all soil samples analyzed are summarized on Table 3.

Dry cleaners have reportedly operated on site from approximately 1986 until 2000. The former dry cleaner was the subject of two environmental assessments prior to Amec Foster Wheeler's involvement at the site in 2001. Amec Foster Wheeler conducted a series of investigations in 2001 and 2002, prior to the submission of the original CSR. Additional assessment has been conducted in response to comments received from the EPD. The results of all soil testing activities conducted on site are summarized in Table 3 and on Figure 8.

The first assessment was conducted by Boykin in March 1993 and included the installation of four hand auger borings outside the building (designated B-1 through B-4, see Figure 8 for locations). PCE was detected in each of these soil samples at concentrations ranging from 20 to 260 micrograms per kilogram (µg/kg). The highest concentrations were detected just outside the back door of the dry cleaner in boring B-1. Other VOCs were not detected in soil during this assessment.

In June and July, 2000 Environmental Corporation of America (ECA) performed additional environmental assessment at the site. This assessment was conducted at approximately the time that Imperial Cleaners was vacating the building. ECA installed a total of six soil test borings on the site (designated SB-1 through SB-6, see Figure 8 for locations). Borings SB-1 through SB-3 were drilled soil test borings located outside the building in the rear parking area and driveway of the Shopping Center. Borings SB-1 and SB-2 were intended to be converted to groundwater monitoring wells. However, SB-1 encountered refusal above the water table and was terminated. Boring SB-2, was advanced to below the groundwater table and converted to monitoring well MW-2. A shallow (1-foot deep) soil sample was collected from SB-3. ECA also installed three hand auger borings within the dry cleaner's space (SB-4 through SB-6) to assess shallow soil conditions in the immediate vicinity of the dry cleaning equipment. PCE concentrations were detected in shallow soils within the building, with the highest concentration at 7,700 µg/kg detected in SB-6, located immediately adjacent to the former dry cleaning machine.

The results of the first two sampling events indicated that a notifiable release to soil, as defined under HSRA had occurred at the site. A release to groundwater was also identified as discussed in Section 6.0. On August 15, 2000, PM Ltd. submitted a release notification

package to the Georgia EPD. On January 5, 2001, the site was listed on the Hazardous Site Inventory (HSI Site No. 10690) for releases to both soil and groundwater.

Following the site's listing on the HSI, Amec Foster Wheeler was requested by PM Ltd. to conduct additional assessment at the site prior to the renovation of the then vacant Imperial Cleaners tenant space. This work initially included the installation of five Geoprobe borings within the building to begin the soil contamination delineation process.

In May 2001, five direct-push probe soil borings (GP-1 through GP-5) were installed on the subject site to further assess the extent and concentration of soil contamination. One boring, GP-5, was located by the former dry cleaning machine, adjacent to ECA boring SB-6, which had previously exhibited the highest PCE concentrations. This boring was extended to probe refusal and sampled throughout to allow vertical profiling of the soil contamination in the suspected source area. The remaining borings were spaced just outside of this area.

Three additional soil test borings (MW-3, SB-7 and SB-8) were installed by Amec Foster Wheeler outside the building to further investigate the extent of soil contamination and attempt to identify the source of the groundwater contamination. MW-3 was located in the rear driveway of the Shopping Center, in an area interpreted to be downgradient of the former dry cleaner. This boring was converted to a deep groundwater monitoring well to attempt to provide vertical delineation of the extent of groundwater impact. Boring SB-7 was located just outside the rear door of the former dry cleaner in an area of stained and corroded pavement. This stained area was believed to be related to a condensate discharge line which exited the building at this location. This boring was intended to characterize the vertical distribution of soil contamination in this area and evaluate it as a possible source of groundwater contamination and was extended to auger refusal, which occurred several feet above the water table. Boring SB-8 was located in the grassy area northeast of the parking lot and was intended to provide lateral delineation of soil contamination in this area.

Soil samples were collected at five-foot intervals above the top of rock using a split-spoon sampling device and the standard penetration test method. One sample each from borings MW-3 and SB-8 were selected for laboratory testing. All of the samples collected from SB-7 were tested in order to characterize the vertical distribution of contamination within this boring as this area had been identified as a potential source area. With the exception of the uppermost sample, PCE was detected throughout the depth of SB-7. VOCs were not detected in SB-8. Very low levels of PCE were detected in MW-3.

In March 2002, Amec Foster Wheeler installed a series of four additional soil test borings (MW-6, MW-8, MW-9 and MW-10) in an attempt to complete the lateral delineation of contamination at the site. These borings were then converted to groundwater monitoring wells. MW-6 was located in the parking area north of the former dry cleaner. MW-8 was located in the main Shopping Center parking lot, west of the former dry cleaner. MW-9 was located in the rear driveway of the Shopping Center and MW-10 was located along Hog Wallow Creek, east of the former dry cleaner, near the bottom of the fill slope.

MW-6, MW-8, and MW-9 were drilled using a truck-mounted drill rig and were extended to a depth approximately five feet below the water table. In the case of MW-6, an air hammer attachment was necessary to extend the boring below the top of rock. MW-8 was terminated at the top of rock. Soil samples were collected at five-foot intervals using a split-spoon sampler and the standard penetration test method. MW-10 was located adjacent to Hog Wallow Creek and was installed using a hand auger. The two-foot sample was collected as the only soil sample above the water table from this boring. The shallowest sample from each of these borings was selected for laboratory testing.

Following the receipt of the soil testing results from MW-6 through MW-10, Amec Foster Wheeler installed two additional hand auger borings to continue the lateral delineation of soil contamination. HA-1 and HA-2 were both installed along Hog Wallow Creek. HA-1 was located in the vicinity of MW-11, while HA-2 was located adjacent to MW-5. VOCs were not detected in either of the samples tested.

At the request of EPD, in July 2005 two additional soil delineation samples were collected along Hog Wallow Creek in the areas downgradient of Borings B-2 and B-4. HA-3 was located downgradient of B-2, while HA-4 was located downgradient of B-4. Chlorinated VOCs were not detected in either of the samples tested. However, acetone and toluene were detected in HA-3, located near the creek, downgradient of boring B-3.

No obvious source of either the acetone or toluene has been identified and neither compound had previously been detected in either soil or groundwater on site. Acetone is commonly detected as a false positive due to laboratory contamination. Laboratory representatives indicated that no evidence of laboratory induced contamination was evident and that the acetone detected may be an artifact of the sample preservation method as sodium bisulfate has been shown to react with certain soils to produce acetone.

Toluene had not been previously detected in soil on site and does not appear to be related to the dry cleaner release. The extent of the toluene contamination has been delineated to the south, west and north by existing borings. Boring HA-3, in which the toluene was detected, was located near Hog Wallow Creek. The eastward extent of the toluene in soil is limited by the creek, as the creek bottom is the top of rock in this area.

Between January 2006 and August 2009, eight probe borings (SB-10 through SB-17) and nine auger drilled soil test borings (SB-20 through SB-28) were installed inside the building. The purpose of these borings was to further attempt to identify the source of the release or any remaining source materials. The borings were extended to probe or auger refusal. Three of the auger borings were then extended into rock and converted to monitoring wells as discussed in Section 6.3.

PCE was the only chlorinated VOC detected in the 36 soil samples tested during these two phases of the assessment. No other degradation products of PCE were detected in soil. These findings were generally consistent with previous soil testing results obtained from the site. The highest PCE concentrations were detected in the western portion of the former dry cleaner space. None of the soil samples tested exhibited PCE concentrations in excess of the site-specific Type 4 RRS of 1,200 µg/kg approved for the site in associated with the 2005 Revised CSR. Acetone was the only other constituent detected, at concentrations below its approved RRS. As discussed in Section 3.3. Groundwater testing conducted within the building had failed to identify higher groundwater impacts upgradient of MW-2 and MW-7.

At EPD's request, in March 2010, six more soil test borings (SB-29 through SB-34) were installed around MW-7 to again try to search for a specific source for the groundwater impacts identified in MW-7. SB-29 through SB-31 were installed closest to MW-7, while SB-32 through SB-34 were located farther out from MW-7. The plan was to test soil samples from the inner ring of borings and, if warranted by the initial findings, test additional samples from the outer ring of borings. The borings were extended to probe refusal which was encountered just below the water table. The laboratory testing results again identified PCE as the only chlorinated VOC detected in the nine soil samples tested, at concentrations well below the Type 4 RRS. Two samples also exhibited acetone, at concentrations well below its approved RRS. These findings were generally consistent with previous soil testing results obtained from the site.

The soil testing results obtained from this area were consistent with the findings of the previous soil assessments and did not identify an obvious source of groundwater contamination.

Based on the results of the soil sampling and testing conducted by Amec Foster Wheeler, delineation of the lateral and vertical extent of contamination was completed in 2010.

Following its acquisition of the property, the Fulton County BOE engaged Contour Engineering to conduct additional soil assessment in the area of the former dry cleaner. Between March and July 2014, Contour installed a series of 41 direct-push soil borings to further evaluate and delineate the extent of soil impacts. Complete details of this assessment have not been supplied to Amec Foster Wheeler, but Contour did supply its tables, figures and laboratory data (see Appendix H). The data indicate the presence of primarily PCE, along with very limited detections of other VOCs in the area in and immediately surrounding the former dry cleaner. These data were later utilized by Contour in its soil remediation activities, as described in Section 7.2.

6.0 HORIZONTAL AND VERTICAL EXTENT OF GROUNDWATER CONTAMINATION

Groundwater assessment activities on site were initiated by ECA in July 2000 with the installation of a groundwater monitoring well (MW-2). A second well (MW-1) was planned at that time, but auger refusal was encountered above the water table and the boring was abandoned. Amec Foster Wheeler continued the assessment in July 2001 with the installation of a deep groundwater monitoring well (MW-3) and two shallow wells (MW-4 and MW-5). Seven additional wells (MW-6 through MW-12) were installed in March, April and June 2002. Another deep well (DW-1) was installed in March 2006 to investigate deep water conditions in the source area. Replacement wells (MW-4R, MW-11R and MW-12R) were installed in 2007. Three wells (MW-13 through MW-15) were installed in August 2009 to investigate groundwater conditions beneath the building. One well (MW-16) was installed in October 2012 as a demonstration well to characterize groundwater conditions between MW-7 and MW-11R for modeling.

The activities conducted by Amec Foster Wheeler addressed the vertical and horizontal extent of groundwater contamination on the site. Since listing on the HSI in 2001, Amec Foster Wheeler has performed the following groundwater monitoring events:

- 5 events as part of site characterization and previous CSR preparation in 2001, 2002 and 2005;
- 13 events as part of CAP implementation between 2007 and 2010;
- 8 events as part of VRP implementation in 2012 and 2013; and
- 3 events as part of the M&M Plan implementation in 2014 and 2015.

The laboratory report for the most recent event in June 2015 is attached in Appendix D. The laboratory reports for all other sampling events were submitted in prior reports.

6.1 ANALYTICAL PARAMETERS SELECTED

Based on the presence of a dry cleaning facility in the area under study, the groundwater samples collected were analyzed for VOCs (SW-846 Method 8260 or 8260B).

6.2 GROUNDWATER MONITORING WELL LOCATIONS, AND INSTALLATION AND CONSTRUCTION METHODS

The locations of the groundwater monitoring wells are shown on Figure 9. See Table 1 for a summary of well construction details and Appendix E for boring logs. Please note that no boring logs were available for boring SB-1 and MW-2 installed by ECA.

6.2.1 Type of Well Casing Material

Monitoring wells MW-2 and MW-4 through MW-16 consist of two-inch diameter, Schedule 40 PVC well casing and screen with threaded joints. The deep Type III wells, MW-3 and DW-1 consist of an inner two-inch diameter PVC casing within an outer six-inch casing which had previously been grouted into place at auger refusal depth. The borings were extended through the outer casing an additional 15 feet prior to installation of the inner casing. Monitoring wells MW-4, MW-5, MW-10, MW-11 and MW-12 originally consisted of one-inch diameter PVC casing installed within hand auger borings located in the vicinity of Hog Wallow Creek. This well installation method was employed because difficult terrain along the creek precluded the use of a drill rig. No PVC cement was utilized during well construction. MW-4, MW-5, MW-11 and MW-12 were later replaced with 2-inch diameter wells installed using a hand auger.

6.2.2 Description of Well Intake Design

6.2.2.1 Screen Slot Size and Length

Each of the wells on site was constructed with 0.01-inch factory slotted PVC well screen. Monitoring wells MW-2, MW-6, MW-7, MW-8, MW-9, MW-13, MW-14, MW-15 and MW-16 utilized a ten-foot screen length which spanned the water table. Monitoring wells DW-1 and MW-3 utilized a five-foot screen length, with the top of the screen installed below the water table. Monitoring wells MW-4, MW-5, MW-10, MW-11 and MW-12 utilized a five-foot screen length which spanned the water table.

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 generally extended to a height of approximately two feet above the top of the screen. In the shallow wells located near Hog Wallow Creek, the shallow depth of water necessitated the use of less sand above the screen.

6.2.2.3 Method of Filter Pack Emplacement

The sand pack in the drilled 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 borehole. Sand was placed around the hand augered well screens by pouring the sand around the well screen from the surface. The filter pack was then sealed from above with an approximate two-foot layer of hydrated bentonite clay. Again, the shallow depth to water in the hand augered wells necessitated the use of less bentonite above the sand pack.

6.2.2.4 Surface Seal

The drilled wells were grouted to within approximately six inches of the ground surface and capped with lockable well caps. These wells were then topped with flush mount steel covers (Type II well construction). Well construction for the deep Type III well, MW-3 and DW-1, consisted of a six-inch diameter outer casing which was grouted into place to isolate the upper portion of the aquifer. The casing was then reamed out and the inner well drilled and completed as described above. The hand augered wells were sealed with grout from the top of the bentonite seal to the ground surface.

6.2.2.5 Well Development Methods and Procedures

Following installation, the monitoring wells were developed to remove fine grained formation materials. Development of the well installed by ECA reportedly consisted of removing at least five well volumes of water. Development of the wells installed by Amec Foster Wheeler was conducted by bailing with clean disposable polyethylene bailers and polypropylene rope. During well development, the pH, temperature and conductivity of the water were measured after each volume of water was removed. Development continued until the three parameters stabilized. A minimum of five well volumes of water were removed from each well.

6.3 SAMPLING AND ANALYSIS PROCEDURES

Monitoring well MW-2 was sampled by ECA in July 2000. Monitoring wells MW-3, MW-4 and MW-5 were sampled by Amec Foster Wheeler in July, 2001. Monitoring wells MW-6, MW-7, MW-8, MW-9 and MW-10 were sampled by Amec Foster Wheeler in March, 2002, MW-11 was sampled by Amec Foster Wheeler in April, 2002 and MW-12 was sampled by Amec Foster Wheeler in June 2002. The groundwater samples collected by Amec Foster Wheeler in 2001 and 2002 were submitted to ASI in Norcross, Georgia for chemical analysis.

All of the monitoring wells were resampled by Amec Foster Wheeler in 2005. The groundwater samples collected by Amec Foster Wheeler in 2005 were submitted to Analytical Environmental Services (AES) in Atlanta, Georgia. The samples were analyzed for VOCs using SW-846 Test Method 8260B.

From 2007 to 2010, 13 quarterly groundwater monitoring events were conducted at the site in accordance with the approved CAP. The first seven events included the following six wells: MW-2, MW-4, MW-5, MW-7, MW-11 and MW-12. At EPD's request, the two deep wells were added, beginning with the November 2008 event. Upon the site's acceptance into the VRP, an

additional 8 quarterly monitoring events were conducted in 2012 and 2013 for the eight well network. Upon acceptance of the M&M Plan, three final monitoring events were conducted in 2014 and 2015. The last of these events, conducted in June 2015, included only MW-4R, MW-5 and MW-12 adjacent to the creek as MW-11R was dry and BOE construction activities had destroyed the remaining wells.

6.3.1 Groundwater Elevation

Groundwater levels were measured in each well from the top of the well casing. As discussed in Section 5.3, a level survey was conducted to measure the geodetic elevation of the top of each well casing.

6.3.2 Well Evacuation Procedures

During Amec Foster Wheeler's groundwater monitoring events, the wells were purged until the temperature, pH and conductivity of the groundwater stabilized. A minimum of three well volumes of water were removed during well purging. The field parameters measured during well development and purging were included in the previously submitted Groundwater Monitoring Reports and VRP Progress Reports.

6.3.3 Groundwater Sampling, Handling and Preservation

During Amec Foster Wheeler's 2001 and 2002 assessments, groundwater samples were collected using new, disposable high density polyethylene (HDPE) bailers. All bailers were discarded immediately after use. During the 2005 sampling event, disposable Teflon bailers were used for sample collection. Subsequent sampling events utilized a peristaltic pump and Teflon-lined tubing for sample collection via the "straw method". Clean latex gloves were worn during all development and sampling activities and were changed between each well location.

Samples were collected and poured into clean glass 40 ml vials, supplied by the laboratory. The bottles contained hydrochloric acid as a preservative. Following sample collection, the bottles were stored on ice in a cooler until they were transferred to the laboratory. The samples were maintained under 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 disposable bailers, rope and/or tubing at each sampling location. Latex gloves were also worn and changed between

each sampling location. Bailers were 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

Following delivery to the laboratory, the groundwater samples were analyzed for VOCs. The samples collected by ECA were analyzed using SW-846 Test Method 8260 while those collected by Amec Foster Wheeler were analyzed using SW-846 Test Method 8260B.

6.3.5.2 Quality Control Samples

The groundwater samples were maintained under chain-of-custody control and submitted to ASI for testing. One duplicate groundwater sample was submitted for testing for quality control purposes. Trip blanks prepared by the laboratory were also submitted for testing. According to laboratory representatives, QA/QC was conducted in accordance with the laboratory analysis selected, EPA Test Method 8260B.

6.3.5.3 Chain-of-Custody Procedures

The collected samples were maintained on ice and under chain-of-custody control from the time of collection until they were released to the laboratory. The chain-of-custody records documenting the transfer of the samples to the laboratory are included in the laboratory reports in Appendix C.

6.4 BACKGROUND GROUNDWATER QUALITY

Groundwater monitoring wells MW-6, MW-8, MW-9, MW-10 and MW-12 are located outside the contaminant plume and represent background conditions at the subject site. Because the compounds in question, PCE, TCE, DCE and vinyl chloride are not naturally occurring substances, naturally occurring background conditions at the subject site were assumed to be below laboratory detection limits.

6.5 SUMMARY OF GROUNDWATER TESTING RESULTS

Refer to Figure 9 for the locations of groundwater monitoring wells, along with the following discussion. Also refer to Figures 6 and 7 for cross sections with groundwater testing results.

In July, 2000, ECA performed an Environmental Site Investigation in the surrounding area of the former Imperial Cleaners facility to explore the potential for a release from the dry cleaning facility. ECA initially installed four soil borings (SB-1 through SB-4) around and within the dry cleaning

facility which was just being vacated at that time. One soil boring, SB-2, was extended below the groundwater table and converted to a groundwater monitoring well (MW-2). Boring SB-1 was also intended to be converted to a well (MW-1), but auger refusal was encountered above the water table and the boring was discontinued. ECA collected a groundwater sample from MW-2 and analyzed it for VOCs. The laboratory results identified PCE, TCE, DCE and vinyl chloride in the groundwater sample at concentrations above the laboratory detection limits.

Subsequent monitoring events indicated that MW-2 represented one of the source area wells as indicated by the higher concentrations of PCE and other chlorinated VOCs (CVOCs), breakdown products of PCE. PCE concentrations in MW-2 peaked at 2,700 µg/L in September 2006 and have decreased significantly since that time. Concentrations of the PCE breakdown products TCE, DCE and vinyl chloride have fluctuated over time, but have also decreased significantly since monitoring began. These results indicate that significant natural attenuation is occurring in the area around MW-2.

In August, 2001, Amec Foster Wheeler installed three monitoring wells (MW-3 through MW-5) at the subject site. MW-3 was a deep Type III well located behind and downgradient of the former dry cleaner. This well was intended to evaluate whether deep groundwater within the rock had been impacted by the release from the former dry cleaner. MW-4 and MW-5 were located near Hog Wallow Creek to attempt to define the downgradient extent of the plume. Groundwater samples from each well were collected and analyzed for VOCs. The laboratory results identified PCE and cis-1,2-DCE in the groundwater sample collected from MW-4 at concentrations of 3 and 10 µg/l, respectively. Chloroform was detected in the deep well, MW-3, at a concentration of 10 µg/l. The chloroform was thought to be related to the use of potable water during rock coring, and is not related to the reported release. Neither PCE nor any of its breakdown products were detected in MW-3. VOCs were not detected in MW-5.

Subsequent monitoring of MW-4 (replaced by MW-4R in July 2007) has sporadically identified very low concentrations of CVOCs. Cis-1,2-DCE is the only VOC detected in this well since February 2012. MW-5 has exhibited two detections of cis-1,2-DCE, at concentrations just above the detection limit.

Regular monitoring of MW-3 began in 2008. With the exception of one detection of a low level of PCE in March 2010, VOCs have not been detected in this well. The results obtained from the

deep well, MW-3, indicate that the groundwater contamination does not extend to the deeper portion of the aquifer and that the groundwater contamination has been vertically delineated.

In March, 2002, Amec Foster Wheeler installed five additional monitoring wells (MW-6, MW-7, MW-8, MW-9 and MW-10) on the site to attempt to delineate the lateral extent of groundwater contamination. MW-6 was installed in the parking lot north of the former dry cleaner. MW-7 was located just outside the back door of the former dry cleaner and was intended to investigate groundwater conditions in this potential source area. MW-8 was located in the front parking lot of the Shopping Center, northwest of the former dry cleaner. MW-9 was located in the rear driveway of the Shopping Center, southwest of the former dry cleaner. MW-10 was located along Hog Wallow Creek, near the upstream boundary of the Shopping Center property.

Groundwater samples from these five wells were collected and analyzed for VOCs. Of the five wells installed, only one, MW-7 exhibited VOCs related to the former dry cleaning operations. MW-7 was located just outside the rear door of the former dry cleaners. Chloroform was detected in MW-9, southwest of the former dry cleaners. The chloroform detected is believed to be related to a leaking water line located behind the Shopping Center building. This water line was in the process of being replaced at the time of Amec Foster Wheeler's assessment.

Because no PCE or breakdown products were detected in MW-6, MW-8, MW-9 and MW-10 and these wells were determined to be located outside of the plume, they were not included in future sampling events. MW-7 was regularly sampled during the quarterly monitoring events beginning in 2007. Data from this well also indicated this was a source area well and it exhibited the highest CVOC concentrations on the site. CVOC concentrations were observed to generally rise over time between 2007 and June 2010 when the PCE concentration peaked at 4,800 µg/L. PCE breakdown products were also observed to peak at that time. Since 2010, CVOC concentrations have generally decreased, although with some fluctuations. Although natural attenuation is observed at this location, subsurface conditions are different from those observed at MW-2, resulting in slower breakdown of CVOCs (see Table 5).

In April 2002, Amec Foster Wheeler installed monitoring well MW-11 along the western bank of Hog Wallow Creek. This well was installed in the area interpreted to be directly downgradient of the source of the groundwater contamination, based on the March 2002 groundwater elevation data. Low levels of PCE and its breakdown products were detected in MW-11. MW-11 was replaced with MW-11R in July 2007. The well boring was terminated on rock, just below the water table. As a result, this well has been dry during several of the quarterly monitoring

events. Low concentrations of several CVOCs were identified in MW-11/11R during the first several monitoring events. A notable increase in CVOC concentrations was observed in this well, beginning in 2010, although the concentrations tended to fluctuate significantly from one event to another.

In order to confirm that the creek represented the horizontal delineation of groundwater contamination downgradient of the suspected source area, Amec Foster Wheeler obtained permission from the adjacent property owner, Mr. Maxwell Thomas, to install an additional well on the eastern bank of Hog Wallow Creek in April 2002. Based on the local hydrogeology and Amec Foster Wheeler's experience, Hog Wallow Creek was expected to act as a discharge zone for shallow groundwater in the site vicinity. MW-12 was located in the area downgradient of the former dry cleaner, across the creek to the east of MW-11. VOCs were not detected in MW-12. MW-12 has been included in the quarterly monitoring program from it outset. No CVOCs have been detected in this well, confirming that Hog Wallow Creek acts as a natural drainage boundary.

At the request of EPD, in August 2009, Amec Foster Wheeler installed three additional monitoring wells inside the former dry cleaner tenant space. The purpose of the new wells was to collect groundwater data from within the suspected source area. The locations for monitoring wells MW-13 and MW-14 were selected on the basis of their locations with respect to former operations within the building and because they were located immediately upgradient of the two on-site wells which have exhibited groundwater impacts (MW-2 and MW-7). MW-13 was installed between monitoring well MW-2 and the former location of the dry cleaning machinery. MW-14 was installed inside the former dry cleaner, in an area interpreted to be directly upgradient of monitoring well MW-7. MW-15 was installed as an upgradient well near the northwest corner of the former dry cleaner tenant space.

These three borings were extended 8 to 12 feet into rock from their refusal depths using an air hammer attachment to the drill rig to allow the borings to be extended sufficiently below the water table for well installation.

The groundwater testing results obtained from the newly installed wells inside the building identified only low concentrations of PCE and two of its degradation products (TCE and cis-1,2-DCE) in MW-13 located immediately downgradient of the former dry cleaning machinery. VOCs were not detected in either MW-14 or MW-15. The VOC concentrations detected in MW-13 were well below those previously encountered in either MW-2 or MW-7, located just outside the

building. Based on these findings, these wells were not resampled in subsequent monitoring events.

In October, 2012, again at EPD's request, MW-16 was installed in the area downgradient of MW-7 and upgradient of MW-11R to monitor conditions immediately downgradient of the suspected source area. Results from this well indicated the presence of PCE and its breakdown products at concentrations consistently between those observed in MW-7 and MW-11R. The highest CVOC concentrations were observed during the initial sampling event. Subsequent events showed a general decline in CVOC concentrations over the next seven sampling events. The relative concentrations of PCE and its breakdown products indicate increased natural attenuation in this area compared to the area around MW-7 as would be expected as contaminants migrate.

The final three groundwater monitoring events were conducted on a semi-annual basis under the provisions of the Groundwater Monitoring and Maintenance Plan. The first two of these sampling events included monitoring wells MW-2, MW-4R, MW-7, MW-11R and DW-1. The final sampling event, conducted in June 2015, included MW-5, MW-4R and MW-12 as the only wells on site that had not been destroyed by construction activities.

The results of these monitoring events documented significantly reduced CVOC concentrations in the source area, particularly in MW-2, compared to historic concentrations.

CVOC concentrations in MW-7 were consistently higher than those observed in MW-2, but PCE concentrations remained below historic highs. Although PCE degradation in MW-7 was not as apparent as observed in MW-2, significant increases in TCE and DCE concentrations, particularly in the final sampling event for this well were noted, indicating increased degradation rates.

MW-4R exhibited low concentrations of cis-DCE during these last sampling events. The cis-DCE concentrations were well below the applicable RRS and no other CVOCs were detected in this well.

MW-11R, because of its location and the depth to rock, was dry on several occasions, including the last event, and could not always be sampled. When it was sampled, CVOCs were identified at relatively low concentrations, with evidence of significant PCE degradation. The CVOC

concentrations in MW-11R remained at least two orders of magnitude below the maximum allowable concentrations to maintain compliance with in-stream water quality standards.

The sentinel wells MW-5 and MW-12R were sampled during the final event. CVOCs were not detected in MW-12R, consistent with all previous data. Cis-1,2-DCE was detected in MW-5 just above the reporting limit (but well below its MCL and Type 1 RRS) during the June 2015 sampling event. This compound had been previously detected at a similar concentration in MW-5 during the October 2012 sampling event.

6.6 SUMMARY OF SURFACE WATER TESTING RESULTS

During the July 2001 sampling event, Amec Foster Wheeler collected surface water samples from two locations along Hog Wallow Creek to evaluate potential impact to the surface water from the groundwater plume. SW-1 was collected near the upstream boundary of the site and was intended as a background sample location for comparison purposes. The second surface water sample, SW-2, was collected just downstream of monitoring well MW-4. VOCs were not detected in the surface water samples.

In July 2005 another round of surface water sampling was completed which included a third sample collected from the area between MW-11 and MW-12, directly downgradient of the former dry cleaner. No VOCs were detected in this surface water sampling event.

Between March 2007 and October 2013, surface water samples were collected during each of the groundwater monitoring events and again during the final monitoring event in June 2015. No chlorinated VOCs were detected in the surface water during these monitoring events. Styrene was detected in all three samples, including the upstream sample, during the March 2010 event. However, this compound is not related to any cleaning products and it was apparent from the findings that it was related to an off-site release. It was never detected during subsequent sampling events. VOCs have not been detected in surface water during any of the subsequent sampling events.

7.0 SUMMARY OF REMEDIAL MEASURES COMPLETED TO DATE

7.1 ENHANCED FLUID RECOVERY

As detailed in the September 2007 and March 2008 Semi-Annual Groundwater Monitoring Reports, in accordance with the October 2006 CAP, three Enhanced Fluid Recovery (EFR) events were conducted at the subject site on June 13, 2007, August 7, 2007 and December 17, 2007. Each event consisted of a 24-hour high vacuum extraction event utilizing two extraction points, MW-2 and MW-7. These are the two wells located closest to the area of the release and the two wells on site which have exhibited the highest VOC impacts.

A fourth 24-hour EFR event was conducted at the site in 2010. In addition to extraction from MW-2 and MW-7, this EFR event also included two wells (MW-13 and MW-14) located inside the building. Although only very low concentrations of chlorinated VOCs had previously been detected in groundwater from the wells inside the building, these interior wells were included in the last EFR event to aid in the removal of soil vapors contained within the vadose zone beneath the building. The four EFR events resulted in the cumulative removal of approximately 950 gallons of water and 7.52 pounds of CVOCs.

7.2 FULTON COUNTY SOIL REMOVAL

Following its acquisition of the property, the Fulton County BOE engaged Contour Engineering to perform additional soil assessment activities on Parcel 2 in preparation for soil remediation activities conducted in the vicinity of the former dry cleaner. The purpose of this additional assessment was to further delineate the extent of soil impacts in excess of Type 1 RRS. These activities were performed between March and July 2014 and included the installation of 41 direct-push soil test borings (SD-1 through SD-15, SD-16A, SD-16B, SD-17 through SD35, B-36 through B-40). A total of 125 soil samples from these borings were tested for VOCs. The testing identified PCE in the majority of the borings with much less frequent detections of TCE and DCE. No vinyl chloride was detected in the soil samples. Acetone was detected in four samples and ethylbenzene, xylene, dibromochloromethane and carbon disulfide were each detected once. The results of the additional assessment and delineation are summarized in Contour's Table 1 and on Contour's Figures 3, 4 and 7 in Appendix H. Contour's complete laboratory data reports are also included on a CD in Appendix H.

The delineation data was used by Contour to bound the extent of the soil excavation. As illustrated on Contour Figure 7, the excavation limits were extended to the perimeter as defined

by those delineation samples that were compliant with Type 1 RRS except for one small area on the southern portion of the excavation. Following the delineation sampling and testing, in July 2014, Contour Engineering oversaw the soil remediation activities conducted on Parcel 2, including the removal of soil exceeding Type 1 RRS and the collection of confirmation samples from three additional locations (CS-1 through CS-3) in the southern portion of the excavation. The impacted soils were transported off site for disposal in a permitted landfill.

8.0 RISK REDUCTION STANDARDS

The subject site is located in Roswell, Georgia in an area which is primarily a mixture of commercial and residential properties. The property immediately east of the former Shopping Center in the area adjacent to the contaminant plume consists of undeveloped property owned by Mr. Maxwell Thomas. Hog Wallow Creek forms the boundary between the Shopping Center property and the Thomas property. Farther to the east is a residential development. The areas north and west of the Shopping Center are commercially developed while the area south and southeast are occupied by the recently developed school property.

Groundwater sampling conducted between 2000 and 2015 detected PCE and its breakdown products in groundwater beneath the site. Chloroform was also detected in groundwater in two wells in 2001 and 2002, although it is not thought to constitute a release nor be related to the release from the former dry cleaner. This compound is commonly detected in potable water as a result of municipal water treatment. In both instances in which chloroform was detected, potable water sources were identified which could have impacted the wells. Chloroform was not detected in any well during subsequent sampling events. Groundwater is not currently utilized on the site.

As described in 391-3-19-.06(4)(a), once the extent of regulated substances in soil and groundwater have been delineated, a comparison against Risk Reduction Standard (RRS) criteria must be made. RRS are based on property use (residential or non-residential) and certain site-specific factors. As defined under HSRA, “a non-residential property means any real property not currently being used for human habitation or other purposes with a similar potential for human exposure, at which activities have been or are being conducted that can be categorized in one of the 1987 Standard Industrial Classification (SIC) major groups 01-97 inclusive (except for the four digit codes 4941, 8051, 8059, 8062-3, 8069, 8211, 8221-2, 8351, 8661, and 9223)”. As such, the site falls within the definition of non-residential property. Therefore, the Former Imperial Cleaners site may certify compliance with residential or non-residential RRS criteria.

8.1 SOIL CRITERIA

Amec Foster Wheeler calculated both residential and non-residential Risk Reduction Standards for constituents detected in soil. Type 1, 2, 3 and 4 RRS were calculated for PCE and TCE using default exposure assumptions (see Appendix G). As summarized on Table 7, Parcel 2

satisfies Type 1-4 RRS criteria calculated for potential exposure to soil for TCE, acetone and toluene.

On Parcel 1 near its boundary with Parcel 2, soil samples from HA-1, MW-8 and MW-9 did not detect VOCs as depicted on Figure 8. As such, Parcel 1 satisfies Type 1 RRS for soil.

In order to evaluate the potential for VOCs to leach from the contaminated soils and impact groundwater, in 2003 two samples were collected from beneath the former dry cleaner where elevated VOC concentrations were detected. LCH-1 was collected from the location of GP-3-4, near the northern wall of the building. LCH-2 was collected from the location of GP-5-16, adjacent to the former dry cleaning equipment. GP-5-16 exhibited a PCE concentration of 1,200 µg/kg, the highest concentration detected during Amec Foster Wheeler's soil testing. The samples were tested for leachability using the Synthetic Precipitation Leaching Procedure (SPLP). The results of the leachability tests, along with the total VOC concentrations measured in these areas are presented in Table 7.

The total VOC analyses indicated PCE was present at these locations at concentrations of 650 and 1,200 µg/kg in GP-4-4 and GP-5-16, respectively. PCE was the only compound detected in these samples in the total VOC analyses. The SPLP test results indicated that VOCs did not leach from the soil above the laboratory detection limits of 0.2 mg/l.

As a result of the leachability testing results, GA-EPD approved a Type 4 RRS for PCE of 1,200 µg/kg for the site. However, as a result of the remediation activities described in Section 7.2, Parcel 2 satisfies Type 1 RRS for all constituents in soil.

8.2 GROUNDWATER CRITERIA

Amec Foster Wheeler also calculated RRS for the constituents detected in groundwater on site. Again the Type 1, 2, 3 and 4 RRS criteria were derived using default exposure assumptions. HSRA RRS criteria for groundwater for the site-specific regulated substances are summarized in Table 7 with the highest concentration of each substance. Complete RRS calculations are presented in Appendix G.

Based on the groundwater samples obtained from MW-2 and MW-7, Parcel 2 does not comply with any of the Type 1-4 groundwater RRS for PCE, TCE or vinyl chloride. Parcel 2 will comply with Type 5 RRS upon execution of the Environmental Covenant.

Based on the groundwater samples obtained from MW-8, MW-9 and MW-12R, Parcel 1 complies with Type 1 RRS for groundwater.

Of the 16 wells installed at the site, groundwater quality in only two wells (MW-2 and MW-7) exceeded the non-residential RRS. These wells were within 50 feet of each other and were surrounded by wells which comply with Type 2 and Type 4 RRS. As such, the out-of-compliance portion of the plume is demonstrated to be small and contained on the 2.63-acre Parcel 2 as depicted on Figure 4.

9.0 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.

9.1 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.

Both residential and non-residential Risk Reduction Standards (RRS) for constituents detected in soil were calculated. Type 1, 2, 3 and 4 RRS were calculated for PCE, TCE, acetone and toluene using default exposure assumptions. As shown in Appendix G, the site satisfies all RRS criteria calculated for potential exposure to soil for TCE, acetone and toluene. The HSRA Type 1 through Type 4 RRS criteria for soil for the regulated substances are shown in Table 7 along with the highest concentration detected and the corresponding sample location.

The maximum concentration of PCE detected in soil between 2001 and 2006 was 1,200 µg/kg. This concentration is well below the direct contact RRS of 16,000 µg/kg. No samples collected by Amec Foster Wheeler or other consultants exceeded the direct contact RRS.

In order to evaluate the potential for VOCs to leach from the contaminated soils and impact groundwater, in 2003 two samples were collected from the beneath the former dry cleaner where PCE concentrations were detected up to 1,200 µg/kg (the maximum concentration ever detected by Amec Foster Wheeler). The samples were tested for leachability using the Synthetic Precipitation Leaching Procedure (SPLP, see Table 6). As a result of the leachability testing results, GA-EPD approved a Type 4 RRS for PCE of 1,200 µg/kg for the site.

Based on these results, soil on Parcel 2 was determined to be in compliance with Type 4 RRS prior to its acquisition by Fulton County. EPD accepted the Type 4 RRS in a letter dated June 26, 2009.

Fulton County decided to remove impacted soils from the area of the former dry cleaner during its redevelopment of the property. Following demolition of the structures on site and preliminary grading, impacted soils in the area of the former dry cleaner were excavated and disposed of in April 2015, according to an interview with Mr. Ken Jacobs, Construction Manager for Hogan Construction. Complete details regarding this removal have not been supplied by Contour. However, Amec Foster Wheeler has been supplied with the assessment data and confirmation data regarding the soil removal. Relevant tables and figures as well as the laboratory data reports are included herein in Appendix H.

Based on Fulton County's soil removal effort, Parcel 2 is in compliance with a Type 1 RRS and the soil exposure pathway is no longer complete.

9.2 GROUNDWATER CRITERIA

As detailed in the Revised CSR, a water usage survey was previously conducted for the area surrounding the site to identify active drinking water sources in the site vicinity. The nearest domestic drinking water well was located approximately 0.8 miles from the site. This well location along a tributary of Hog Wallow Creek, upstream of the subject site, will not be impacted by the release. No active domestic drinking water wells are located downgradient within one mile of the site. Another unconfirmed domestic drinking water well in the general vicinity of the site was located approximately 1.5 miles to the southeast across both Hog Wallow Creek and across Big Creek along Grimes Bridge Road. The regional groundwater flow in this area is toward the Chattahoochee River to the south. Therefore, this well is located sidegradient of the regional groundwater flow path and separated from the site by two drainage divides, Hog Wallow Creek and Big Creek. As stated previously, only the shallow groundwater at the subject site has been affected by the release and there is an upward hydraulic gradient in the area of the release. The Grimes Bridge Road well is set within the bedrock aquifer, at a depth of over 300 feet. In addition, it is located across both Hog Wallow Creek and Big Creek from the site, both of which would serve as barriers to prevent the migration of shallow groundwater from the site to this well. Based on research, no drinking water wells have been identified which could be impacted by the release from the site.

The City of Roswell obtains much of its water from the Fulton County municipal water system, although it also maintains a surface water intake on Big Creek, located just upstream from the confluence with Hog Wallow Creek. Because the City of Roswell intake on Big Creek is located upstream from the Hog Wallow Creek confluence, there is no potential for impact to the surface water intake.

Previous groundwater testing results (Figure 9, Table 4) as well as groundwater fate and transport modeling results (Appendix F) indicate that migration of groundwater will be limited to the area of the site located between the former dry cleaner and Hog Wallow Creek. Lateral migration of impacted groundwater off the former Shopping Center property has not been identified in the past and is not predicted in the future based on site hydrogeology and groundwater modeling results.

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 (Table 7 and Appendix G). Based on the groundwater samples obtained from MW-2 and MW-7, Parcel 2 does not comply with any of the type 1-4 groundwater RRS for PCE, TCE or vinyl chloride. Parcel 2 currently meets Type 4 RRS for cis-1,2-dichloroethene and trans-1,2-dichloroethene. Although groundwater conditions are not currently in compliance with applicable Type 1-4 RRS, there is no use of groundwater for drinking and the risk to human health and the environment posed by the groundwater on site is negligible. Parcel 2 will comply with Type 5 RRS upon execution of the Environmental Covenant using institutional controls. 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.

Long-term groundwater monitoring and 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 the plume (Appendix F). As such, the site is in compliance with appropriate groundwater criteria under the VRP.

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

9.3 SOURCE

Concentrations of dissolved VOCs in groundwater are all well below the aqueous solubilities for the various compounds detected on site. No evidence of highly contaminated soils indicative of a potential free product condition has been identified and, reportedly, impacted soils from the source area have been removed by the BOE. The concentrations of PCE detected in groundwater from MW-7 historically have been slightly in excess of 1% of the aqueous solubility of PCE during some of the monitoring events. However, the PCE concentration detected in the most recent December 2014 event was well below the historic maximum and no direct indications of a dense non-aqueous phase liquid (DNAPL) condition have been observed.

Impacted soils in the area of the former dry cleaner have been remediated to below Type 1 RRS, thereby eliminating these impacted soils as a future source of groundwater impacts.

9.4 SURFACE WATER

On-site groundwater discharges into Hog Wallow Creek located along the site's eastern boundary. VOCs have not been detected in surface water samples tested or in groundwater across the creek from the site. Because the creek acts as a groundwater discharge feature for shallow groundwater in the area, VOCs in groundwater are not expected to migrate beyond the creek and impact other properties. Testing of deep groundwater on the site has exhibited no detections of contaminants in the last ten sampling events. Therefore, groundwater impacts are confined to the upper portion of the aquifer. In addition, a vertically upward hydraulic gradient has been measured on site near the source area. This upward gradient will reduce the tendency of dissolved constituents to migrate into the deeper portions of the groundwater.

As detailed in the VRP Application, Amec Foster Wheeler has modeled the fate and transport of VOCs in the groundwater on site and the potential impact of regulated constituents in groundwater on the surface water quality of Hog Wallow Creek (Appendix F). The mixing of impacted groundwater and surface water in Hog Wallow Creek was calculated based on groundwater testing data and measured hydrogeologic conditions on site. Amec Foster Wheeler calculated maximum allowable concentrations of VOCs in MW-11R that would still be protective of applicable in-stream water quality standards. These calculations were conservatively based on anticipated low flow conditions within Hog Wallow Creek. The modeling results indicated that the CVOC concentrations in MW-11R are at least approximately two orders of magnitude below the predicted maximum allowable concentration. In addition, the maximum allowable VOC concentrations in MW-11R are well below the maximum VOC

concentrations historically detected anywhere on site, including the source area. Table F1 illustrates the historic groundwater data from MW-11/11R compared to the maximum allowable concentrations in this well to maintain compliance with in-stream water quality standards.

As detailed in the Semi-Annual VRP Progress Reports, groundwater fate and transport modelling indicates that the anticipated CVOC concentrations discharging to Hog Wallow Creek will remain well below the acceptable concentrations (see Appendix F for the most recent model results).

The field-observed 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 analytical model of mixing between the impacted water and surface water in Hog Wallow Creek show that 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.

9.5 VAPOR INTRUSION

Recent site development has eliminated the potential for vapor intrusion into buildings as the Shopping Center building has been demolished and there are no structures associated with the school that are located in the vicinity of the groundwater plume on Parcel 2. According to the proposed Environmental Covenant (Appendix I), any new structures on the site must be evaluated for vapor intrusion risk and, if warranted, the risk must be controlled. Therefore, the vapor intrusion exposure pathway is no longer considered complete.

10.0 CONCLUSIONS

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

- The extent of soil impacts has been horizontally and vertically delineated to Type 1 RRS within the boundaries of the 2.63-acre Parcel 2 property.
- The extent of groundwater impacts has been horizontally and vertically delineated to Type 1 RRS within the boundaries of the 2.63-acre Parcel 2 property.
- Soil conditions are certified in compliance with Type 1 RRS on the Parcel 2 property.
- Exposure pathways are currently incomplete for soil, groundwater, surface water and vapors.
- An Environmental Covenant will be implemented upon agreement with EPD so that future site use will maintain incomplete exposure pathways.

The 9.11-acre HSI site (Parcel 1 and Parcel 2) listed in the EPD's HSI site summary will be eligible for delisting because Parcel 1 is in compliance with Type 1 RRS for all constituents in soil and groundwater and Parcel 2 is in compliance with Type 1 RRS for all constituents in soil and will be in compliance with Type 5 RRS for groundwater upon filing of the Environmental Covenant using institutional controls.

REFERENCES

Cressler, C.W., C.J. Thurmond, and W.G. Hester, 1983, Groundwater in the Greater Atlanta Region, Georgia; Georgia Geologic Survey Information Circular 63

Fetter, C.W., Applied Hydrogeology, third edition, 1994; Macmillan Publishing Company, New York

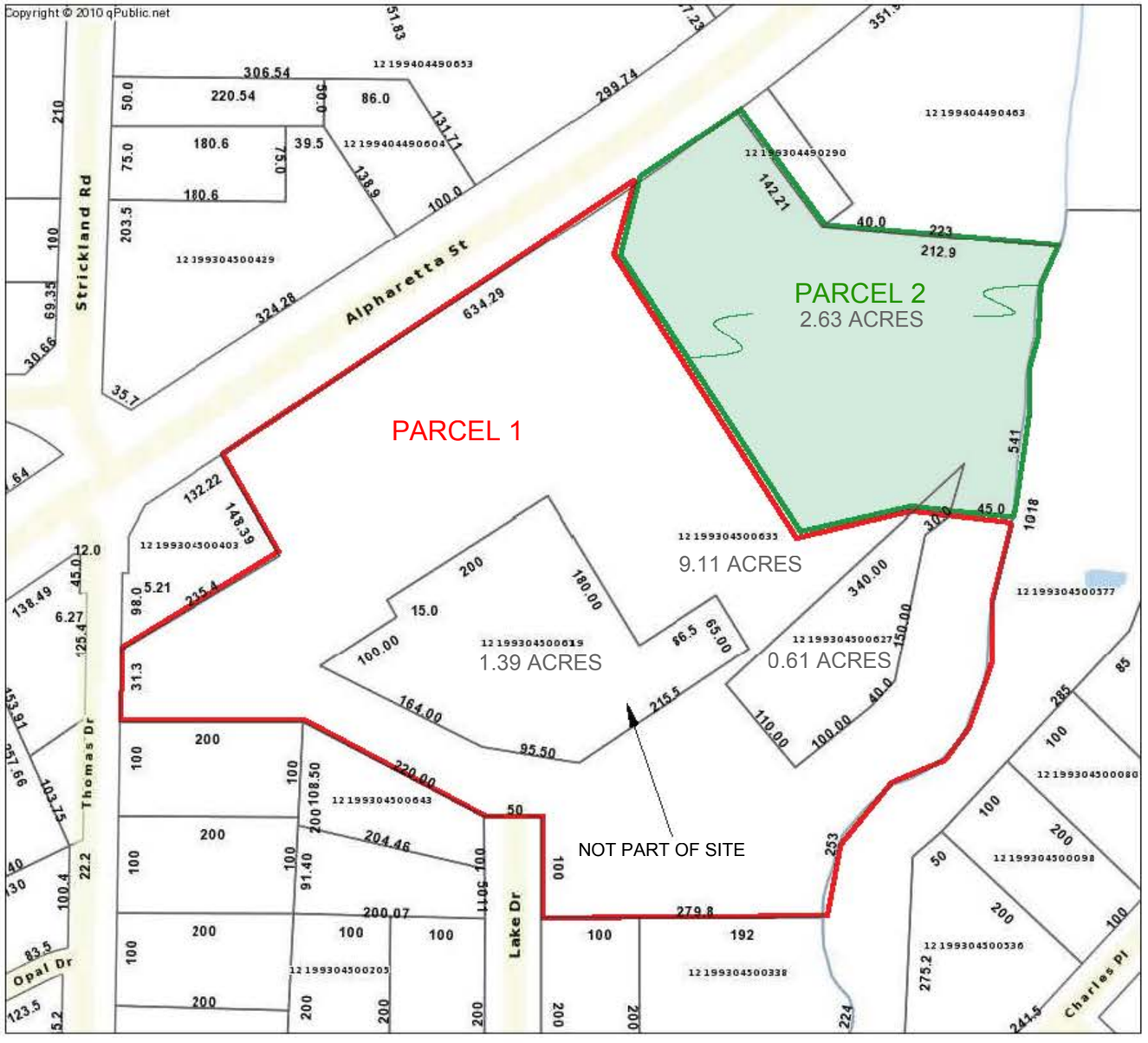
McConnell, K.I., and C.E. Abrams, 1984, Geology of the Greater Atlanta Region; Georgia Geologic Survey Bulletin 96

APPENDIX A

TAX PARCELS AND LEGAL DESCRIPTION

J:\Imperial Cleaners\Tax Parcel Map.dwg – Layout1 07/26/2016 8:48am tonya.gladstone

N



FORMER IMPERIAL CLEANERS ROSWELL, GEORGIA	amec foster wheeler Environment & Infrastructure, Inc. 2677 BUFORD HWY ATLANTA, GEORGIA 30324 (404) 873-4761	TAX PARCEL MAP JOB NO. 6305-05-0319 FIGURE A.1

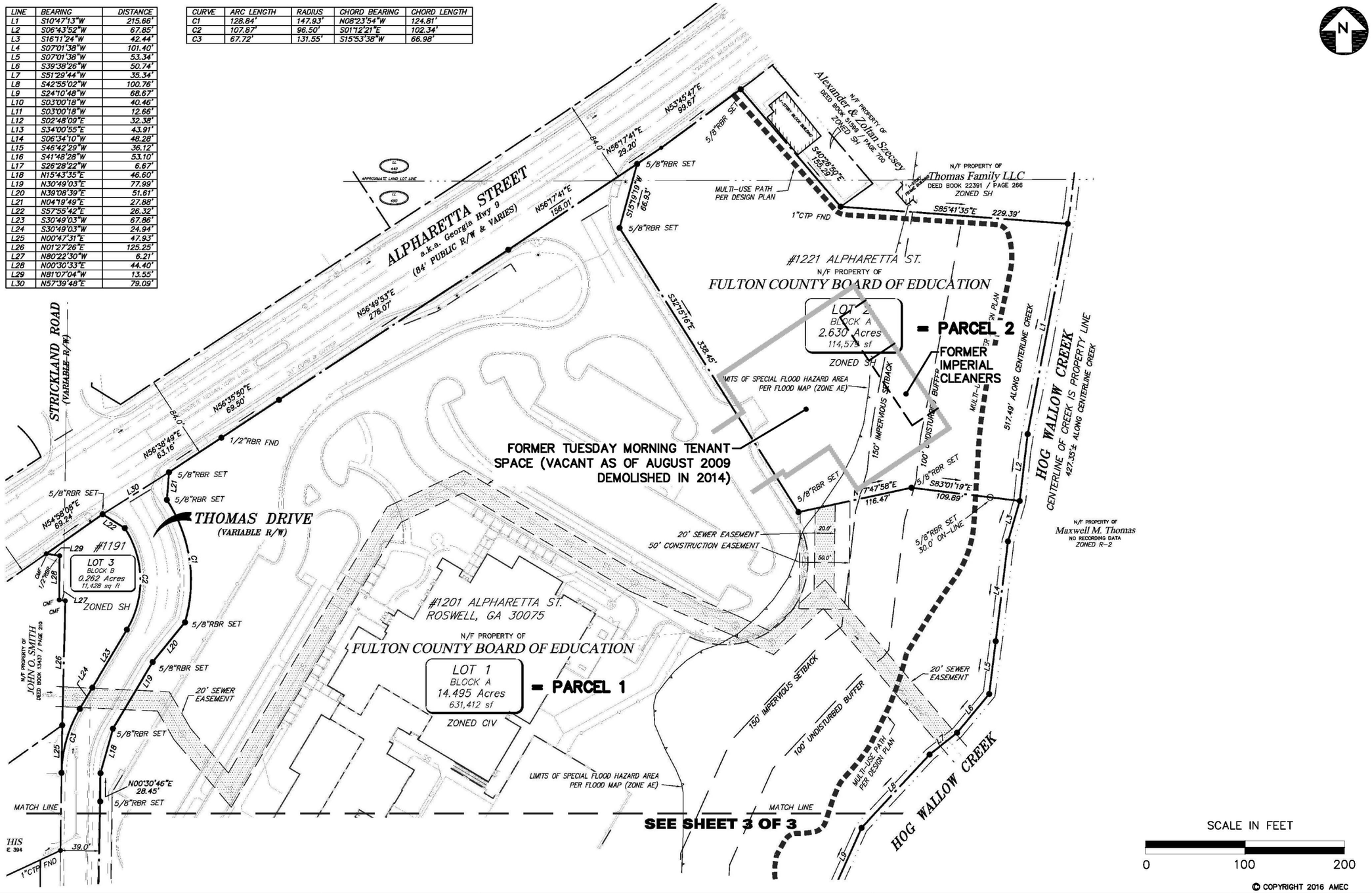
PREPARED BY/DATE

CHECKED BY/DATE

J:\Imperial Cleaners\Groundwater Test Results – Oct 2015.dwg – VOC GW (2) 07/12/2016

LINE	BEARING	DISTANCE
L1	S10°47'13"W	215.66'
L2	S06°43'52"W	67.85'
L3	S16°11'24"W	42.44'
L4	S07°01'38"W	101.40'
L5	S07°01'38"W	53.34'
L6	S39°38'26"W	50.74'
L7	S51°29'44"W	35.34'
L8	S42°55'02"W	100.76'
L9	S24°10'48"W	68.67'
L10	S03°00'18"W	40.46'
L11	S03°00'18"W	12.66'
L12	S02°48'09"E	32.38'
L13	S34°00'55"E	43.91'
L14	S06°34'10"W	48.28'
L15	S46°42'29"W	36.12'
L16	S41°48'28"W	53.10'
L17	S26°28'22"W	6.67'
L18	N15°43'35"E	46.60'
L19	N30°49'03"E	77.99'
L20	N39°08'39"E	51.61'
L21	N04°19'49"E	27.88'
L22	S57°55'42"E	26.32'
L23	S30°49'03"W	67.86'
L24	S30°49'03"W	24.94'
L25	N00°14'31"E	47.93'
L26	N01°27'26"E	125.25'
L27	N80°22'30"W	6.21'
L28	N00°30'33"E	44.40'
L29	N81°07'04"W	13.55'
L30	N57°39'48"E	79.09'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	128.84'	147.93'	N08°23'54"W	124.81'
C2	107.87'	98.50'	S01°12'21"E	102.34'
C3	67.72'	131.55'	S15°53'38"W	66.98'



REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED
DRAWN TG
CHECKED SF
IN CHARGE CTF
DATE 09/15/2015

FORMER IMPERIAL CLEANERS
ROSWELL, GEORGIA

amec foster wheeler
ENVIRONMENT & INFRASTRUCTURE, INC.
2677 BUFORD HWY
ATLANTA, GEORGIA 30324 (404) 873-4761

PARCEL 1/2 PROPERTY BOUNDARY SURVEY

SCALE AS SHOWN
CONTRACT 6305-05-0319
FIGURE NO. A-2 | REV | PAGE NO

LEGEND

STANDARD ABBREVIATIONS

AC	AIR CONDITIONER
BH	BORE HOLE
CI	CURB INLET
CMP	CORRUGATED METAL PIPE
CMF	CONCRETE MONUMENT FND
CO	SANITARY CLEANOUT
CPED	COMMUNICATION PEDESTAL
CTP	CRIMPED TOP PIPE
DI	DROP INLET
DIP	DUCTILE IRON PIPE
DWCB	DOUBLE WING CATCH BASIN
FNC	FENCE
FND	FOUND
GM	GAS METER
INV	INVERT
JB	JUNCTION BOX
MH	MANHOLE
OHP	OVERHEAD POWER
OTP	OPEN TOP PIPE
PM	POWER METER
POB	POINT OF BEGINNING
POC	POINT OF COMMENCING
RCP	REINFORCED CONCRETE PIPE
RBR	IRON REINFORCING BAR
RBS	5/8"RBR SET
SS	SANITARY SEWER
SWCB	SINGLE WING CATCH BASIN
TRANS	ELECTRIC TRANSFORMER

STANDARD SYMBOLS

X 000.00	SPOT ELEVATION
	POWER POLE
	GUY WIRE
	POWER LINE
LP	LIGHT POLE
	ELECTRIC TRANSFORMER
	WATER VAULT
GV	GAS VALVE
GM	GAS METER
WV	WATER VALVE
WM	WATER METER
	FIRE HYDRANT
E	UNDERGROUND ELECTRIC LINE
G	UNDERGROUND GAS LINE
CM	UNDERGROUND COMMUNICATION LINE
W	UNDERGROUND WATER LINE

GRID NORTH — GA. WEST ZONE

GeoSurvey, Ltd.

FULTON COUNTY HEALTH DEPARTMENT

This subdivision, as shown, is approved upon the condition that sewage disposal and water supply facilities are in compliance with Articles C and D, Sewage Disposal and Drinking Water Supply of the Fulton County Health Department regulations and in accordance with the requirements below:

WATER SUPPLY	SEWAGE DISPOSAL
( ) Public Water Supply	( ) Public Sanitary
( ) Individual Water Supplies	( ) Individual Onsite Sewage

Service Requirements - S/D Type	Service Requirements -S/D Type
( ) Type "A"	( ) Type "A" ( ) Type "C"
( ) Type "B"	( ) Type "B" ( ) Type "D"

Date — Fulton County Health Department

Revision Date — Fulton County Health Department

TOTAL SITE AREA
EXCLUDES ROADS
19.922 Acres
867,780 sq ft

OWNER'S STATEMENT

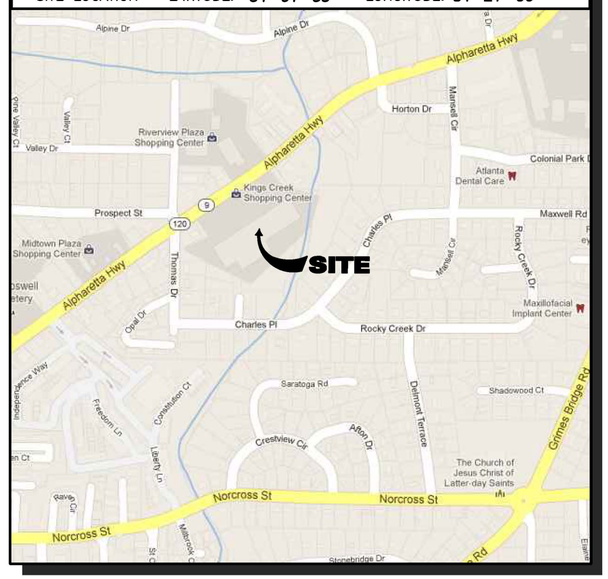
OWNER/SUBDIVIDER
FULTON COUNTY SCHOOL SYSTEM
5270 NORTHFIELD BOULEVARD
COLLEGE PARK, GA 30349
CONTACT: MR. DAVID KNOTTS

CERTIFICATE OF OWNER: The owner of the land shown on this plat and whose name is subscribed thereto, and in person or through a duly authorized agent, acknowledges that this plat was made from an actual survey and dedicates to the use of the public forever, all streets, parks, drains, easements and public grounds thereon shown, which comprise a total of 0.6 acres, for the purposes therein expressed (sewer easement). The entire ownership of the subdivider's property is included within this plat.

OWNER/SUBDIVIDER — DATE
FOR FULTON COUNTY BOARD OF EDUCATION

VICINITY MAP

SITE LOCATION — LATITUDE: 34° 01' 53" LONGITUDE: 84° 21' 06"



PLAT NOTES

NAME OF SUBDIVISION: "WEST ROSWELL ELEMENTARY SCHOOL SITE"
TOTAL ACREAGE OF FOUR PROPOSED LOTS: 19.922 ACRES
(Area does not include Thomas Drive or Charles Place.)

LOT 1 IS ZONED "CIV" (CIVIC).
THE MINIMUM YARD SETBACKS FOR CIVIC ARE:
FRONT – 10 FEET; SIDE – 10 FEET INTERIOR, 10 FEET SIDE STREET;
AND REAR – 10 FEET; REAR ADJACENT TO ALLEY – 5 FEET.
A 40 FOOT BUFFER SHALL BE MAINTAINED ADJACENT TO RESIDENTIAL PROPERTY.
MINIMUM LOT AREA 10,000 SF; MINIMUM LOT WIDTH 75 FEET

LOT 2 AND 3 ARE ZONED SH.
THE MINIMUM YARD SETBACKS FOR SH ARE:
FRONT – 0 FEET; SIDE – 3 FEET INTERIOR, 0 FEET SIDE STREET;
AND REAR – 3 FEET; REAR ADJACENT TO ALLEY – 5 FEET
MINIMUM LOT AREA 5,000 SF; MINIMUM LOT WIDTH 50 FEET

LOT 4 IS ZONED RS–12.
THE MINIMUM YARD SETBACKS FOR RS–12 ARE:
FRONT – 35 FEET; SIDE STREET – 20 FEET;
SIDE INTERIOR – 10 FEET; AND REAR – 30 FEET.
MINIMUM LOT AREA 12,000 SF; MINIMUM LOT WIDTH 85 FEET

PLEASE NOTE: ZONING AND SETBACKS SHOULD BE CONFIRMED AND VERIFIED BY PLANNING AND ZONING PRIOR TO DESIGN OR CONSTRUCTION ACTIVITIES.

BEARINGS ARE REFERENCED TO GRID NORTH, AND ARE CALCULATED FROM ANGLES TURNED.

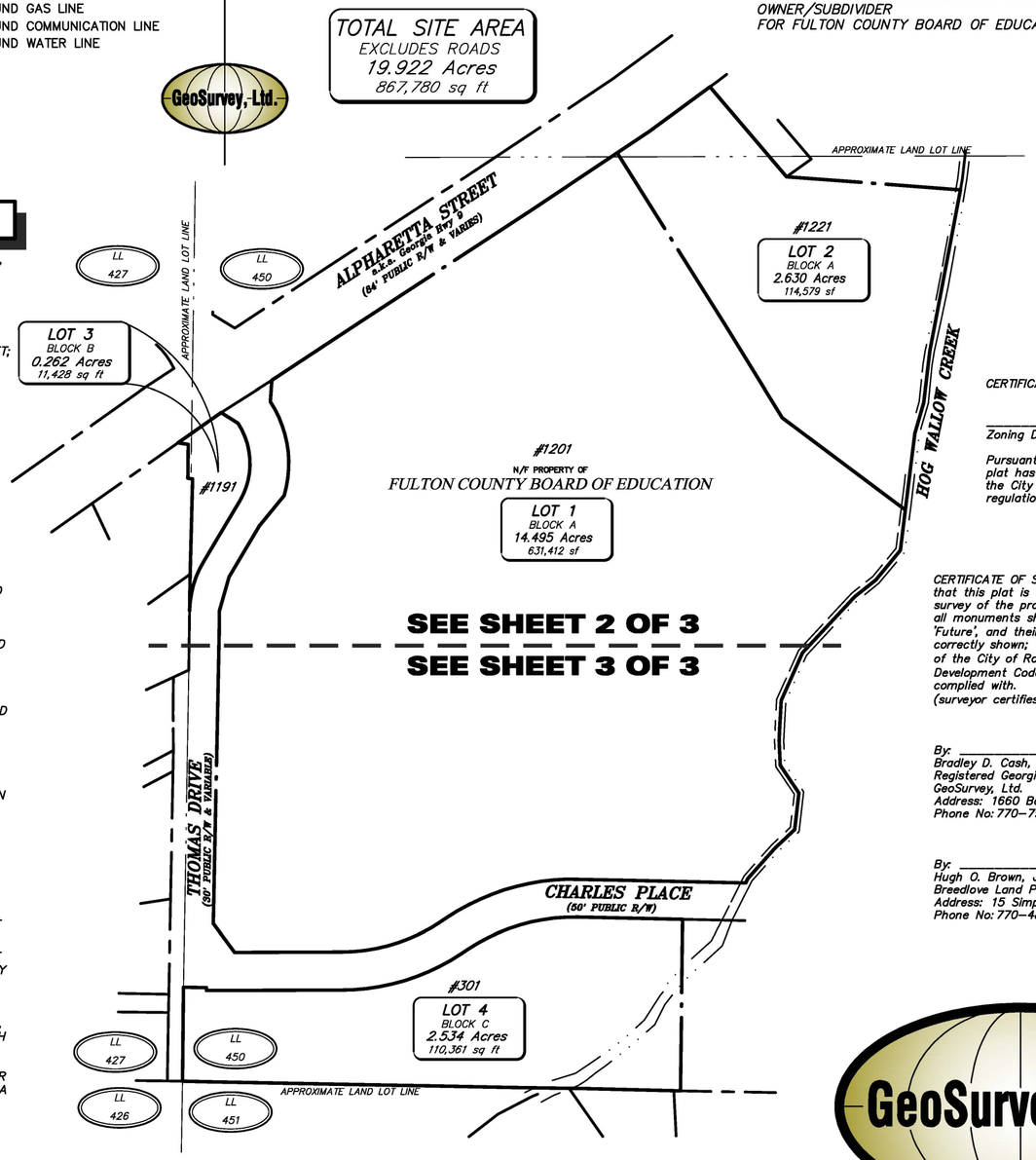
THE NATURAL DRAINS, BRANCHES, CULVERTS AND DRAINAGE STRUCTURES SHOW ON THIS PLAT ARE NECESSARY FOR DRAINAGE OF THE SUBDIVISION, AND THE CITY OF ROSWELL WILL NOT BE HELD RESPONSIBLE FOR OVERFLOW OR EROSION CAUSED BY THEM, OR FOR EXTENSION OF CULVERTS SHOWN. PURSUANT TO THE 'UNIFIED DEVELOPMENT CODE OF THE CITY OF ROSWELL', THIS PLAT WAS GIVEN FINAL APPROVAL BY THE CITY OF ROSWELL.

NO STRUCTURE SHALL BE LOCATED WITHIN FORTY (40) FEET OF AN OPEN DRAIN.

DISTURBANCE OF THE 100 YEAR FLOOD PLAIN IS PROHIBITED.

DRAINAGE: THE OWNER OF RECORD, ON BEHALF OF HIMSELF/HERSELF/ITSELF AND ALL SUCCESSORS IN INTEREST, SPECIFICALLY RELEASE THE CITY OF ROSWELL FROM ANY AND ALL LIABILITY AND RESPONSIBILITY FOR FLOODING OR EROSION FROM STORM DRAINS OR FROM FLOODING FROM HIGH WATER OF NATURAL CREEKS, RIVERS OR DRAINAGE FEATURES. DRAINAGE EASEMENTS ARE HEREBY ESTABLISHED FOR THE SOLE PURPOSE OF PROVIDING FOR THE EMERGENCY PROTECTION OF THE FREE FLOW OF SURFACE OR STORM WATERS ALONG ALL WATERCOURSES AS ESTABLISHED BY A FINAL PLAT. THE CITY OF ROSWELL MAY CONDUCT EMERGENCY MAINTENANCE OPERATIONS WITHIN THIS EASEMENT, WHERE EMERGENCY CONDITIONS EXIST. EMERGENCY MAINTENANCE SHALL INCLUDE THE REMOVAL OF TREES AND OTHER DEBRIS, EXCAVATION, FILLING AND THE LIKE, NECESSARY TO REMEDY A CONDITION, WHICH IN THE JUDGMENT OF THE CITY OF ROSWELL IS POTENTIALLY INJURIOUS TO HEALTH, LIFE, PUBLIC PROPERTY, PUBLIC ROADS OR UTILITY SYSTEMS. SUCH EMERGENCY MAINTENANCE, CONDUCTED FOR THE COMMON GOOD, SHALL NOT BE CONSTRUED AS CONSTITUTING A CONTINUING MAINTENANCE OBLIGATION ON THE PART OF THE CITY OF ROSWELL. THE CITY RESERVES THE RIGHT TO SEEK REIMBURSEMENT FOR EXPENSES FROM THE OWNER(S) OF THE PROPERTY(IES) OF THE LAND THAT GENERATED THE CONDITIONS REQUIRING THE EMERGENCY SERVICE.

WATER AND SEWER LINES WILL BE DEDICATED TO APPROPRIATE AGENCY AS REQUIRED.



APPROXIMATE SCALE 1"=150'

CERTIFICATE OF ZONING DIRECTOR:

Zoning Director — Date

Pursuant to section 11.2 of the Unified Development Code, this plat has been approved for recording by the Zoning Director of the City of Roswell in accordance with the existing rules and regulations

CERTIFICATE OF SURVEYOR/ENGINEER: It is hereby certified that this plat is true and correct and was prepared from an actual survey of the property made by me or under my supervision; that all monuments show hereon actually exist or are marked as 'Future', and their locations, size, type and material are correctly shown; and that all engineering requirements of the of the City of Roswell' and the requirements of the 'Unified Development Code of the City of Roswell, Georgia' have been fully complied with.
(surveyor certifies only to survey matters above)

By: _____
Bradley D. Cash, LS
Registered Georgia Land Surveyor No. 2840
GeoSurvey, Ltd.
Address: 1660 Barnes Mill Road, Marietta, GA 30062
Phone No: 770–795–9900

By: _____
Hugh O. Brown, Jr., RLA
Breedlove Land Planning, Inc.
Address: 15 Simpson Street NW, Atlanta, GA 30308
Phone No: 770–483–1173

GENERAL NOTES

THIS SURVEY HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE PERSON OR ENTITIES NAMED HEREON. NO EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE INFORMATION SHOWN HEREON IS TO BE EXTENDED TO ANY PERSONS OR ENTITIES OTHER THAN THOSE SHOWN HEREON.

THIS SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE INSPECTION REPORT. EASEMENTS OR OTHER ENCUMBRANCES MAY EXIST ON PUBLIC RECORD BUT NOT BE SHOWN HEREON.

THIS PROPERTY IS LOCATED IN A 100 YEAR SPECIAL FLOOD HAZARD AREA BASED ON THE FLOOD INSURANCE RATE MAP FOR THIS AREA. THE MAP NUMBER FOR THIS AREA IS 13121C0061E (6–22–1998) AND 13121C0063F (6–18–2010). THIS DETERMINATION WAS MADE BY GRAPHICALLY DETERMINING THE POSITION OF THIS SITE ON SAID FIRM MAPS UNLESS OTHERWISE NOTED.

THE HORIZONTAL DATUM FOR THIS SURVEY IS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD'83) FROM GPS OBSERVATIONS PERFORMED BY GEOSURVEY, LTD. BEARINGS ARE REFERENCED TO GRID NORTH.

THE VERTICAL DATUM FOR THIS SURVEY IS BASED ON THE NORTH AMERICAN DATUM OF 1988 (NAVD'88) FROM GPS OBSERVATIONS PERFORMED BY GEOSURVEY, LTD.

DATE OF FIELD SURVEY: JULY 13, 2013. EXISTING IMPROVEMENTS ARE NOT SHOWN.

THE FIELD CLOSURE UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF ONE FOOT IN 23,078 , AND WAS ADJUSTED USING THE LEAST SQUARES METHOD. A TRIMBLE S–6 TOTAL STATION AND TRIMBLE DATA COLLECTOR WERE USED TO COLLECT THIS FIELD DATA.

THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND WAS FOUND TO BE ACCURATE WITHIN ONE FOOT IN 565,322 FEET. BDC INIT.

SURVEY REFERENCES

1> ALTA/ACSM LAND TITLE SURVEY FOR WEST ROSWELL ELEMENTARY SCHOOL SITE, PREPARED BY GEOSURVEY, LTD., DATED 07–17–2013 AND LAST REVISED 09–19–2014. PROJECT NUMBER 20134503–05.

2> SITE PLAN FOR NEW WEST ROSWELL ELEMENTARY SCHOOL SITE, PREPARED BY CONTOUR ENGINEERING, LLC, DATED 06–20–2014 AND LAST REVISED 10–24–2014.

3> RIGHT–OF–WAY AND ABANDONMENT PLATS FOR FULTON COUNTY SCHOOLS, PREPARED BY GEOSURVEY, LTD., DATED 05–15–2014.

4> SITE PLAN "EXHIBIT C" HOG WALLER CREEK MULTI–USE PATH/NATURE TRAIL, PREPARED BY COLLINS, COOPER, CARUSI ARCHITECTS FOR FULTON COUNTY SCHOOLS.

I HEREBY CERTIFY this survey has been prepared in conformity with The Technical Standards for Property Surveys in Georgia as set forth in Chapter 180–7 of the Rules of the Georgia Board of Registration for Professional Engineers and Land Surveyors and as set forth in the Georgia Plat Act O.C.G.A. 15–6–67.

Sheet 1 of 3

GeoSurvey, Ltd.
Land Surveying & Mapping
1660 Barnes Mill Road
Marietta, Georgia 30062
Phone: (770) 795–9900
Fax: (770) 795–8880
www.geosurvey.com
info@geosurvey.com
Certificate of Authorization #LS000621

SUBDIVISION PLAT FOR

West Roswell Elementary School Site

FULTON COUNTY BOARD OF EDUCATION

GS JOB NO: 20134503	DRAWING SCALE: NA	PLAT DATE: 05/23/2016	
FIELD WORK: TB	CITY: ROSWELL	REVISIONS	
PROJ MGR: BDC	COUNTY: FULTON STATE: GA	No.	Date / Description
REVIEWED: JRC	LAND LOT: 449 & 450		
DWG FILE: 20134503–08	DISTRICT: 1ST SECTION: 2ND		

LINE	BEARING	DISTANCE
L1	S10°47'13"W	215.66'
L2	S06°43'52"W	67.85'
L3	S16°11'24"W	42.44'
L4	S07°01'38"W	101.40'
L5	S07°01'38"W	53.34'
L6	S39°38'26"W	50.74'
L7	S51°29'44"W	35.34'
L8	S42°55'02"W	100.76'
L9	S24°10'48"W	68.67'
L10	S03°00'18"W	40.46'
L11	S03°00'18"W	12.66'
L12	S02°48'09"E	32.38'
L13	S34°00'55"E	43.91'
L14	S06°34'10"W	48.28'
L15	S46°42'29"W	36.12'
L16	S41°48'28"W	53.10'
L17	S26°28'22"W	6.67'
L18	N15°43'35"E	46.60'
L19	N30°49'03"E	77.99'
L20	N39°08'39"E	51.61'
L21	N04°19'49"E	27.88'
L22	S57°55'42"E	26.32'
L23	S30°49'03"W	67.86'
L24	S30°49'03"W	24.94'
L25	N00°47'31"E	47.93'
L26	N01°27'26"E	125.25'
L27	N80°22'30"W	6.21'
L28	N00°30'33"E	44.40'
L29	N81°07'04"W	13.55'
L30	N57°39'48"E	79.09'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	128.84'	147.93'	N08°23'54"W	124.81'
C2	107.87'	96.50'	S01°12'21"E	102.34'
C3	67.72'	131.55'	S15°53'38"W	66.98'

ALPHARETTA STREET
a.k.a. Georgia Hwy 9
(84' PUBLIC R/W & VARIES)
APPROXIMATE LAND LOT LINE
LL 449
LL 450
CONCRETE MEDIAN/TURN
N56°17'41"E 29.20'
84.0'
N53°45'47"E 99.67'
5/8"RBR SET
Alexander & Zoltan Szecsey
N/F PROPERTY OF
DEED BOOK 51598 / PAGE 700
ZONED SH
1-STORY BRICK BUILDING
S40°26'50"E 155.29'
N/F PROPERTY OF
Thomas Family LLC
DEED BOOK 22391 / PAGE 266
ZONED SH
1-STORY FRAME BUILDING
MULTI-USE PATH PER DESIGN PLAN
S15°19'19"W 66.93'
1"CTP FND
S85°41'35"E 229.39'
N56°17'41"E 156.01'
N56°49'53"E 276.07'
#1221 ALPHARETTA ST.
N/F PROPERTY OF
FULTON COUNTY BOARD OF EDUCATION
LOT 2
BLOCK A
2.630 Acres
114,579 sf
ZONED SH
S32°15'16"E 338.45'
LIMITS OF SPECIAL FLOOD HAZARD AREA PER FLOOD MAP (ZONE AE)
150' IMPERVIOUS SETBACK
100' UNDISTURBED BUFFER
MULTI-USE PATH PER DESIGN PLAN
517.49' ALONG CENTERLINE CREEK
L1
HOG WALLOW CREEK
CENTERLINE OF CREEK IS PROPERTY LINE
427.35'± ALONG CENTERLINE CREEK
GRID NORTH – GA. WEST ZONE
GeoSurvey, Ltd.
STRICKLAND ROAD
(VARIABLE R/W)
CONCRETE MEDIAN/TURN LANE
30" CURB & GUTTER
N56°35'50"E 69.50'
84.0'
N56°38'49"E 63.16'
1/2"RBR FND
5/8"RBR SET
L30
L21
N54°58'08"E 69.24'
L22
THOMAS DRIVE
(VARIABLE R/W)
#1191
LOT 3
BLOCK B
0.262 Acres
11,428 sq ft
ZONED SH
L29
L28
L27
CMF
1/2"RBR
C1
C2
C3
L26
L24
L23
L20
L19
L18
L25
N/F PROPERTY OF
JOHN O. SMITH
DEED BOOK 13437 / PAGE 210
20' SEWER EASEMENT
N00°30'46"E 28.45'
MATCH LINE
39.0'
1"CTP FND
#1201 ALPHARETTA ST.
ROSWELL, GA 30075
N/F PROPERTY OF
FULTON COUNTY BOARD OF EDUCATION
LOT 1
BLOCK A
14.495 Acres
631,412 sf
ZONED CIV
20' SEWER EASEMENT
50' CONSTRUCTION EASEMENT
20.0'
50.0'
N77°47'58"E 116.47'
S83°01'19"E 109.89'
5/8"RBR SET
30.0' ON-LINE
L2
L3
L4
L5
L6
L7
L8
L9
N/F PROPERTY OF
Maxwell M. Thomas
NO RECORDING DATA
ZONED R-2
SEE SHEET 3 OF 3

GRAPHIC SCALE
0 30 60 150 300
1"= 60'

GeoSurvey, Ltd.
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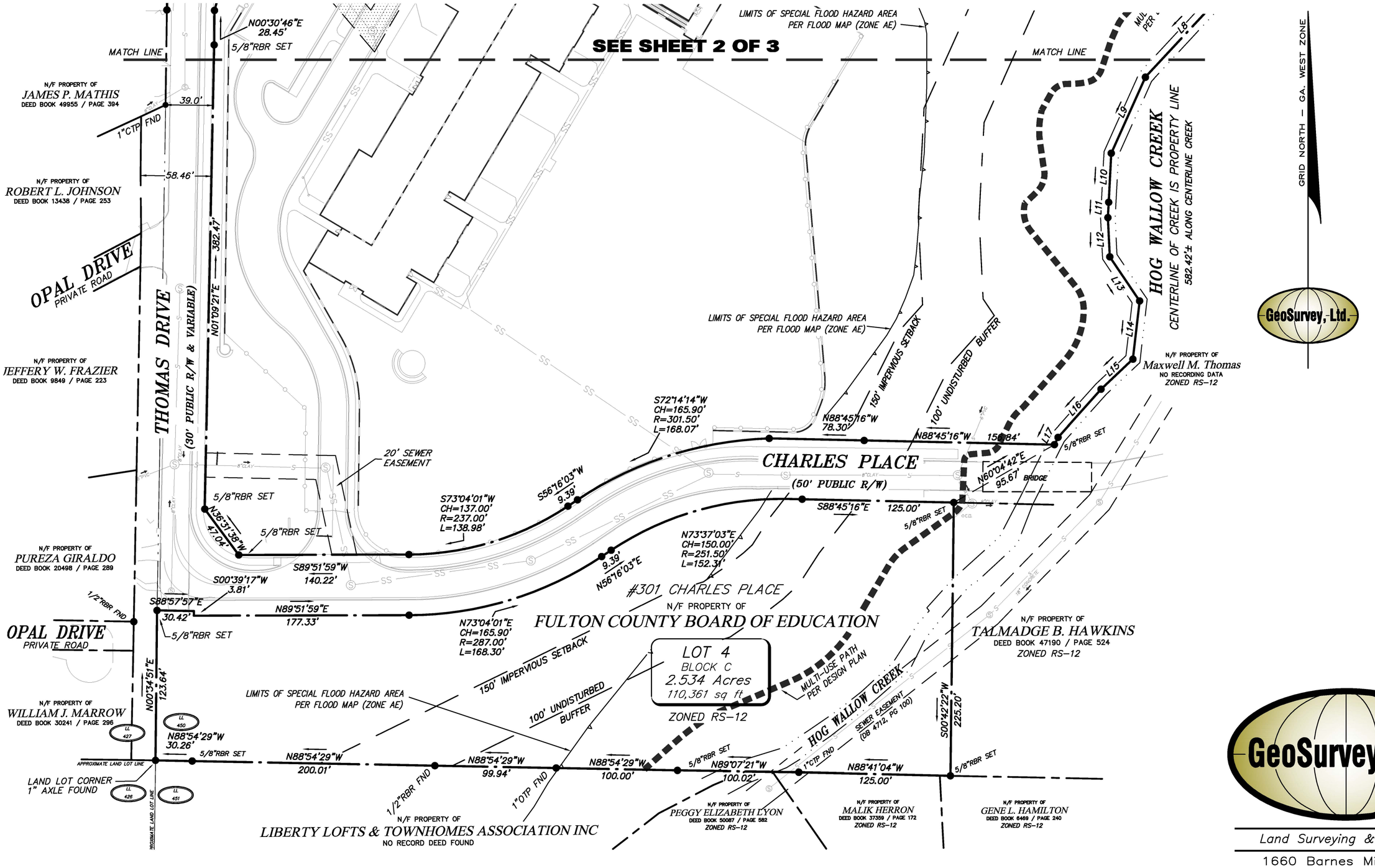

IF YOU DIG

811

Know what's **below.**
Call before you dig.
Dial 811
Or Call 800-282-7411

GRAPHIC SCALE

0 30 60 150 300
1"= 60'

GeoSurvey, Ltd.

Land Surveying & Mapping

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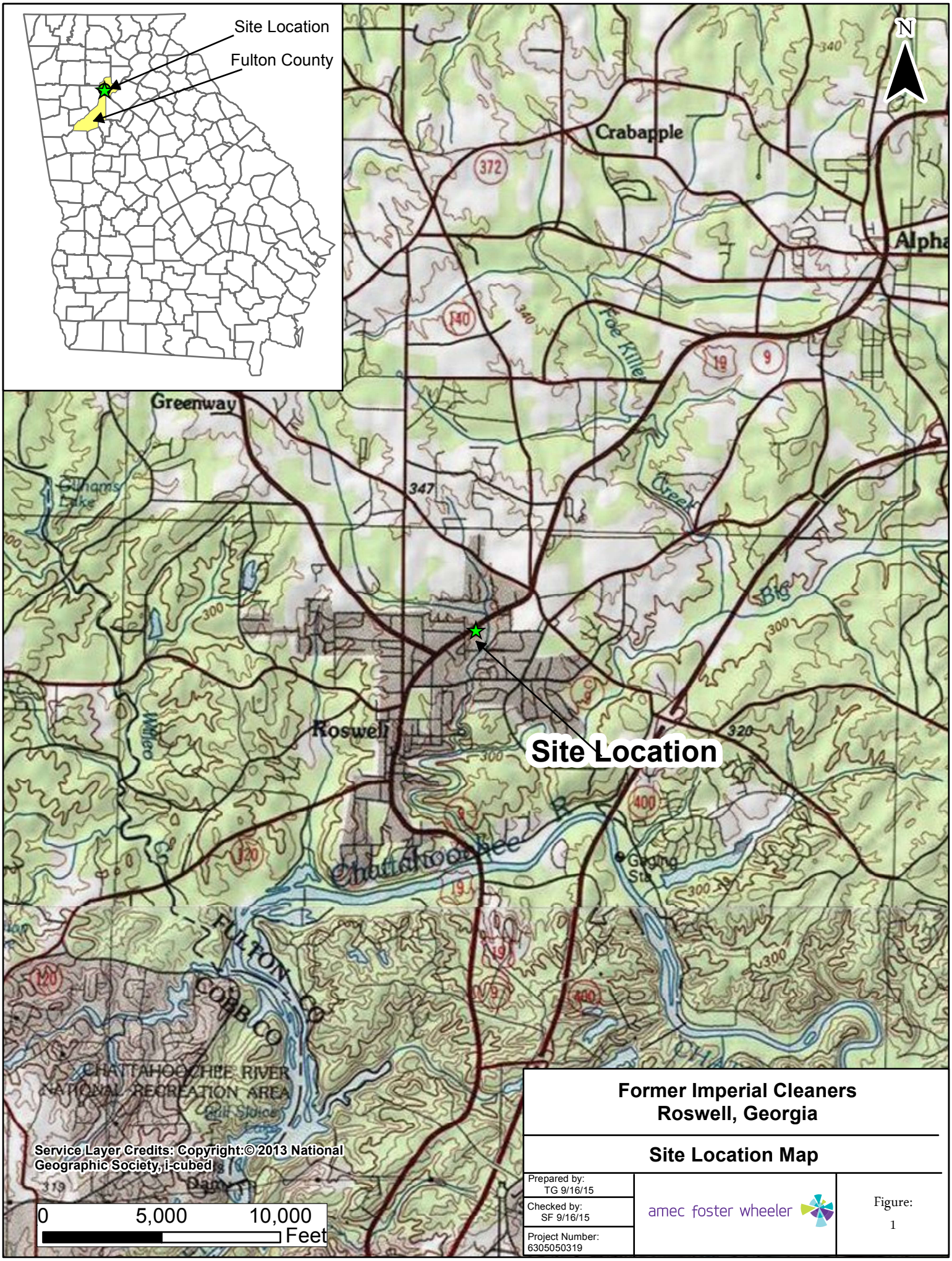
Sheet
3 of 3

APPENDIX B

FIGURES



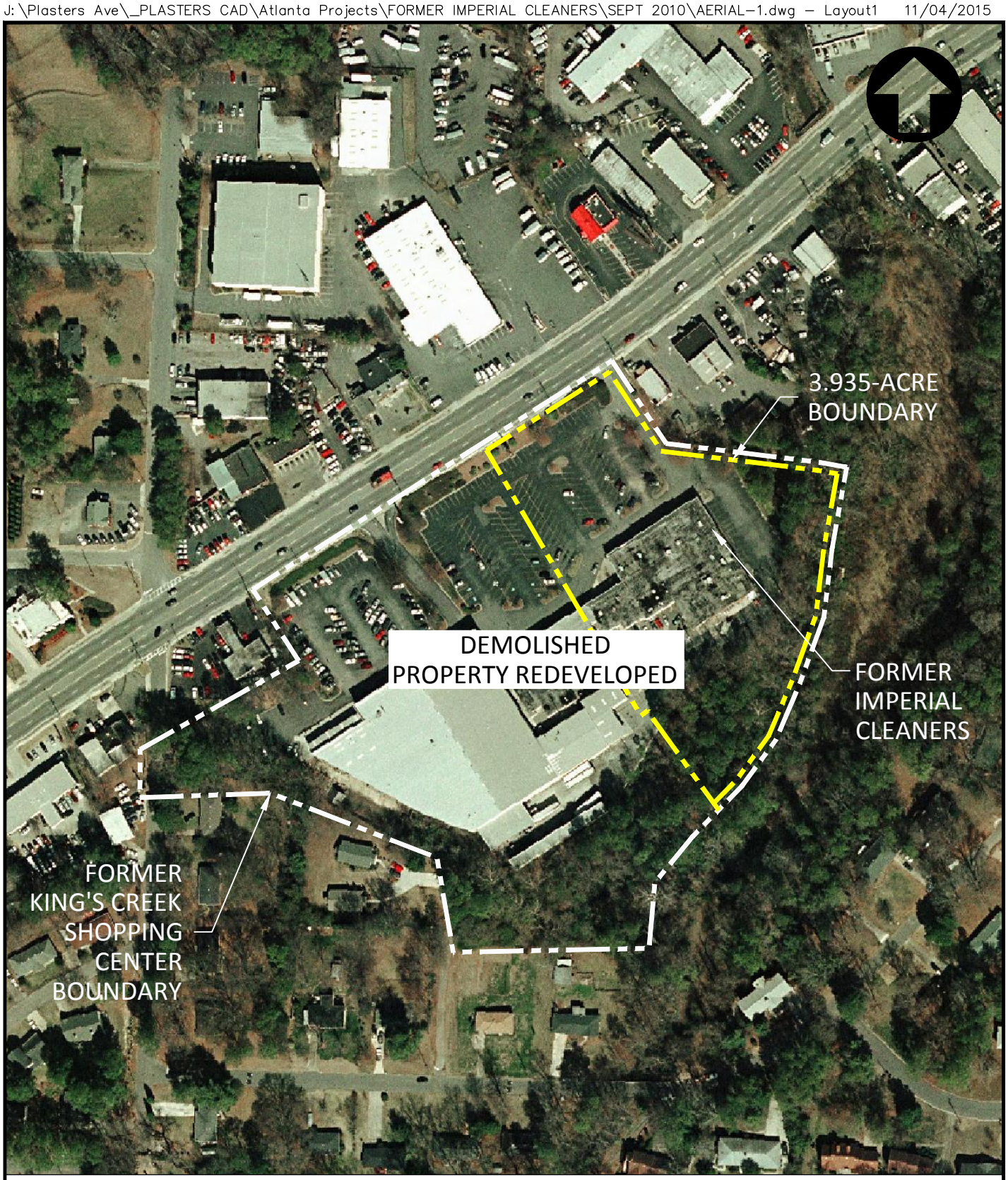
Document Path: G:\Former Imperial\mxd\Site location map.mxd

Former Imperial Cleaners
Roswell, Georgia

Site Location Map

Prepared by: TG 9/16/15	amec foster wheeler	Figure: 1
Checked by: SF 9/16/15		
Project Number: 6305050319		

J:\Plasters Ave_PLASTERS CAD\Atlanta Projects\FORMER IMPERIAL CLEANERS\SEPT 2010\AERIAL-1.dwg - Layout1 11/04/2015



SCALE IN FEET

0 200 400

SOURCE: USGS HIGH RESOLUTION ORTHOIMAGERY FOR THE ATLANTA, GEORGIA, URBAN 2008.

FORMER IMPERIAL
CLEANERS
ROSWELL, GEORGIA

amec foster wheeler

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

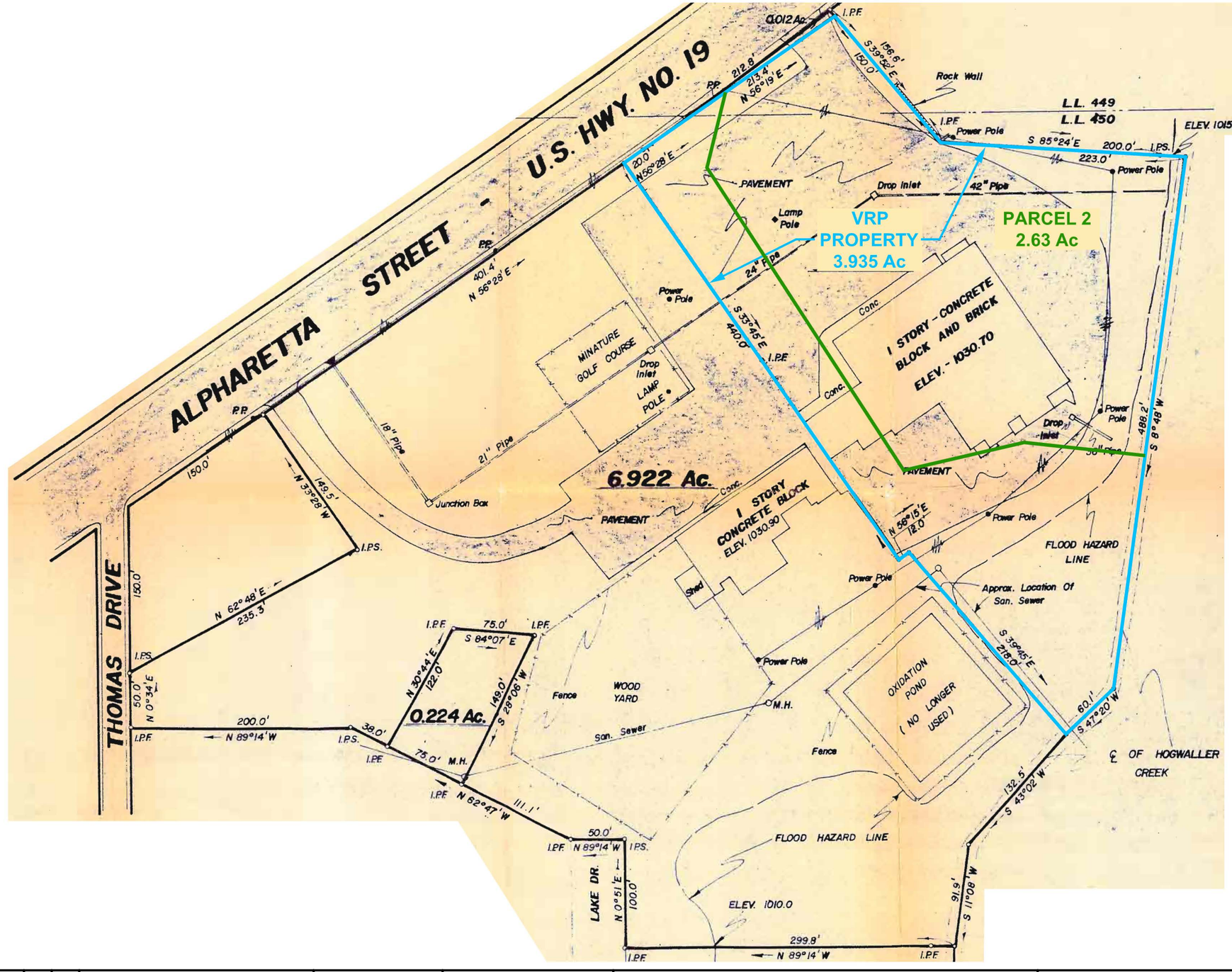
SITE AND VICINITY
AERIAL PHOTOGRAPH

JOB NO. 6305-05-0319 FIGURE 2

PREPARED BY/DATE

CHECKED BY/DATE

J:\Imperial Cleaners\Groundwater Test Results – Oct 2015.dwg – PARCEL MAP 06/02/2016



SCALE IN FEET

0 100 200

REV	DATE	BY	SUB	APP	DESCRIPTION	
						DESIGNED
						DRAWN TG
						CHECKED SF
						IN CHARGE CTF
						DATE 09/15/2015

FORMER IMPERIAL CLEANERS
ROSWELL, GEORGIA

amec foster wheeler
ENVIRONMENT & INFRASTRUCTURE, INC.
2677 BUFORD HWY
ATLANTA, GEORGIA 30324 (404) 873-4761

HSI SITE/VRP PROPERTY/PARCEL 2 BOUNDARIES

SCALE: AS SHOWN
CONTRACT: 6305-05-0319
FIGURE NO. 3 | REV | PAGE NO

J:\Imperial Cleaners\Groundwater Test Results – Oct 2015.dwg – VOC GW 07/12/2016

LINE	BEARING	DISTANCE
L1	S10°47'13"W	215.66'
L2	S06°43'52"W	67.85'
L3	S16°11'24"W	42.44'
L4	S07°01'38"W	101.40'
L5	S07°01'38"W	53.34'
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L9	S24°10'48"W	68.67'
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L22	S57°55'42"E	26.32'
L23	S30°49'03"W	67.86'
L24	S30°49'03"W	24.94'
L25	N00°47'31"E	47.93'
L26	N01°27'26"E	125.25'
L27	N80°22'30"W	6.21'
L28	N00°30'33"E	44.40'
L29	N81°07'04"W	13.55'
L30	N57°39'48"E	79.09'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	128.84'	147.93'	N08°23'54"W	124.81'
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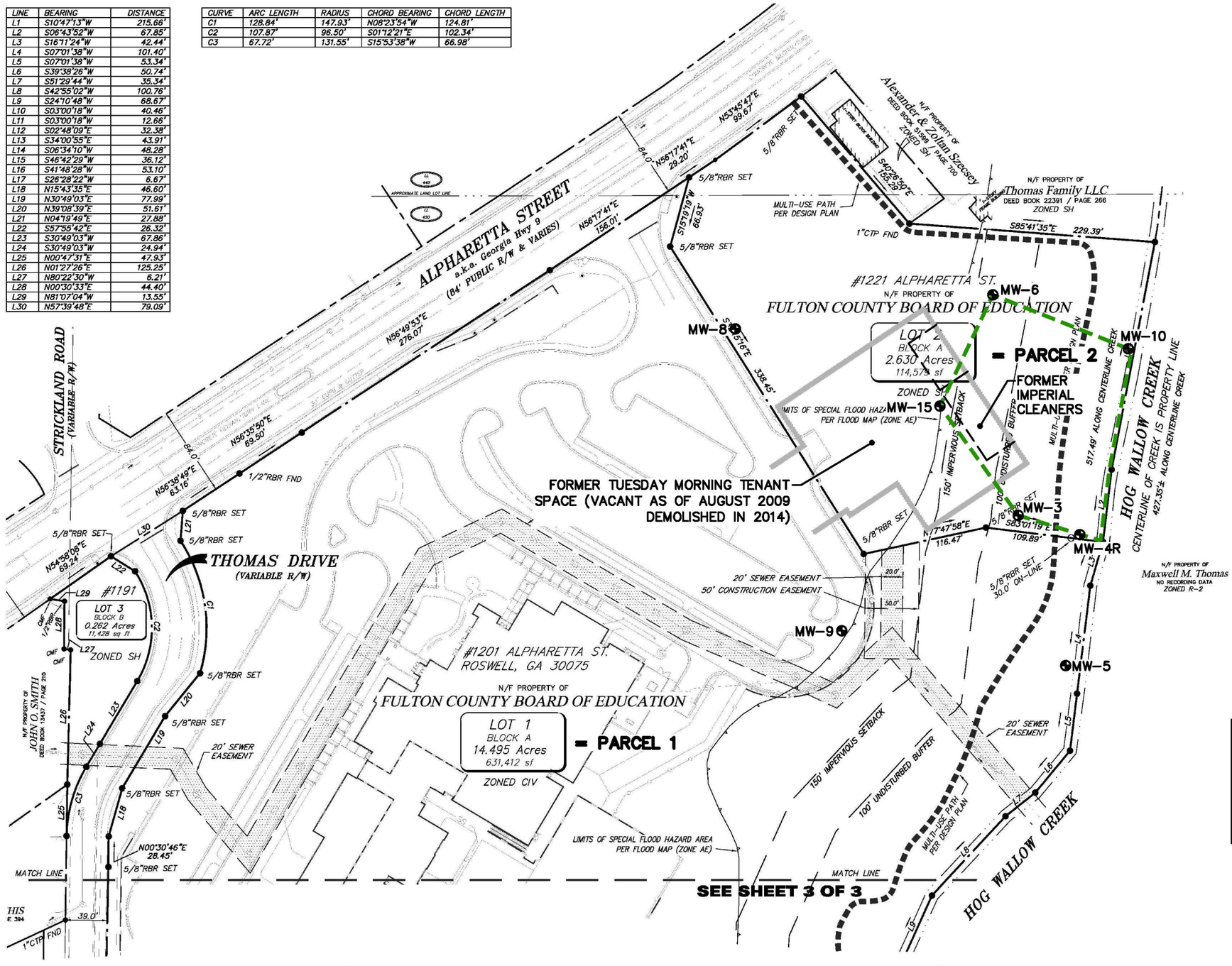
C3	67.72'	131.55'	S15°53'38"W	66.98'



LEGEND:

- GROUNDWATER MONITORING WELL
- GROUNDWATER DELINEATION TO TYPE I RRS

SCALE IN FEET

0 100 200

REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED
DRAWN TG
CHECKED SF
IN CHARGE CTF
DATE 09/15/2015

FORMER IMPERIAL CLEANERS
ROSWELL, GEORGIA

amec foster wheeler
ENVIRONMENT & INFRASTRUCTURE, INC.
2677 BUFORD HWY
ATLANTA, GEORGIA 30324 (404) 873-4761

PARCEL 1/2 PROPERTY BOUNDARY SURVEY

SCALE AS SHOWN
CONTRACT 6305-05-0319
FIGURE NO. 4 | REV | PAGE NO

NOTE:
LOOKING NORTHWEST TOWARD PARCEL 2 FROM DRIVEWAY
OF PARCEL 1 (ESTHER JACKSON ELEMENTARY SCHOOL).
NOTE SLOPE DOWN TO CREEK ON RIGHT SIDE OF PHOTO.
FENCE FORMS BOUNDARY OF 2.63-ACRE PARCEL 2.

FORMER IMPERIAL CLEANERS

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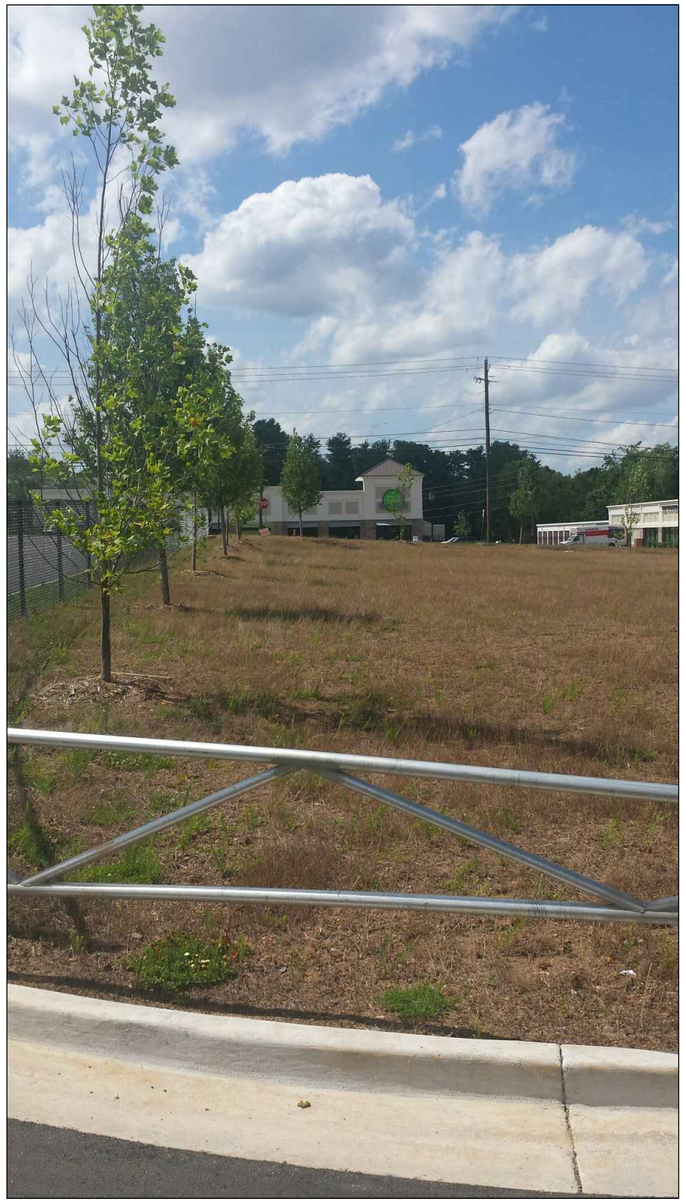
ATLANTA, GEORGIA 30324 (404) 873-4761

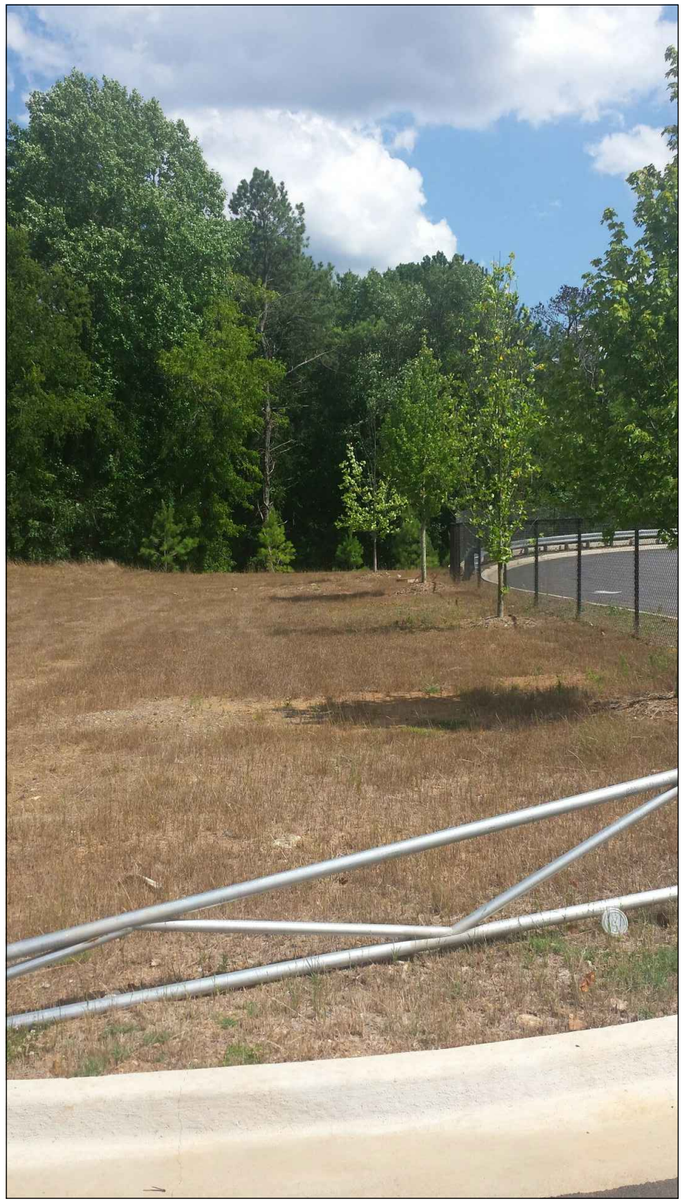
PHOTOGRAPH OF PARCEL 2
TAKEN SEPTEMBER 23, 2015

JOB NO. 6305-05-0319 FIGURE 5

PREPARED BY/DATE
CHECKED BY/DATE



VIEW LOOKING NORTHWEST
TOWARD ALPHARETTA STREET



VIEW LOOKING SOUTHEAST
TOWARD BACK OF SITE

FORMER IMPERIAL CLEANERS
ROSWELL, GEORGIA

amec foster wheeler
Environment & Infrastructure, Inc.
2677 BUFORD HWY
ATLANTA, GEORGIA 30324 (404) 873-4761

PHOTOGRAPHS OF PARCEL 2
TAKEN JULY 7, 2016

JOB NO. 6305-05-0319 FIGURE 5A

PREPARED BY/DATE
CHECKED BY/DATE

A FILL DW-1 (1029.76) A□

MW-6 (1030.31) GROUND SURFACE MW-7 (1029.91) MW-2 (1027.15) MW-3 (1027.14)

1030
1020
1010
1000
990

RESIDUAL SOILS
AUGER REFUSAL
FILL
FILL
ALLUVIUM
MW-5 (1004.50)

MW-6	7/05
PCE	<5
TCE	<5
DCE	<5
VC	<5

MW-7	6/14
PCE	1000
TCE	190
C-DCE	73
T-DCE	6.3
VC	<2

MW-2	6/15
PCE	66
TCE	39
C-DCE	490
T-DCE	19
VC	180

MW-5	6/15
PCE	<5
TCE	<5
C-DCE	5.8
T-DCE	<5
VC	<2

MW-3	10/13
PCE	<5
TCE	<5
C-DCE	<5
T-DCE	<5
VC	<2

DW-10	6/10
PCE	34
TCE	6.4
C-DCE	<5
T-DCE	<5
VC	<2

LEGEND:

PCE	TETRACHLOROETHENE
TCE	TRICHLOROETHENE
DCE	DICHLOROETHENE
C-DCE	CIS-1,2-DICHLOROETHENE
T-DCE	TRANS-1,2-DICHLOROETHENE
VC	VINYL CHLORIDE

FILL
RESIDUAL SOILS
ALLUVIUM

NOTE: ALL RESULTS PRESENTED IN MICROGRAMS PER LITER (µg/l)

10'
0 50'

SCALE:
VERTICAL: 1"=10'
HORIZONTAL: 1"=50'

amec foster wheeler
Amec Foster W□ee□er Environment & Infrastructure, Inc.
2677 BUFORD HWY
ATLANTA, GEORGIA 30324 (404) 873-4761

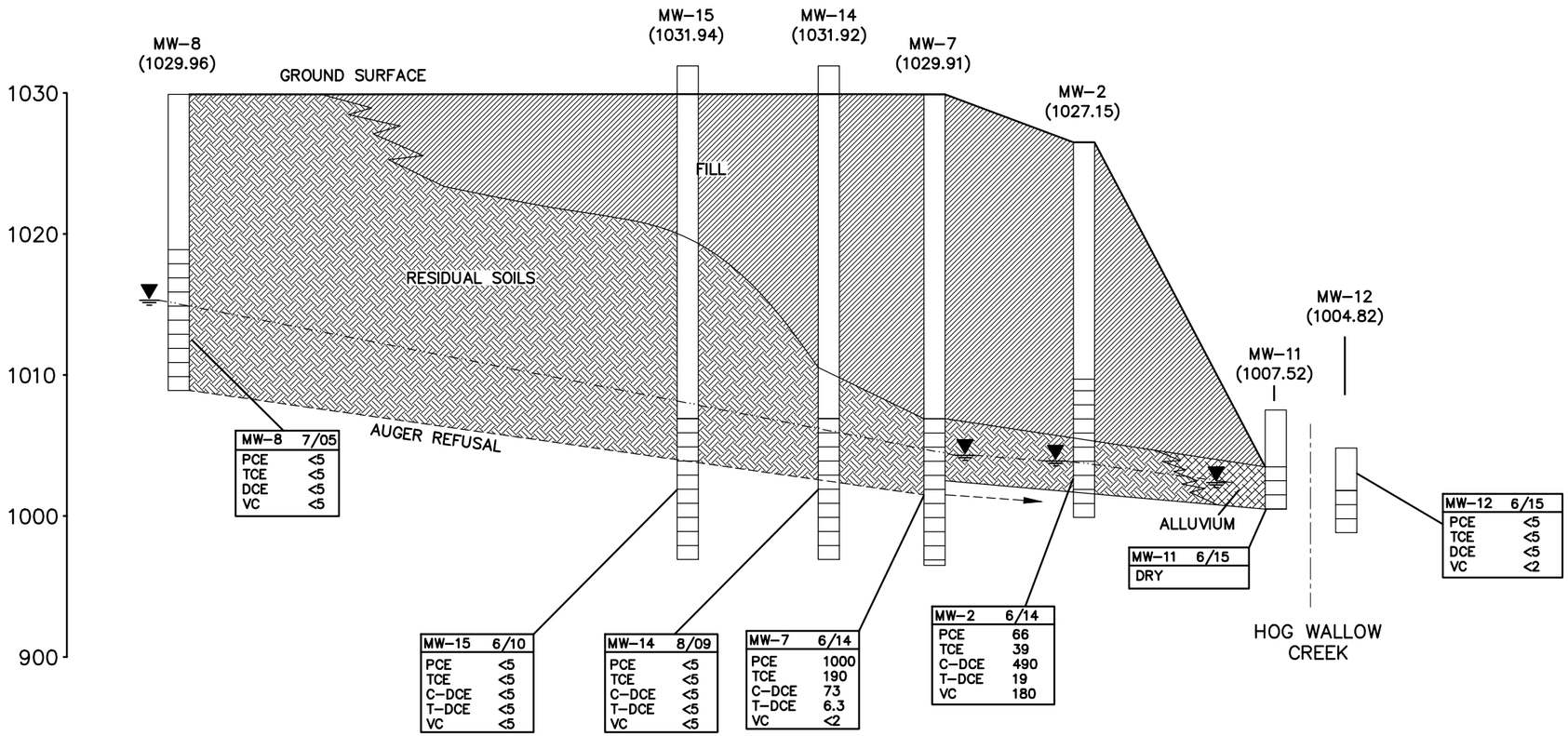
FORMER IMPERIAL CLEANERS
ROSWELL, GEORGIA

CROSS SECTION A□A□

Job Number	Task	Date	Scale	Drawn By	Approved By	Figure
6305-05-0319	12	SEPT. 2015	AS SHOWN	TG	SRF	6

B

B□



LEGEND:

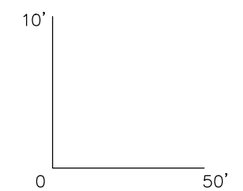
PCE	TETRACHLOROETHENE
TCE	TRICHLOROETHENE
DCE	DICHLOROETHENE
C-DCE	CIS-1,2-DICHLOROETHENE
T-DCE	TRANS-1,2-DICHLOROETHENE
VC	VINYL CHLORIDE

FILL

RESIDUAL SOILS

ALLUVIUM

NOTE: ALL RESULTS PRESENTED IN MICROGRAMS PER LITER (µg/l)



SCALE:
VERTICAL: 1"=10'
HORIZONTAL: 1"=50'

amec foster wheeler

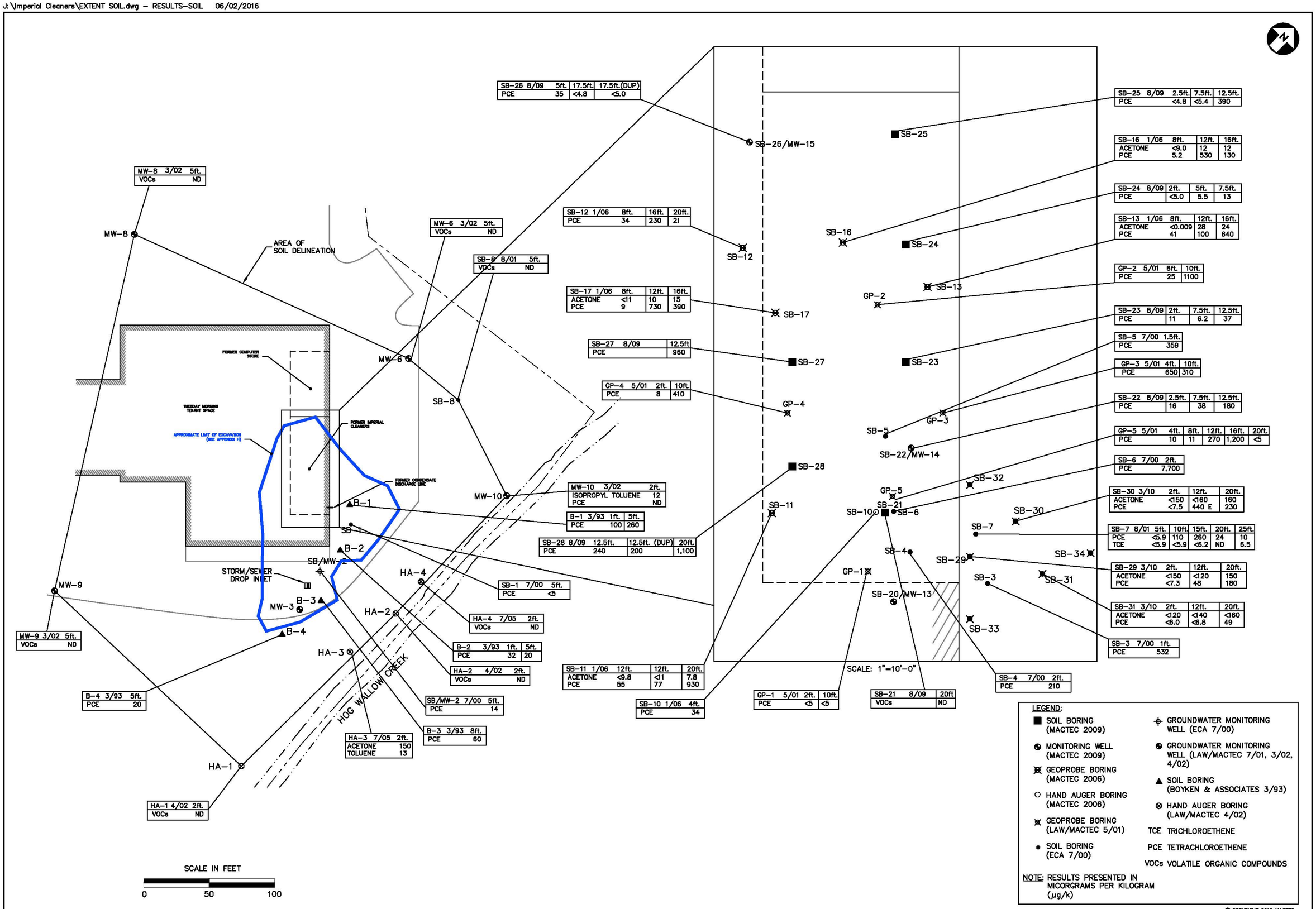
Amec Foster W□ee□er
Environment & Infrastructure, Inc.
2677 BUFORD HWY
ATLANTA, GEORGIA 30324 (404) 873-4761

FORMER IMPERIAL CLEANERS
ROSWELL, GEORGIA

CROSS SECTION B□B□

Job Number	Task	Date	Scale	Drawn By	Approved By	Figure
6305-05-0319	12	SEPT. 2015	AS SHOWN	TG	SRF	7

J:\Imperial Cleaners\EXTENT SOIL.dwg – RESULTS–SOIL 06/02/2016



REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED
DRAWN TG
CHECKED SRF
IN CHARGE
DATE SEPT. 2015

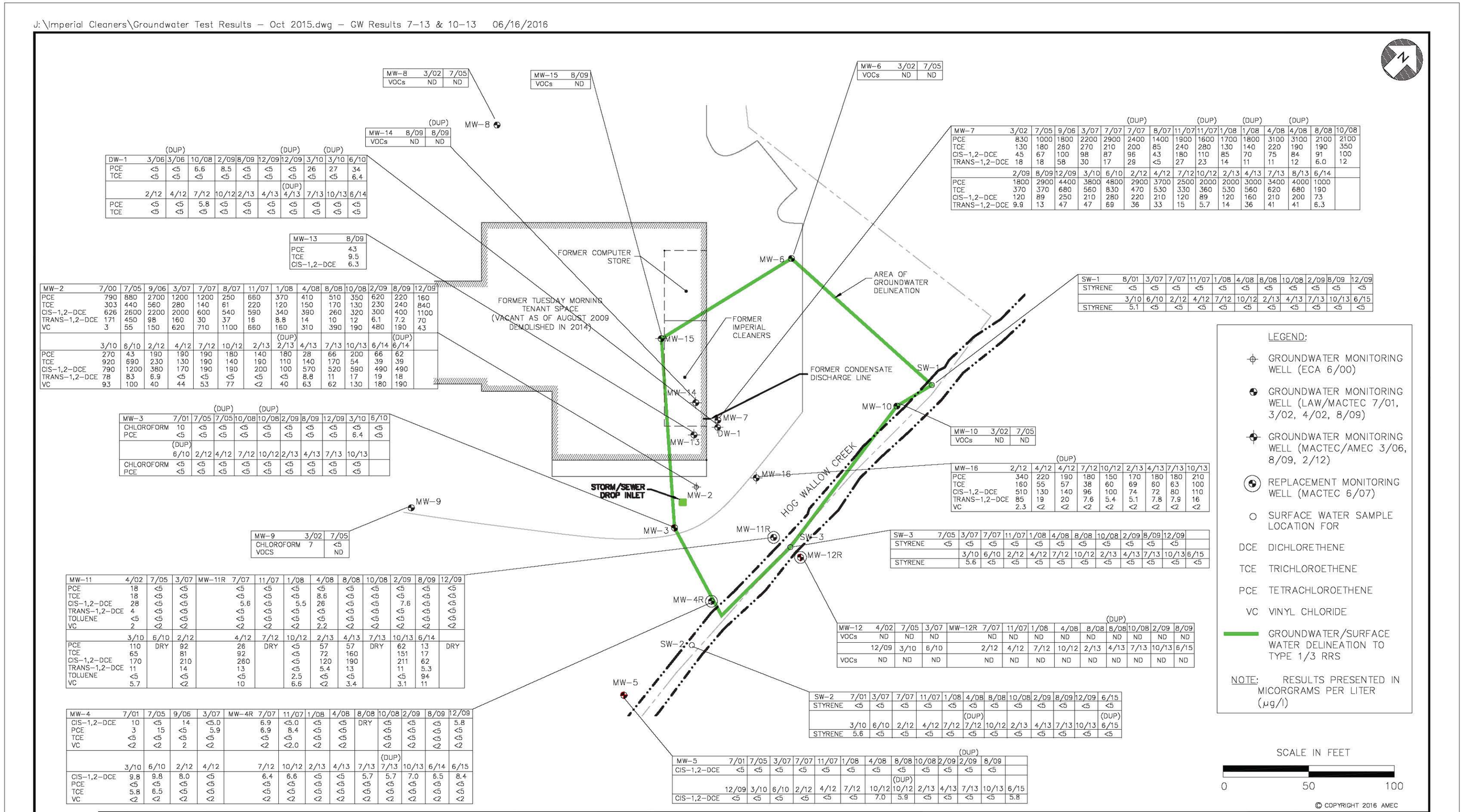
FORMER IMPERIAL CLEANERS
ROSWELL, GEORGIA

amec foster wheeler
ENVIRONMENT & INFRASTRUCTURE, INC.
2677 BUFORD HWY
ATLANTA, GEORGIA 30324 (404) 873–4761

SOIL TESTING RESULTS AND DELINEATION

SCALE: AS SHOWN
CONTRACT: 6305–05–0319
FIGURE NO. 8 | REV | PAGE NO

J:\Imperial Cleaners\Groundwater Test Results - Oct 2015.dwg - GW Results 7-13 & 10-13 06/16/2016



MW-8	3/02	7/05
VOCs	ND	ND

MW-15	8/09
VOCs	ND

MW-6	3/02	7/05
VOCs	ND	ND

MW-14	8/09	(DUP) 8/09
VOCs	ND	ND

DW-1	3/06	3/06	10/08	2/09	8/09	12/09	(DUP) 12/09	3/10	3/10	6/10
PCE	<5	<5	6.6	8.5	<5	<5	<5	26	27	34
TCE	<5	<5	<5	<5	<5	<5	<5	<5	<5	6.4

	2/12	4/12	7/12	10/12	2/13	4/13	(DUP) 4/13	7/13	10/13	6/14
PCE	<5	<5	5.8	<5	<5	<5	<5	<5	<5	<5
TCE	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

MW-13	8/09
PCE	43
TCE	9.5
CIS-1,2-DCE	6.3

MW-7	3/02	7/05	9/06	3/07	7/07	(DUP) 7/07	8/07	11/07	(DUP) 11/07	1/08	(DUP) 1/08	4/08	(DUP) 4/08	8/08	10/08
PCE	830	1000	1800	2200	2900	2400	1400	1900	1600	1700	1800	3100	3100	2100	2100
TCE	130	180	260	270	210	200	85	240	280	130	140	220	190	190	350
CIS-1,2-DCE	45	67	100	98	87	96	43	180	110	85	70	75	84	91	100
TRANS-1,2-DCE	18	18	58	30	17	29	<5	27	23	14	11	11	12	6.0	12

	2/09	8/09	12/09	3/10	6/10	2/12	4/12	7/12	10/12	2/13	4/13	7/13	8/13	6/14
PCE	1800	2900	4400	3800	4800	2900	3700	2500	2000	2000	3000	3400	4000	1000
TCE	370	370	680	560	830	470	530	330	360	530	560	620	680	190
CIS-1,2-DCE	120	89	250	210	280	220	210	120	89	120	160	210	200	73
TRANS-1,2-DCE	9.9	13	47	47	69	36	33	15	5.7	14	36	41	41	6.3

MW-2	7/00	7/05	9/06	3/07	7/07	8/07	11/07	1/08	(DUP) 1/08	4/08	8/08	10/08	2/09	8/09	12/09
PCE	790	880	2700	1200	1200	250	660	370	410	510	350	620	220	160	
TCE	303	440	560	280	140	61	220	120	150	170	130	230	240	840	
CIS-1,2-DCE	626	2600	2200	2000	600	540	590	340	390	260	320	300	400	1100	
TRANS-1,2-DCE	171	450	98	160	30	37	16	8.8	14	10	12	6.1	7.2	70	
VC	3	55	150	620	710	1100	660	160	310	390	190	480	190	43	

	3/10	6/10	2/12	4/12	7/12	10/12	2/13	(DUP) 2/13	4/13	7/13	10/13	6/14	(DUP) 6/14
PCE	270	43	190	190	190	180	140	180	28	66	200	66	62
TCE	920	690	230	130	190	140	190	110	140	170	54	39	39
CIS-1,2-DCE	790	1200	380	170	190	190	200	100	570	520	590	490	490
TRANS-1,2-DCE	78	83	6.9	<5	<5	<5	<5	<5	8.8	11	17	19	18
VC	93	100	40	44	53	77	<2	40	63	62	130	180	190

SW-1	8/01	3/07	7/07	11/07	1/08	4/08	8/08	10/08	2/09	8/09	12/09
STYRENE	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

	3/10	6/10	2/12	4/12	7/12	10/12	2/13	4/13	7/13	10/13	6/15
STYRENE	5.1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

MW-10	3/02	7/05
VOCs	ND	ND

MW-16	2/12	4/12	(DUP) 4/12	7/12	10/12	2/13	4/13	7/13	10/13
PCE	340	220	190	180	150	170	180	180	210
TCE	160	55	57	38	60	69	60	63	100
CIS-1,2-DCE	510	130	140	96	100	74	72	80	110
TRANS-1,2-DCE	85	19	20	7.6	5.4	5.1	7.8	7.9	16
VC	2.3	<2	<2	<2	<2	<2	<2	<2	<2

MW-3	7/01	7/05	(DUP) 7/05	10/08	(DUP) 10/08	2/09	8/09	12/09	3/10	6/10
CHLOROFORM	10	<5	<5	<5	<5	<5	<5	<5	<5	<5
PCE	<5	<5	<5	<5	<5	<5	<5	<5	6.4	<5

	6/10	2/12	4/12	7/12	10/12	2/13	4/13	7/13	10/13
CHLOROFORM	<5	<5	<5	<5	<5	<5	<5	<5	<5
PCE	<5	<5	<5	<5	<5	<5	<5	<5	<5

MW-9	3/02	7/05
CHLOROFORM	7	<5
VOCS		ND

SW-3	7/05	3/07	7/07	11/07	1/08	4/08	8/08	10/08	2/09	8/09	12/09	
STYRENE	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	

	3/10	6/10	2/12	4/12	7/12	10/12	2/13	4/13	7/13	10/13	6/15
STYRENE	5.6	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

MW-12	4/02	7/05	3/07	MW-12R	7/07	11/07	1/08	4/08	8/08	(DUP) 8/08	10/08	2/09	8/09
VOCs	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND

	12/09	3/10	6/10		2/12	4/12	7/12	10/12	2/13	4/13	7/13	10/13	6/15
VOCs	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-11	4/02	7/05	3/07	MW-11R	7/07	11/07	1/08	4/08	8/08	10/08	2/09	8/09	12/09
PCE	18	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5
TCE	18	<5	<5		<5	<5	<5	8.6	<5	<5	<5	<5	<5
CIS-1,2-DCE	28	<5	<5		5.6	<5	5.5	26	<5	<5	7.6	<5	<5
TRANS-1,2-DCE	4	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5
TOLUENE	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5
VC	2	<2	<2		<2	<2	<2	2.2	<2	<2	<2	<2	<2

	3/10	6/10	2/12	4/12	7/12	10/12	2/13	4/13	7/13	10/13	6/14	
PCE	110	DRY	92	26	DRY	<5	57	57	DRY	62	13	DRY
TCE	65		81	92		<5	72	160		151	17	
CIS-1,2-DCE	170		210	260		<5	120	190		211	62	
TRANS-1,2-DCE	11		14	13		<5	5.4	13		11	5.3	
TOLUENE	<5		<5	<5		2.5	<5	<5		<5	94	
VC	5.7		<2	10		6.6	<2	3.4		3.1	11	

MW-4	7/01	7/05	9/06	3/07	MW-4R	7/07	11/07	1/08	4/08	8/08	10/08	2/09	8/09	12/09
CIS-1,2-DCE	10	<5	14	<5.0		6.9	<5.0	<5	<5	DRY	<5	<5	<5	5.8
PCE	3	15	<5	5.9		6.9	8.4	<5	<5		<5	<5	<5	<5
TCE	<5	<5	<5	<5		<5	<5	<5	<5		<5	<5	<5	<5
VC	<2	<2	2	<2		<2	<2.0	<2	<2		<2	<2	<2	<2

	3/10	6/10	2/12	4/12	7/12	10/12	2/13	4/13	7/13	(DUP) 7/13	10/13	6/14	6/15
CIS-1,2-DCE	9.8	9.8	8.0	<5	6.4	6.6	<5	<5	5.7	5.7	7.0	6.5	8.4
PCE	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
TCE	5.8	6.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
VC	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

SW-2	7/01	3/07	7/07	11/07	1/08	4/08	8/08	10/08	2/09	8/09	12/09	6/15
STYRENE	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

	3/10	6/10	2/12	4/12	7/12	(DUP) 7/12	10/12	2/13	4/13	7/13	10/13	(DUP) 6/15
STYRENE	5.6	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

MW-5	7/01	7/05	3/07	7/07	11/07	1/08	4/08	8/08	10/08	2/09	(DUP) 2/09	8/09	
CIS-1,2-DCE	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	

	12/09	3/10	6/10	2/12	4/12	7/12	10/12	(DUP) 10/12	2/13	4/13	7/13	10/13	6/15
CIS-1,2-DCE	<5	<5	<5	<5	<5	<5	7.0	5.9	<5	<5	<5	<5	5.8

LEGEND:

- GROUNDWATER MONITORING WELL (ECA 6/00)
- GROUNDWATER MONITORING WELL (LAW/MACTEC 7/01, 3/02, 4/02, 8/09)
- GROUNDWATER MONITORING WELL (MACTEC/AMEC 3/06, 8/09, 2/12)
- REPLACEMENT MONITORING WELL (MACTEC 6/07)
- SURFACE WATER SAMPLE LOCATION FOR
  - DCE DICHLORETHENE
  - TCE TRICHLOROETHENE
  - PCE TETRACHLOROETHENE
  - VC VINYL CHLORIDE
- GROUNDWATER/SURFACE WATER DELINEATION TO TYPE 1/3 RRS

NOTE: RESULTS PRESENTED IN MICORGRAMS PER LITER (µg/l)

SCALE IN FEET

0 50 100

REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED
DRAWN TG
CHECKED SF
IN CHARGE CTF
DATE 09/15/2015

FORMER IMPERIAL CLEANERS
ROSWELL, GEORGIA

amec foster wheeler
ENVIRONMENT & INFRASTRUCTURE, INC.
2677 BUFORD HWY
ATLANTA, GEORGIA 30324 (404) 873-4761

CUMULATIVE GROUNDWATER TESTING RESULTS AND DELINEATION

SCALE AS SHOWN
CONTRACT 6305-05-0319
FIGURE NO. 9 REV PAGE NO

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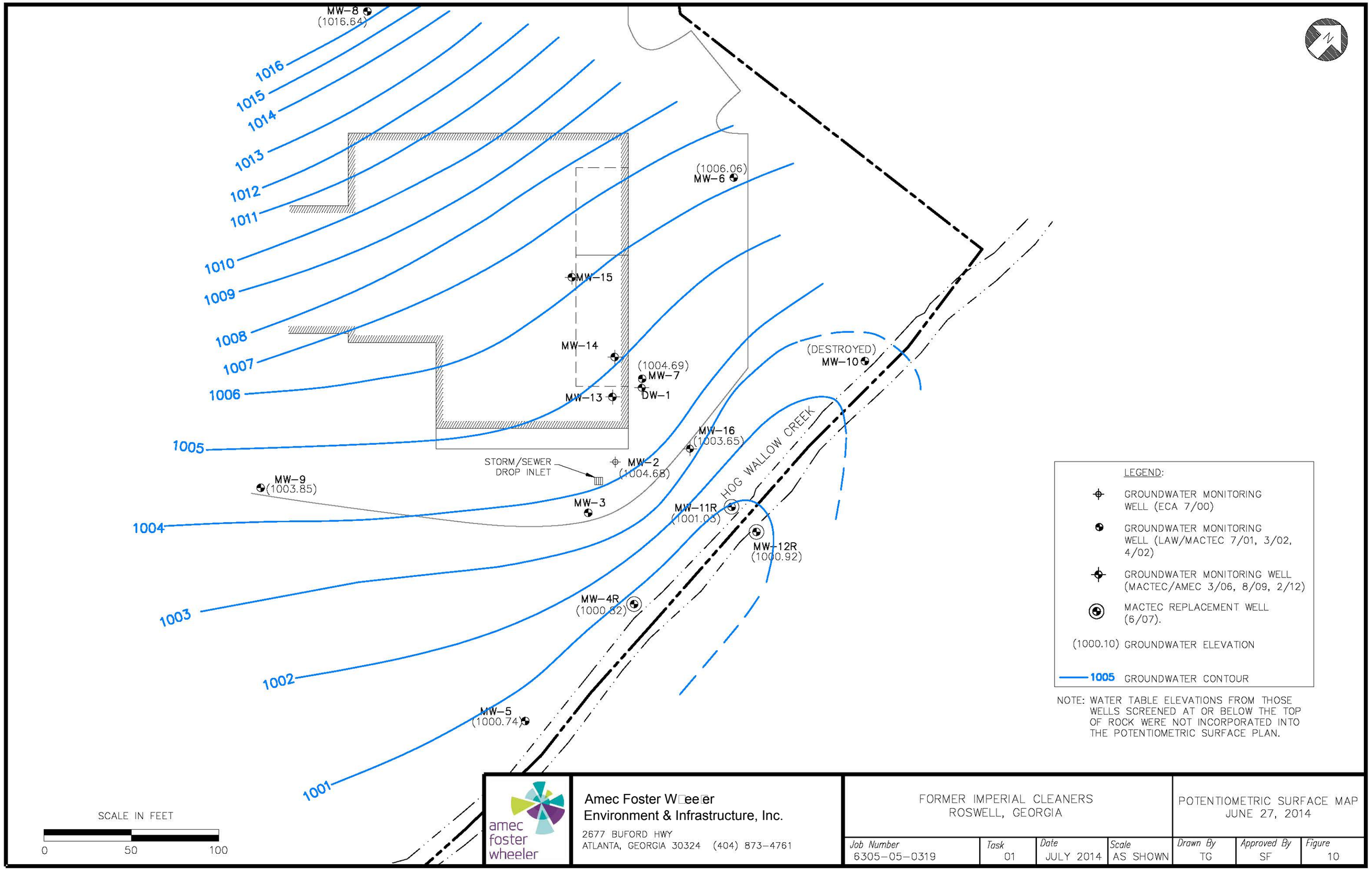

LEGEND:

- GROUNDWATER MONITORING WELL (ECA 7/00)
- GROUNDWATER MONITORING WELL (LAW/MACTEC 7/01, 3/02, 4/02)
- GROUNDWATER MONITORING WELL (MACTEC/AMEC 3/06, 8/09, 2/12)
- MACTEC REPLACEMENT WELL (6/07).
- (1000.10) GROUNDWATER ELEVATION
- 1005 GROUNDWATER CONTOUR

NOTE: WATER TABLE ELEVATIONS FROM THOSE WELLS SCREENED AT OR BELOW THE TOP OF ROCK WERE NOT INCORPORATED INTO THE POTENTIOMETRIC SURFACE PLAN.

amec foster wheeler

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

FORMER IMPERIAL CLEANERS
ROSWELL, GEORGIA

POTENTIOMETRIC SURFACE MAP
JUNE 27, 2014

Job Number	Task	Date	Scale	Drawn By	Approved By	Figure
6305-05-0319	01	JULY 2014	AS SHOWN	TG	SF	10

APPENDIX C

TABLES

TABLE 1 – MONITORING WELL DATA, 6/27/14

Well No.	Well Depth, BGS, Ft.	Screened Interval, Ft.	Ground Surface Elevation, Ft.	Top of Casing Elevation, Ft.	Depth to Water, TOC Ft.	Water Table Elevation, Ft.	Material Monitored
MW-2	24	14 - 24	1027.15	1026.80	22.12	1004.68	Soil
MW-3	52	47 - 52	1026.99	1026.83	24.06	1002.77	Bedrock
MW-4R	7.25	5 - 8	1006.87	1009.62	8.80	1000.82	Soil
MW-5	6	4 – 7	1005.06	1007.51	6.73	1000.78	Soil
MW-6	33	23 – 33	1030.35	1030.08	24.02	1006.06	Soil
MW-7	33	23 -33	1029.91	1029.59	24.90	1004.69	Transitional Zone
MW-8	21	11 - 21	1029.96	1029.61	12.97	1016.64	Soil
MW-9	30	20 - 30	1027.69	1027.44	22.87	1004.57	Soil
MW-11R	5.5	3 – 5.5	1005.32	1006.12	5.09	1001.03	Soil
MW-12R	5.5	3 – 5.5	1003.57	1004.82	3.90	1000.92	Soil
MW-16	33	23 – 33	1029.08	1028.69	25.04	1003.65	Transitional Zone
DW-1	55.5	50.5 – 55.5	1029.76	1029.46	24.47	1004.99	Bedrock

BGS - Below Ground Surface
TOC - Top of Casing

TABLE 2 – SUMMARY OF SLUG TEST DATA

Well No.	Hydraulic Conductivity, cm/sec (Slug-In)	Hydraulic Conductivity, cm/sec (Slug-Out)	Strata Measured
MW-3	20.05×10^{-5}	30.08×10^{-5}	Fractured Rock
MW-8	2.140×10^{-5}	6.553×10^{-5}	Residual Soil/Partially Weathered Rock
MW-9	9.396×10^{-5}	9.194×10^{-5}	Fill, Alluvial Soil, Residual Soil

cm/sec – centimeters per second

TABLE 3 - SUMMARY OF SOIL TESTING RESULTS, ug/kg

BOYKIN AND ASSOCIATES, INC. – March 1993

Sample No.	Depth, Ft.	Date Collected	PCE	TCE	Acetone	Toluene
B-1	1	3/93	100	<10	<100	<10
B-1	5	3/93	260	<10	<100	<10
B-2	1	3/93	32	<10	<100	<10
B-2	5	3/93	20	<10	<100	<10
B-3	8	3/93	60	<10	<100	<10
B-4	5	3/93	20	<10	<100	<10

ENVIRONMENTAL CORPORATION OF AMERICA – June-July 2000

Sample No.	Depth, Ft.	Date Collected	PCE	TCE	Acetone	Toluene
SB-1	5	6-7/00	<5	<5	<100	<5
SB-2/MW-2	5	6-7/00	14	<5	<100	<5
SB-3	1	6-7/00	532	<5	<100	<5
SB-4	2	6-7/00	210	<5	<100	<5
SB-5	1.5	6-7/00	359	<5	<100	<5
SB-6	2	6-7/00	7,700	<5	<100	<5

LAW ENGINEERING AND ENVIRONMENTAL SERVICES, INC. (Amec FW) – May 2001

Sample No.	Depth, Ft.	Date Collected	PCE	TCE	Acetone	Toluene
GP-1-2	2	5/01	<5	<5	NT	NT
GP-1-10	10	5/01	<5	<5	NT	NT
GP-2-6	6	5/01	25	<5	NT	NT
GP-2-10	10	5/01	1,100	<5	NT	NT
GP-3-4	4	5/01	650	<5	NT	NT
GP-3-10	10	5/01	310	<5	NT	NT
GP-4-2	2	5/01	8	<5	NT	NT
GP-4-10	10	5/01	410	<5	NT	NT
GP-5-4	4	5/01	10	<5	NT	NT
GP-5-8	8	5/01	11	<5	NT	NT
GP-5-12	12	5/01	270	<5	NT	NT
GP-5-16	16	5/01	1,200	<5	NT	NT
GP-5-20	20	5/01	<5	<5	NT	NT

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

TABLE 3 - SUMMARY OF SOIL TESTING RESULTS, ug/kg (Continued)

LAW ENGINEERING AND ENVIRONMENTAL SERVICES, INC. (Amec FW) – August 2001

Sample No.	Depth, Ft.	Date Collected	PCE	TCE	Acetone	Toluene
SB-7	5	8/01	<5.9	<5.9	<120	<5.9
SB-7	10	8/01	110	<5.9	<120	<5.9
SB-7	15	8/01	260	<6.3	<130	<6.3
SB-7	20	8/01	84	<6.1	<120	<6.1
SB-7	25	8/01	10	6.5	<120	<5.8
SB-8	5	8/01	<7.1	<7.1	<140	<7.1
MW-3	5	8/01	7.0	<5.7	<110	<5.7

LAW ENGINEERING AND ENVIRONMENTAL SERVICES, INC. (Amec FW) – March 2002

Sample No.	Depth, Ft.	Date Collected	PCE	TCE	Acetone	Toluene
MW-6	5	3/02	<6.1	<6.1	<120	<6.1
MW-8	5	3/02	<5.6	<5.6	<110	<5.6
MW-9	5	3/02	<6.1	<6.1	<120	<6.1
MW-10	2	3/02	<6.2	<6.2	<120	<6.2
HA-1	2	4/02	<6.9	<6.9	<140	<6.9
HA-2	2	4/02	<5.9	<5.9	<120	<5.9

MACTEC ENGINEERING AND CONSULTING, INC. (Amec FW) – July 2005

Sample No.	Depth, Ft.	Date Collected	PCE	TCE	Acetone	Toluene
HA-3	2	7/05	<3.6	<3.6	150	13
HA-4	2	7/05	<7.8	<7.8	<160	<7.8
HA-5	1	7/05	8.5	<5.5	<110	<5.5
HA-5 (Dup)	1	7/05	6.9	<5.5	<110	<5.5
HA-5	3	7/05	20	<5.2	<100	<5.2

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

TABLE 3 - SUMMARY OF SOIL TESTING RESULTS, ug/kg (Continued)

MACTEC ENGINEERING AND CONSULTING, INC. (Amec FW) – JANUARY 2006						
Sample No.	Depth, Ft.	Date Collected	PCE	TCE	Acetone	Toluene
SB-10	4	1/06	34	<6.3	<130	<6.3
SB-11	12	1/06	55	<5.3	<110	<5.3
SB-11	16	1/06	77	<6.1	<110	<6.1
SB-11	20	1/06	930	7.8	<120	<6.1
SB-12	8	1/06	34	<6.5	<130	<6.5
SB-12	16	1/06	230	<7.2	<140	<7.2
SB-12	20	1/06	21	<6.3	<130	<6.3
SB-13	8	1/06	41	<6.2	<120	<6.2
SB-13	12	1/06	100	<6.6	<130	<6.6
SB-13	16	1/06	640	<5.8	<120	<5.8
SB-16	8	1/06	<6.3	<6.3	<130	<6.3
SB-16	12	1/06	530	<6.0	<120	<6.0
SB-16	16	1/06	130	<6.3	<130	<6.3
SB-17	8	1/06	9	<7.4	<110	<7.4
SB-17	12	1/06	730	<6.5	<130	<6.5
SB-17	16	1/06	390	<7.1	<140	<7.1

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

TABLE 3 - SUMMARY OF SOIL TESTING RESULTS, ug/kg (Continued)

MACTEC ENGINEERING AND CONSULTING, INC. (Amec FW) – AUGUST 2009

Sample No.	Depth, Ft.	Date Collected	PCE	TCE	Acetone	Toluene
SB-21-20	20	8/09	<5.0	<7.3	<150	<7.3
SB-22-2.5	2.5	8/09	16	<6.3	<130	<6.3
SB-22-7.5	7.5	8/09	38	<4.9	<98	<4.9
SB-22-12.5	12.5	8/09	180	<5.4	<110	<5.4
SB-23-2	2	8/09	11	<5.8	<120	<5.8
SB-23-7.5	7.5	8/09	6.2	<5.8	<120	<5.8
SB-23-12.5	12.5	8/09	37	<5.3	<110	<5.3
SB-24-2	2	8/09	<5.0	<5.7	<110	<5.7
SB-24-5	5	8/09	5.5	<4.8	<96	<4.8
SB-24-7.5	7.5	8/09	13	<5.9	<120	<5.9
SB-25-2.5	2.5	8/09	<4.8	<4.8	<96	<4.8
SB-25-7.5	7.5	8/09	<5.4	<5.4	<110	<5.4
SB-25-12.5	12.5	8/09	390	<4.9	<98	<4.9
SB-26-5	5	8/09	35	<5.9	<120	<5.9
SB-26-17.5	17.5	8/09	<4.8	<4.8	<96	<4.8
SB-26-17.5 Ft. (Dup)	17.5	8/09	<5.0	<5.0	<100	<5.0
SB-27-12.5	12.5	8/09	960	<4.8	<96	<4.8
SB-28-12.5	12.5	8/09	240	<5.9	<120	<5.9
SB-28-12.5 Ft. (Dup)	12.5	8/09	200	<5.9	<120	<5.9
SB-28-20	20	8/09	1,100	<4.6	<93	<4.6

MACTEC ENGINEERING AND CONSULTING, INC. (Amec FW) – MARCH 2010

Sample No.	Depth, Ft.	Date Collected	PCE	TCE	Acetone	Toluene
SB-29	2	3/10	<7.3	<7.3	<150	<7.3
SB-29	12	3/10	48	<6.2	<120	<6.2
SB-29	20	3/10	180	<7.0	150	<7.0
SB-30	2	3/10	<7.5	<7.5	<150	<7.5
SB-30	12	3/10	440E	<8.1	<160	<8.1
SB-30	20	3/10	230	<7.7	<150	<7.7
SB-31	2	3/10	<6.0	<6.0	<120	<6.0
SB-31	12	3/10	<6.8	<6.8	<140	<6.8
SB-31	20	3/10	49	<7.8	<160	<7.8

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

TABLE 4 – SUMMARY OF GROUNDWATER/SURFACE WATER TESTING, µg/l								
Well No.	Sampling Date	PCE	TCE	Trans-1,2-DCE	Cis-1,2-DCE	Vinyl Chloride	Chloroform	Styrene
MW-2	7/00	790	303	171	626	3	<2	<2
	7/8/05	880	440	450	2600	55	<5	<5
	9/11/06	2700	560	98	2200	150	<5	<5
	3/21/07	1200	280	160	2000	620	<5	<5
	7/3/07	1200	140	30	600	710	<5	<5
	8/17/07	250	61	37	540	1100	<5	<5
	11/07	660	220	16	590	660	<5	<5
	1/18/08	370	120	8.8	340	160	<5	<5
	4/29/08	410	150	14	390	310	<5	<5
	8/15/08	510	170	10	260	390	<5	<5
	10/28/08	350	130	12	320	190	<5	<5
	2/27/09	620	230	6.1	300	480	<5	<5
	8/19/09	220	240	7.2	400	190	<5	<5
	12/16/09	160	840	70	1100	43	<5	<5
	3/30/10	270	920	78	790	93	<5	<5
	6/30/10	43	690	83	1200	100	<5	<5
	2/9/12	190	230	6.9	380	40	<5	<5
	4/19/12	190	130	<5	170	47	<5	<5
	7/18/12	190	190	<5	190	53	<5	<5
	10/17/12	180	140	<5	190	77	<5	<5
	2/8/13	140	190	<5	200	<2	<5	<5
	2/8/13(dup)	180	110	<5	100	40	<5	<5
	4/18/13	28	140	8.8	570	63	<5	<5
	7/26/13	66	170	11	520	62	<5	<5
	10/16/13	200	54	17	590	130	<5	<5
	6/27/14	66	39	19	490	180	<5	<5
	6/27/14 (dup)	62	39	18	490	190	<5	<5
	12/15/14	43	57	110	440	22	<5	<5
	6/30/15	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed
MW-3	8/15/01	<2	<2	<2	<2	<2	10	<2
	7/13/05	<5	<5	<5	<5	<2	<5	<5
	10/28/08	<5	<5	<5	<5	<2	<5	<5
	10/28/08(dup)	<5	<5	<5	<5	<2	<5	<5
	2/27/09	<5	<5	<5	<5	<2	<5	<5
	8/19/09	<5	<5	<5	<5	<2	<5	<5
	12/16/09	<5	<5	<5	<5	<2	<5	<5
	3/30/10	6.4	<5	<5	<5	<2	<5	<5
	6/30/10	<5	<5	<5	<5	<2	<5	<5
	6/30/10 (dup)	<5	<5	<5	<5	<2	<5	<5
	2/8/12	<5	<5	<5	<5	<2	<5	<5
	4/19/12	<5	<5	<5	<5	<2	<5	<5
	7/18/12	<5	<5	<5	<5	<2	<5	<5
	10/17/12	<5	<5	<5	<5	<2	<5	<5
	2/7/13	<5	<5	<5	<5	<2	<5	<5
	4/18/13	<5	<5	<5	<5	<2	<5	<5
	7/26/13	<5	<5	<5	<5	<2	<5	<5
	10/15/13	<5	<5	<5	<5	<2	<5	<5
	6/30/15	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed
MW-4	8/15/01	3	<2	<2	10	<2	<2	<2
	7/13/05	15	<5	<5	<5	<2	<5	<5
	9/11/06	<5	<5	<5	14	2	<5	<5
	3/21/07	5.9	<5	<5	<5	<2	<5	<5

TABLE 4 – SUMMARY OF GROUNDWATER/SURFACE WATER TESTING, µg/l								
Well No.	Sampling Date	PCE	TCE	Trans-1,2-DCE	Cis-1,2-DCE	Vinyl Chloride	Chloroform	Styrene
MW-4R	7/3/07	6.9	<5	<5	6.9	<2	<5	<5
	11/07	8.4	<5	<5	<5	<2	<5	<5
	1/18/08	<5	<5	<5	<5	<2	<5	<5
	4/29/08	<5	<5	<5	<5	<2	<5	<5
	8/15/08	No Sample	No Sample	No Sample	No Sample	No Sample	No Sample	No Sample
	10/28/08	<5	<5	<5	<5	<2	<5	<5
	2/27/09	<5	<5	<5	<5	<2	<5	<5
	8/19/09	<5	<5	<5	<5	<2	<5	<5
	12/16/09	5.8	<5	<5	<5	<2	<5	<5
	3/30/10	<5	<5	<5	9.8	<2	<5	<5
	6/30/10	<5	5.8	<5	9.8	<2	<5	<5
	2/8/12	<5	6.5	<5	<5	<2	<5	<5
	2/8/12	<5	<5	<5	8.0	<2	<5	<5
	4/19/12	<5	<5	<5	<5	<2	<5	<5
	7/18/12	<5	<5	<5	6.4	<2	<5	<5
	10/17/12	<5	<5	<5	6.6	<2	<5	<5
	2/8/13	<5	<5	<5	<5	<2	<5	<5
	4/19/13	<5	<5	<5	<5	<2	<5	<5
	7/25/13	<5	<5	<5	5.7	<2	<5	<5
	7/25/13 (dup)	<5	<5	<5	5.7	<2	<5	<5
	8/15/13	<5	<5	<5	7.0	<2	<5	<5
	6/27/14	<5	<5	<5	6.5	<2	<5	<5
	12/15/14	<5	<5	<5	6.4	<2	<5	<5
	6/30/015	<5	<5	<5	8.4	<2	<5	<5
MW-5	8/15/01	<2	<2	<2	<2	<2	<2	<2
	7/8/05	<5	<5	<5	<5	<2	<5	<5
	3/21/07	<5	<5	<5	<5	<2	<5	<5
	7/3/07	<5	<5	<5	<5	<2	<5	<5
	11/07	<5	<5	<5	<5	<2	<5	<5
	1/18/08	<5	<5	<5	<5	<2	<5	<5
	4/29/08	<5	<5	<5	<5	<2	<5	<5
	8/15/08	<5	<5	<5	<5	<2	<5	<5
	10/28/08	<5	<5	<5	<5	<2	<5	<5
	2/27/09	<5	<5	<5	<5	<2	<5	<5
	2/27/09 (dup)	<5	<5	<5	<5	<2	<5	<5
	8/19/09	<5	<5	<5	<5	<2	<5	<5
	12/16/09	<5	<5	<5	<5	<2	<5	<5
	3/30/10	<5	<5	<5	<5	<2	<5	<5
	6/30/10	<5	<5	<5	<5	<2	<5	<5
	2/9/12	<5	<5	<5	<5	<2	<5	<5
	4/19/12	<5	<5	<5	<5	<2	<5	<5
	7/18/12	<5	<5	<5	<5	<2	<5	<5
	10/17/12	<5	<5	<5	7.0	<2	<5	<5
	10/17/12 (dup)	<5	<5	<5	5.9(dup)	<2	<5	<5
	2/8/13	<5	<5	<5	<5	<2	<5	<5
	4/19/13	<5	<5	<5	<5	<2	<5	<5
	7/26/13	<5	<5	<5	<5	<2	<5	<5
	10/16/13	<5	<5	<5	<5	<2	<5	<5
	6/30/15	<5	<5	<5	5.8	<2	<5	<5
MW-6	3/14/02	<2	<2	<2	<2	<2	<2	<2
	7/8/05	<5	<5	<5	<5	<5	<5	<5

TABLE 4 – SUMMARY OF GROUNDWATER/SURFACE WATER TESTING, µg/l								
Well No.	Sampling Date	PCE	TCE	Trans-1,2-DCE	Cis-1,2-DCE	Vinyl Chloride	Chloroform	Styrene
MW-7	3/14/02	830	130	18	45	<2	<2	<5
	7/8/05	1000	180	18	67	<2	<5	<5
	9/11/06	1800	260	58	100	<2	<5	<5
	3/21/07	2200	270	30	98	<2	<5	<5
	7/3/07	2900	210	37	87	<2	<5	<5
	7/3/07 (dup)	2400	200	29	96	<2	<5	<5
	8/17/07	1400	85	<5	43	<2	<5	<5
	11/07	1900	240	27	180	<2	<5	<5
	11/07 (dup)	1600	280	23	110	<2	<5	<5
	1/18/08	1700	130	14	85	<2	<5	<5
	1/18/08 (dup)	1800	140	11	70	<2	<5	<5
	4/29/08	3100	220	11	75	<2	<5	<5
	4/29/08 (dup)	3100	190	12	84	<2	<5	<5
	8/15/08	2100	190	6	91	<2	<5	<5
	10/28/08	2100	350	12	100	<2	<5	<5
	2/27/09	1800	370	9.9	120	<2	<5	<5
	8/19/09	2900	370	13	89	<2	<5	<5
	12/16/09	4400	680	47	250	<2	<5	<5
	3/30/10	3800	560	47	210	<2	<5	<5
	6/30/10	4800	830	69	280	<2	<5	<5
	2/9/12	2900	470	36	220	<2	<5	<5
	4/19/12	3700	530	33	210	<2	<5	<5
	7/18/12	2500	330	15	120	<2	<5	<5
	10/17/12	2000	360	5.7	89	<2	<5	<5
	2/7/13	2000	530	14	120	<2	<5	<5
	4/18/13	3000	560	36	160	<2	<5	<5
	7/26/13	3400	620	41	210	<2	<5	<5
	8/16/13	4000	680	41	200	<2	<5	<5
	6/27/14	1000	190	6.3	73	<2	<5	<5
	12/15/14	2500	940	50	410	<2	<5	<5
	12/15/14 (dup)	2900	960	60	410	<2	<5	<5
	6/30/015	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed
MW-8	3/14/02	<2	<2	<2	<2	<2	<2	<2
	7/8/05	<5	<5	<5	<5	<2	<5	<5
MW-9	3/14/02	<2	<2	<2	<2	<2	7	<2
	7/8/05	<5	<5	<5	<5	<2	<5	<5
MW-10	3/14/02	<2	<2	<2	<2	<2	<2	<2
	7/8/05	<5	<5	<5	<5	<5	<5	<5
MW-11	4/4/02	18	18	4	28	2	<2	<2
	7/8/05	<5	<5	<5	<5	<2	<5	<5
	3/21/07	<5	<5	<5	<5	<2	<5	<5

TABLE 4 – SUMMARY OF GROUNDWATER/SURFACE WATER TESTING, µg/l								
Well No.	Sampling Date	PCE	TCE	Trans-1,2-DCE	Cis-1,2-DCE	Vinyl Chloride	Chloroform	Styrene
MW-11R			<5					
			<5					
	7/3/07	<5	<5	<5	5.6	<2	<5	<2
	11/07	<5	8.6	<5	<5	<2	<5	<5
	1/18/08	<5	<5	<5	5.5	<2	<5	<5
	4/29/08	<5	<5	<5	26	2.2	<5	<5
	8/15/08	<5	<5	<5	<5	<2	<5	<5
	10/28/08	<5	<5	<5	<5	<2	<5	<5
	2/27/09	<5	<5	<5	7.6	<2	<5	<5
	8/19/09	<5	65	<5	<5	<2	<5	<5
	12/16/09	<5	No	<5	<5	<2	<5	<5
	3/30/10	110	Sample	11	170	5.7	<5	<5
	6/30/10	No Sample	81	No Sample	No Sample	No Sample	No Sample	No Sample
	2/8/12	92	92	14	210	<2	<5	<5
	4/19/12	26	No	13	260	10	<5	<5
	7/18/12	No Sample	Sample	No Sample	No Sample	No Sample	No Sample	No Sample
	10/17/12	<5	<5	<5	<5	6.6	<5	<5
	2/8/13	57	72	5.4	120	<2	<5	<5
	4/19/13	57	160	13	190	3.4	<5	<5
	7/25/13	No Sample	No	No Sample	No Sample	No Sample	No Sample	No Sample
	10/15/13	62	Sample	11	211	3.1	<5	<5
	6/27/14	13	151	5.3	62	11	<5	<5
	12/15/14	72	17	14	150	<2	<5	<5
	6/30/015	No Sample	83	No Sample	No Sample	No Sample	No Sample	No Sample
			No Sample					
MW-12	6/12/02	<2	<2	<2	<2	<2	<2	<2
	7/13/05	<5	<5	<5	<5	<2	<5	<5
	3/21/07	<5	<5	<5	<5	<2	<5	<5
MW-12R	7/3/07	<5	<5	<5	<5	<2	<5	<5
	11/07	<5	<5	<5	<5	<2	<5	<5
	1/18/08	<5	<5	<5	<5	<2	<5	<5
	4/29/08	<5	<5	<5	<5	<2	<5	<5
	8/15/08	<5	<5	<5	<5	<2	<5	<5
	10/28/08	<5	<5	<5	<5	<2	<5	<5
	2/27/09	<5	<5	<5	<5	<2	<5	<5
	8/19/09	<5	<5	<5	<5	<2	<5	<5
	12/16/09	<5	<5	<5	<5	<2	<5	<5
	3/30/10	<5	<5	<5	<5	<2	<5	<5
	6/30/10	<5	<5	<5	<5	<2	<5	<5
	2/8/12	<5	<5	<5	<5	<2	<5	<5
	4/19/12	<5	<5	<5	<5	<2	<5	<5
	7/18/12	<5	<5	<5	<5	<2	<5	<5
	10/17/12	<5	<5	<5	<5	<2	<5	<5
	2/8/13	<5	<5	<5	<5	<2	<5	<5
	4/19/13	<5	<5	<5	<5	<2	<5	<5
	7/26/13	<5	<5	<5	<5	<2	<5	<5
	10/15/13	<5	<5	<5	<5	<2	<5	<5
	6/30/15	<5	<5	<5	<5	<2	<5	<5
DW-1	3/22/06	<5	<5	<5	<5	<2	<5	<5
	10/28/08	6.6	<5	<5	<5	<2	<5	<5
	2/27/09	8.5	<5	<5	<5	<2	<5	<5
	8/19/09	<5	<5	<5	<5	<2	<5	<5
	12/16/09	<5	<5	<5	<5	<2	<5	<5
	12/16/09 (dup)	<5	<5	<5	<5	<2	<5	<5
	3/30/10	26	<5	<5	<5	<2	<5	<5
	3/30/10 (dup)	27	<5	<5	<5	<2	<5	<5
	6/30/10	34	6.4	<5	<5	<2	<5	<5
	2/9/12	<5	<5	<5	<5	<2	<5	<5
	4/19/12	<5	<5	<5	<5	<2	<5	<5
	7/18/12	5.8	<5	<5	<5	<2	<5	<5
	10/17/12	<5	<5	<5	<5	<2	<5	<5
	2/7/13	<5	<5	<5	<5	<2	<5	<5
	4/18/13	<5	<5	<5	<5	<2	<5	<5
	4/18/13(dup)	<5	<5	<5	<5	<2	<5	<5
	7/26/13	<5	<5	<5	<5	<2	<5	<5
	10/15/13	<5	<5	<5	<5	<2	<5	<5
	6/27/14	<5	<5	<5	<5	<2	<5	<5
	12/15/14	<5	<5	<5	<5	<2	<5	<5
	6/30/15	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed

TABLE 4 – SUMMARY OF GROUNDWATER/SURFACE WATER TESTING, µg/l

Well No.	Sampling Date	PCE	TCE	Trans-1,2-DCE	Cis-1,2-DCE	Vinyl Chloride	Chloroform	Styrene
MW-13	8/19/09	43	9.5	<5	6.3	<2	<5	<5
	6/30/15	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed
MW-14	8/19/09	<5	<5	<5	<5	<2	<5	<5
	8/19/09 (dup)	<5	<5	<5	<5	<2	<5	<5
	6/30/15	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed
MW-15	8/19/09	<5	<5	<5	<5	<2	<5	<5
	6/30/15	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed
MW-16	2/13/12	340	160	85	510	2.3	<5	<5
	4/19/12	220	55	19	130	<2	<5	<5
	4/19/12 (dup)	190	57	20	140	<2	<5	<5
	7/18/12	180	38	7.6	96	<2	<5	<5
	10/17/12	150	60	5.4	100	<2	<5	<5
	2/7/13	170	69	5.1	74	<2	<5	<5
	4/18/13	180	60	7.8	72	<2	<5	<5
	7/26/13	180	63	7.9	80	<2	<5	<5
	10/15/13	210	100	16	110	<2	<5	<5
	6/30/15	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed
SW-1	8/15/01	<5	<5	<5	<5	<2	<5	<5
	3/21/07	<5	<5	<5	<5	<2	<5	<5
	7/3/07	<5	<5	<5	<5	<2	<5	<5
	11/07	<5	<5	<5	<5	<2	<5	<5
	1/18/08	<5	<5	<5	<5	<2	<5	<5
	4/29/08	<5	<5	<5	<5	<2	<5	<5
	8/15/08	<5	<5	<5	<5	<2	<5	<5
	10/28/08	<5	<5	<5	<5	<2	<5	<5
	2/27/09	<5	<5	<5	<5	<2	<5	<5
	8/19/09	<5	<5	<5	<5	<2	<5	<5
	12/16/09	<5	<5	<5	<5	<2	<5	<5
	3/30/10	<5	<5	<5	<5	<2	<5	5.1
	6/30/10	<5	<5	<5	<5	<2	<5	<5
	2/8/12	<5	<5	<5	<5	<2	<5	<5
	4/19/12	<5	<5	<5	<5	<2	<5	<5
	7/19/12	<5	<5	<5	<5	<2	<5	<5
	10/17/12	<5	<5	<5	<5	<2	<5	<5
	2/8/13	<5	<5	<5	<5	<2	<5	<5
	4/19/13	<5	<5	<5	<5	<2	<5	<5
	7/26/13	<5	<5	<5	<5	<2	<5	<5
	10/16/13	<5	<5	<5	<5	<2	<5	<5
	6/30/15	<5	<5	<5	<5	<2	<5	<5
SW-2	8/15/01	<5	<5	<5	<5	<2	<5	<5
	3/21/07	<5	<5	<5	<5	<2	<5	<5
	7/3/07	<5	<5	<5	<5	<2	<5	<5
	11/07	<5	<5	<5	<5	<2	<5	<5
	1/18/08	<5	<5	<5	<5	<2	<5	<5
	4/29/08	<5	<5	<5	<5	<2	<5	<5
	8/15/08	<5	<5	<5	<5	<2	<5	<5
	10/28/08	<5	<5	<5	<5	<2	<5	<5
	2/27/09	<5	<5	<5	<5	<2	<5	<5
	8/19/09	<5	<5	<5	<5	<2	<5	<5
	12/16/09	<5	<5	<5	<5	<2	<5	<5
	3/30/10	<5	<5	<5	<5	<2	<5	5.6
	6/30/10	<5	<5	<5	<5	<2	<5	<5
	2/8/12	<5	<5	<5	<5	<2	<5	<5
	4/19/12	<5	<5	<5	<5	<2	<5	<5
	7/19/12	<5	<5	<5	<5	<2	<5	<5
	10/17/12	<5	<5	<5	<5	<2	<5	<5
	2/8/13	<5	<5	<5	<5	<2	<5	<5
	4/19/13	<5	<5	<5	<5	<2	<5	<5
	7/26/13	<5	<5	<5	<5	<2	<5	<5
	10/16/13	<5	<5	<5	<5	<2	<5	<5
	6/30/15	<5	<5	<5	<5	<2	<5	<5

TABLE 4 – SUMMARY OF GROUNDWATER/SURFACE WATER TESTING, µg/l								
Well No.	Sampling Date	PCE	TCE	Trans-1,2-DCE	Cis-1,2-DCE	Vinyl Chloride	Chloroform	Styrene
SW-3	7/8/05	<5	<5	<5	<5	<2	<5	<5
	3/2107	<5	<5	<5	<5	<2	<5	<5
	7/3/07	<5	<5	<5	<5	<2	<5	<5
	11/07	<5	<5	<5	<5	<2	<5	<5
	1/18/08	<5	<5	<5	<5	<2	<5	<5
	4/29/08	<5	<5	<5	<5	<2	<5	<5
	8/15/08	<5	<5	<5	<5	<2	<5	<5
	10/28/08	<5	<5	<5	<5	<2	<5	<5
	2/27/09	<5	<5	<5	<5	<2	<5	<5
	8/19/09	<5	<5	<5	<5	<2	<5	<5
	12/16/09	<5	<5	<5	<5	<2	<5	<5
	3/30/10	<5	<5	<5	<5	<2	<5	5.6
	6/30/10	<5	<5	<5	<5	<2	<5	<5
	2/8/12	<5	<5	<5	<5	<2	<5	<5
	4/19/12	<5	<5	<5	<5	<2	<5	<5
	7/19/12	<5	<5	<5	<5	<2	<5	<5
	10/17/12	<5	<5	<5	<5	<2	<5	<5
	2/8/13	<5	<5	<5	<5	<2	<5	<5
	4/19/13	<5	<5	<5	<5	<2	<5	<5
	7/26/13	<5	<5	<5	<5	<2	<5	<5
	10/16/13	<5	<5	<5	<5	<2	<5	<5
	10/16/13 (dup)	<5	<5	<5	<5	<2	<5	<5
	6/30/15	<5	<5	<5	<5	<2	<5	<5

µg/l - micrograms per liter

TABLE 5 – SUMMARY OF NATURAL ATTENUATION PARAMETERS IN GROUNDWATER

Well No.	Sampling Date	pH	Specific Conductivity mS/cm	Turbidity NTU	Dissolved Oxygen mg/L	Oxidation-Reduction Potential mV
MW-2	3/30/10	5.71	0.287	168	6.00	270
	6/30/10	5.90	0.910	7.8	2.02	-39
	2/9/12	6.00	0.366	9.4	2.33	-42
	4/19/12	6.16	0.339	13.2	0.18	-36
	7/18/12	6.04	0.343	56.8	0.46	-51
	10/17/12	6.25	0.388	256	0.51	-82
	2/8/13	6.01	0.375	38.7	0.11	-77
	4/18/13	5.76	0.315	13.4	0.00	-54
	7/26/13	5.69	0.214	0.0	0.40	-11
	10/16/13	5.60	0.273	4.0	0.56	-19
MW-5	3/30/10	5.68	0.198	11	6.71	157
	6/30/10	5.29	1.32	10.2	1.53	98
	2/9/12	5.51	0.678	8.7	1.1	117
	4/19/12	5.25	0.095	11.2	0.0	132
	7/18/12	5.37	0.122	7.9	0.0	188
	10/17/12	5.24	0.080	8.2	0.0	261
	2/8/13	5.27	0.111	6.7	0.29	193
	4/19/13	4.83	0.149	0.4	0.82	97
	7/26/13	5.38	0.175	0.8	1.35	39
	10/16/13	4.38	0.101	6.9	1.63	124
MW-7	3/30/10	4.81	0.231	2.91	4.64	479
	6/30/10	4.80	0.191	10.4	2.32	331
	2/9/12	4.78	0.178	8.7	1.18	341
	4/19/12	5.18	0.272	8.6	0.0	368
	7/18/12	5.07	0.219	6.9	0.0	307
	10/17/12	5.03	0.144	7.1	0.0	274
	2/8/13	4.96	0.155	7.3	0.0	327
	4/18/13	4.35	0.148	9.4	0.28	409
	7/26/13	4.86	0.237	3.7	1.85	313
	10/16/13	4.50	0.205	7.7	0.55	229

mg/l - milligrams per liter (parts per million)
µg/l - micrograms per liter (parts per billion)
mS/cm - microSiemens per centimeter
mV - millivolts
NTU - Nephelometric Turbidity Units

TABLE 5 – SUMMARY OF NATURAL ATTENUATION PARAMETERS IN GROUNDWATER (Continued)

Well No.	Sampling Date	Alkalinity mg/L	Sulfide mg/L	Ferrous Iron mg/L	Methane µg/l	Ethene µg/l	Ethane µg/l	Chloride mg/l	Nitrate mg/l	Nitrite mg/l	Sulfate mg/l
MW-2	3/30/10	102	<2.0	27.0	1400	11	<9	NT	NT	NT	NT
	6/30/10	103	<2.0	33.4	1100	10	<9	11	<0.25	<0.25	6.8
	2/9/12	141	<2.0	74.8	2300	30	<9	6.4	<0.25	<0.25	3.0
	4/19/12	96.8	<2.0	42.1	2300	36	<9	7.7	<0.25	<0.25	<1.0
	7/18/12	113	<2.0	44.6	3000	42	<9	6.7	<0.25	<0.25	<1.0
	10/18/12	112	<2.0	0.678	140	<7	<9	6.9	<0.25	<0.25	1.4
	2/8/13	179	<2.0	79.9	4700	63	<9	7.4	<0.25	<0.25	<1.0
	4/18/13	132	<2.0	44.6	490	21	<9	9.0	<0.25	<0.25	8.8
	7/26/13	78.0	<2.0	15.8	600	13	<9	9.6	<0.25	<0.25	5.4
	10/16/13	106	<2.0	24.4	1600	28	<9	6.3	<0.25	<0.25	6.3
MW-5	3/30/10	45.5	<2.0	1.40	21	<7	<9	NT	NT	NT	NT
	6/30/10	32.8	<2.0	1.38	44	<7	<9	15	0.71	<0.25	4.8
	2/9/12	21.1	<2.0	0.23	7	<7	<9	31	<0.25	<0.25	9.7
	4/19/12	22.3	<2.0	0.65	130	<7	<9	17	0.78	<0.25	2.5
	7/18/12	21.5	<2.0	0.422	18	<7	<9	13	1.4	<0.50	<2.0
	10/17/12	12.5	<2.0	<0.10	<4	<7	<9	12	2.0	<0.25	1.0
	2/8/13	28.9	<2.0	1.15	65	<7	<9	35	<0.25	<0.25	9.0
	4/9/13	32.8	<2.0	0.808	11	<7	<9	21	<0.25	<0.25	24
	7/26/13	80.8	<2.0	3.20	86	<7	<9	19	<0.25	<0.25	9.4
	10/16/13	25.1	<2.0	0.342	60	<7	<9	12	0.93	<0.25	1.1
MW-7	3/30/10	15.0	<2.0	<0.10	5.0	<7	<9	NT	NT	NT	NT
	6/30/10	15.9	<2.0	<0.10	14	<7	<9	24	4.7	<0.25	15
	2/9/12	10.4	<2.0	<0.10	15	<7	<9	20	5.1	<0.25	11
	4/19/12	<10.0	<2.0	<0.10	<4	<7	<9	20	5.4	<0.25	8.2
	7/18/12	12.7	<2.0	<0.10	<4	<7	<9	17	4.7	<1.2	14
	10/17/12	<10.0	<2.0	<0.10	16	<7	<9	12	2.3	<0.25	19
	2/8/13	17.0	<2.0	<0.10	<4	<7	<9	22	3.6	<0.25	21
	4/18/13	20.0	<2.0	<0.10	<4	<7	<9	22	6.9	<0.25	12
	7/26/13	15.1	<2.0	<0.10	11	<7	<9	25	<0.25	<0.25	16
	10/16/13	19.6	<2.0	<1.0	20	<7	<9	21	7.6	<0.25	13

mg/l - milligrams per liter (parts per million)
µg/l - micrograms per liter (parts per billion)

TABLE 6 – SOIL LEACHABILITY TESTING RESULTS

Constituent	GP-3-4 / LCH-1		GP-5-16 / LCH-2	
	Total VOC Result, µg/kg	SPLP Result, mg/l	Total VOC Result, µg/kg	SPLP Result, mg/l
PCE	650	<0.2	1,200	<0.2
TCE	<5	<0.2	<5	<0.2
Cis-1,2-DCE	<5	<0.2	<5	<0.2
Trans-1,2-DCE	<5	<0.2	<5	<0.2
Vinyl Chloride	<5	<0.2	<5	<0.2

µ/kg - micrograms per kilogram
mg/l - milligrams per liter

TABLE 7 – SUMMARY OF SOIL AND GROUNDWATER RISK REDUCTION STANDARDS

SOIL

Regulated Substance	Highest Concentration, µg/kg	Location	Type 1 RRS Criteria, µg/kg (Residential Default)	Type 2 RRS Criteria, µg/kg (Residential Calculated)	Type 3 RRS Criteria, µg/kg (Non-Residential Default)	Type 4 RRS Criteria, µg/kg (Non-Residential Calculated)
Tetrachloroethene	1,200*	SB-6	500	170	500	1,200
Trichloroethene	7.8	SB-11	500	36	500	37
Acetone	150	HA-3	400,000	33,000	400,000	190,000
Toluene	13	HA-3	100,000	14,000	100,000	72,000
Cis-1,2-Dichloroethene	<5	NA	7,000	410	7,000	1,200
Trans-1,2-Dichloroethene	<5	NA	10,000	590	10,000	940
Vinyl Chloride	<5	NA	200	14	200	22

GROUNDWATER

Regulated Substance	Highest Concentration, µg/l 3/30/10	Location	Type 1 RRS Criteria, µg/l (Residential Default)	Type 2 RRS Criteria, µg/l (Residential Calculated)	Type 3 RRS Criteria, µg/l (Non-Residential Default)	Type 4 RRS Criteria, µg/l (Non-Residential Calculated)
Tetrachloroethene	4,800	MW-7	5	19	5	98
Trichloroethene	830	MW-2	5	1	5	5.2
Cis-1,2-Dichloroethene	280	MW-2	70	31	70	200
Trans-1,2-Dichloroethene	83	MW-2	100	32	100	160
Vinyl Chloride	100	MW-2	2	1.1	2	3.3

µg/kg - micrograms per kilogram (equivalent to parts per billion)
µg/L - micrograms per liter (equivalent to parts per billion)
NA - Not applicable as compounds have not been detected on site
* - A higher concentration was detected during an early assessment but could not be duplicated by subsequent intense sampling.
Note - Shaded values indicate compliance with RRS

APPENDIX D
LABORATORY RESULTS

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

December 19, 2014

Steve Foley
AMEC E&I, Inc. - Plasters
2677 Buford Highway NE
Atlanta GA 30324

TEL: (404) 873-4761
FAX: (404) 817-0183

RE: Imperial Cleaners

Dear Steve Foley: Order No: 1412D70

Analytical Environmental Services, Inc. received 7 samples on 12/15/2014 3:50:00 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 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

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

3080 Presidential Drive, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1412070

Date: 12.5.14 Page 1 of 1

COMPANY: AMEC E+I

ADDRESS: 2677 BUFORD HWY ATLANTA, GA 30324

PHONE: 404-817-6152

FAX:

SAMPLED BY: STEPHEN FOLEY

SIGNATURE:

ANALYSIS REQUESTED

8260B

PRESERVATION (See codes)

H+I

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

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	PRESERVATION (See codes) H+I	REMARKS	No # of Containers
1	DUP-1	12/5/14	1005	X		GW	X		2
2	MW-2R		~~1136~~ 1145 SF						2
3	MW-7		1245						2
4	MW-4R		1330						2
5	MW-11R		1420						2
6	DUP-1								2
7	TRIP BLANK					W			2
8									
9									
10									
11									
12									
13									
14									

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	12.5.14 1550	1: Joana Pacurar	12/5/14 15:50
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: IMPERIAL CLEANERS

PROJECT #: 6305-05-0319

SITE ADDRESS: ROSWELL, GA

SEND REPORT TO: STEPHEN FOLEY

INVOICE TO: (IF DIFFERENT FROM ABOVE)

QUOTE #:_____ PO#:_____

RECEIPT

Total # of Containers: 14

Turnaround Time Request

- X Standard 5 Business Days
- O 2 Business Day Rush
- O Next Business Day Rush
- O Same Day Rush (auth req.)
- O Other _____

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:** 19-Dec-14

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	DW-1
Project Name:	Imperial Cleaners	**Collection Date:**	12/15/2014 10:05:00 AM
Lab ID:	1412D70-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
1,1-Dichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
1,1-Dichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
1,2-Dibromoethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
1,2-Dichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
1,2-Dichloropropane	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
2-Butanone	BRL	50		ug/L	200451	1	12/17/2014 00:54	NP
2-Hexanone	BRL	10		ug/L	200451	1	12/17/2014 00:54	NP
4-Methyl-2-pentanone	BRL	10		ug/L	200451	1	12/17/2014 00:54	NP
Acetone	BRL	50		ug/L	200451	1	12/17/2014 00:54	NP
Benzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Bromodichloromethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Bromoform	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Bromomethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Carbon disulfide	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Carbon tetrachloride	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Chlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Chloroethane	BRL	10		ug/L	200451	1	12/17/2014 00:54	NP
Chloroform	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Chloromethane	BRL	10		ug/L	200451	1	12/17/2014 00:54	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Cyclohexane	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Dibromochloromethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Dichlorodifluoromethane	BRL	10		ug/L	200451	1	12/17/2014 00:54	NP
Ethylbenzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Freon-113	BRL	10		ug/L	200451	1	12/17/2014 00:54	NP
Isopropylbenzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
m,p-Xylene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Methyl acetate	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Methylcyclohexane	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Methylene chloride	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
o-Xylene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	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:** 19-Dec-14

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	DW-1
Project Name:	Imperial Cleaners	**Collection Date:**	12/15/2014 10:05:00 AM
Lab ID:	1412D70-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Tetrachloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Toluene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Trichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Trichlorofluoromethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:54	NP
Vinyl chloride	BRL	2.0		ug/L	200451	1	12/17/2014 00:54	NP
Surr: 4-Bromofluorobenzene	83.4	70.6-123		%REC	200451	1	12/17/2014 00:54	NP
Surr: Dibromofluoromethane	106	78.7-124		%REC	200451	1	12/17/2014 00:54	NP
Surr: Toluene-d8	93	81.3-120		%REC	200451	1	12/17/2014 00:54	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 **Date:** 19-Dec-14

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	MW-2R
Project Name:	Imperial Cleaners	**Collection Date:**	12/15/2014 11:30:00 AM
Lab ID:	1412D70-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
1,1-Dichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
1,1-Dichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
1,2-Dibromoethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
1,2-Dichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
1,2-Dichloropropane	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
2-Butanone	BRL	50		ug/L	200451	1	12/17/2014 01:18	NP
2-Hexanone	BRL	10		ug/L	200451	1	12/17/2014 01:18	NP
4-Methyl-2-pentanone	BRL	10		ug/L	200451	1	12/17/2014 01:18	NP
Acetone	BRL	50		ug/L	200451	1	12/17/2014 01:18	NP
Benzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Bromodichloromethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Bromoform	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Bromomethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Carbon disulfide	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Carbon tetrachloride	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Chlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Chloroethane	BRL	10		ug/L	200451	1	12/17/2014 01:18	NP
Chloroform	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Chloromethane	BRL	10		ug/L	200451	1	12/17/2014 01:18	NP
cis-1,2-Dichloroethene	440	50		ug/L	200451	10	12/17/2014 11:51	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Cyclohexane	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Dibromochloromethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Dichlorodifluoromethane	BRL	10		ug/L	200451	1	12/17/2014 01:18	NP
Ethylbenzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Freon-113	BRL	10		ug/L	200451	1	12/17/2014 01:18	NP
Isopropylbenzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
m,p-Xylene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Methyl acetate	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Methylcyclohexane	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Methylene chloride	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
o-Xylene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	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:** 19-Dec-14

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	MW-2R
Project Name:	Imperial Cleaners	**Collection Date:**	12/15/2014 11:30:00 AM
Lab ID:	1412D70-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Tetrachloroethene	43	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Toluene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
trans-1,2-Dichloroethene	110	5.0		ug/L	200451	1	12/17/2014 01:18	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Trichloroethene	57	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Trichlorofluoromethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:18	NP
Vinyl chloride	22	2.0		ug/L	200451	1	12/17/2014 01:18	NP
Surr: 4-Bromofluorobenzene	80.8	70.6-123		%REC	200451	10	12/17/2014 11:51	NP
Surr: 4-Bromofluorobenzene	82.9	70.6-123		%REC	200451	1	12/17/2014 01:18	NP
Surr: Dibromofluoromethane	108	78.7-124		%REC	200451	1	12/17/2014 01:18	NP
Surr: Dibromofluoromethane	110	78.7-124		%REC	200451	10	12/17/2014 11:51	NP
Surr: Toluene-d8	94.2	81.3-120		%REC	200451	1	12/17/2014 01:18	NP
Surr: Toluene-d8	94.3	81.3-120		%REC	200451	10	12/17/2014 11:51	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 **Date:** 19-Dec-14

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	MW-7
Project Name:	Imperial Cleaners	**Collection Date:**	12/15/2014 12:45:00 PM
Lab ID:	1412D70-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
1,1-Dichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
1,1-Dichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
1,2-Dibromoethane	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
1,2-Dichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
1,2-Dichloropropane	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
2-Butanone	BRL	50		ug/L	200451	1	12/17/2014 13:31	NP
2-Hexanone	BRL	10		ug/L	200451	1	12/17/2014 13:31	NP
4-Methyl-2-pentanone	BRL	10		ug/L	200451	1	12/17/2014 13:31	NP
Acetone	BRL	50		ug/L	200451	1	12/17/2014 13:31	NP
Benzene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Bromodichloromethane	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Bromoform	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Bromomethane	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Carbon disulfide	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Carbon tetrachloride	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Chlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Chloroethane	BRL	10		ug/L	200451	1	12/17/2014 13:31	NP
Chloroform	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Chloromethane	BRL	10		ug/L	200451	1	12/17/2014 13:31	NP
cis-1,2-Dichloroethene	410	50		ug/L	200451	10	12/16/2014 20:22	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Cyclohexane	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Dibromochloromethane	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Dichlorodifluoromethane	BRL	10		ug/L	200451	1	12/17/2014 13:31	NP
Ethylbenzene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Freon-113	BRL	10		ug/L	200451	1	12/17/2014 13:31	NP
Isopropylbenzene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
m,p-Xylene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Methyl acetate	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Methylcyclohexane	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Methylene chloride	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
o-Xylene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	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:** 19-Dec-14

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	MW-7
Project Name:	Imperial Cleaners	**Collection Date:**	12/15/2014 12:45:00 PM
Lab ID:	1412D70-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Tetrachloroethene	2500	100		ug/L	200451	20	12/17/2014 11:02	NP
Toluene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
trans-1,2-Dichloroethene	50	5.0		ug/L	200451	1	12/17/2014 13:31	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Trichloroethene	940	50		ug/L	200451	10	12/16/2014 20:22	NP
Trichlorofluoromethane	BRL	5.0		ug/L	200451	1	12/17/2014 13:31	NP
Vinyl chloride	BRL	2.0		ug/L	200451	1	12/17/2014 13:31	NP
Surr: 4-Bromofluorobenzene	77.4	70.6-123		%REC	200451	1	12/17/2014 13:31	NP
Surr: 4-Bromofluorobenzene	86.2	70.6-123		%REC	200451	10	12/16/2014 20:22	NP
Surr: 4-Bromofluorobenzene	78.6	70.6-123		%REC	200451	20	12/17/2014 11:02	NP
Surr: Dibromofluoromethane	108	78.7-124		%REC	200451	20	12/17/2014 11:02	NP
Surr: Dibromofluoromethane	97.8	78.7-124		%REC	200451	10	12/16/2014 20:22	NP
Surr: Dibromofluoromethane	110	78.7-124		%REC	200451	1	12/17/2014 13:31	NP
Surr: Toluene-d8	90.8	81.3-120		%REC	200451	10	12/16/2014 20:22	NP
Surr: Toluene-d8	95.2	81.3-120		%REC	200451	1	12/17/2014 13:31	NP
Surr: Toluene-d8	95.6	81.3-120		%REC	200451	20	12/17/2014 11:02	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 **Date:** 19-Dec-14

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	MW-4R
Project Name:	Imperial Cleaners	**Collection Date:**	12/15/2014 1:30:00 PM
Lab ID:	1412D70-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
1,1-Dichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
1,1-Dichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
1,2-Dibromoethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
1,2-Dichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
1,2-Dichloropropane	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
2-Butanone	BRL	50		ug/L	200451	1	12/17/2014 01:43	NP
2-Hexanone	BRL	10		ug/L	200451	1	12/17/2014 01:43	NP
4-Methyl-2-pentanone	BRL	10		ug/L	200451	1	12/17/2014 01:43	NP
Acetone	BRL	50		ug/L	200451	1	12/17/2014 01:43	NP
Benzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Bromodichloromethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Bromoform	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Bromomethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Carbon disulfide	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Carbon tetrachloride	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Chlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Chloroethane	BRL	10		ug/L	200451	1	12/17/2014 01:43	NP
Chloroform	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Chloromethane	BRL	10		ug/L	200451	1	12/17/2014 01:43	NP
cis-1,2-Dichloroethene	6.4	5.0		ug/L	200451	1	12/17/2014 01:43	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Cyclohexane	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Dibromochloromethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Dichlorodifluoromethane	BRL	10		ug/L	200451	1	12/17/2014 01:43	NP
Ethylbenzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Freon-113	BRL	10		ug/L	200451	1	12/17/2014 01:43	NP
Isopropylbenzene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
m,p-Xylene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Methyl acetate	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Methylcyclohexane	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Methylene chloride	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
o-Xylene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	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:** 19-Dec-14

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	MW-4R
Project Name:	Imperial Cleaners	**Collection Date:**	12/15/2014 1:30:00 PM
Lab ID:	1412D70-004	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Tetrachloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Toluene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Trichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Trichlorofluoromethane	BRL	5.0		ug/L	200451	1	12/17/2014 01:43	NP
Vinyl chloride	BRL	2.0		ug/L	200451	1	12/17/2014 01:43	NP
Surr: 4-Bromofluorobenzene	81.1	70.6-123		%REC	200451	1	12/17/2014 01:43	NP
Surr: Dibromofluoromethane	109	78.7-124		%REC	200451	1	12/17/2014 01:43	NP
Surr: Toluene-d8	93.7	81.3-120		%REC	200451	1	12/17/2014 01:43	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 **Date:** 19-Dec-14

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	MW-11R
Project Name:	Imperial Cleaners	**Collection Date:**	12/15/2014 2:20:00 PM
Lab ID:	1412D70-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
1,1-Dichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
1,1-Dichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
1,2-Dibromoethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
1,2-Dichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
1,2-Dichloropropane	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
2-Butanone	BRL	50		ug/L	200451	1	12/17/2014 02:07	NP
2-Hexanone	BRL	10		ug/L	200451	1	12/17/2014 02:07	NP
4-Methyl-2-pentanone	BRL	10		ug/L	200451	1	12/17/2014 02:07	NP
Acetone	BRL	50		ug/L	200451	1	12/17/2014 02:07	NP
Benzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Bromodichloromethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Bromoform	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Bromomethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Carbon disulfide	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Carbon tetrachloride	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Chlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Chloroethane	BRL	10		ug/L	200451	1	12/17/2014 02:07	NP
Chloroform	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Chloromethane	BRL	10		ug/L	200451	1	12/17/2014 02:07	NP
cis-1,2-Dichloroethene	150	5.0		ug/L	200451	1	12/17/2014 02:07	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Cyclohexane	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Dibromochloromethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Dichlorodifluoromethane	BRL	10		ug/L	200451	1	12/17/2014 02:07	NP
Ethylbenzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Freon-113	BRL	10		ug/L	200451	1	12/17/2014 02:07	NP
Isopropylbenzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
m,p-Xylene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Methyl acetate	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Methylcyclohexane	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Methylene chloride	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
o-Xylene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	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:** 19-Dec-14

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	MW-11R
Project Name:	Imperial Cleaners	**Collection Date:**	12/15/2014 2:20:00 PM
Lab ID:	1412D70-005	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Tetrachloroethene	72	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Toluene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
trans-1,2-Dichloroethene	14	5.0		ug/L	200451	1	12/17/2014 02:07	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Trichloroethene	83	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Trichlorofluoromethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:07	NP
Vinyl chloride	BRL	2.0		ug/L	200451	1	12/17/2014 02:07	NP
Surr: 4-Bromofluorobenzene	81.9	70.6-123		%REC	200451	1	12/17/2014 02:07	NP
Surr: Dibromofluoromethane	107	78.7-124		%REC	200451	1	12/17/2014 02:07	NP
Surr: Toluene-d8	94.2	81.3-120		%REC	200451	1	12/17/2014 02:07	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 **Date:** 19-Dec-14

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	DUP-1
Project Name:	Imperial Cleaners	**Collection Date:**	12/15/2014
Lab ID:	1412D70-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
1,1-Dichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
1,1-Dichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
1,2-Dibromoethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
1,2-Dichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
1,2-Dichloropropane	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
2-Butanone	BRL	50		ug/L	200451	1	12/17/2014 02:32	NP
2-Hexanone	BRL	10		ug/L	200451	1	12/17/2014 02:32	NP
4-Methyl-2-pentanone	BRL	10		ug/L	200451	1	12/17/2014 02:32	NP
Acetone	BRL	50		ug/L	200451	1	12/17/2014 02:32	NP
Benzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Bromodichloromethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Bromoform	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Bromomethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Carbon disulfide	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Carbon tetrachloride	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Chlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Chloroethane	BRL	10		ug/L	200451	1	12/17/2014 02:32	NP
Chloroform	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Chloromethane	BRL	10		ug/L	200451	1	12/17/2014 02:32	NP
cis-1,2-Dichloroethene	410	100		ug/L	200451	20	12/17/2014 11:26	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Cyclohexane	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Dibromochloromethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Dichlorodifluoromethane	BRL	10		ug/L	200451	1	12/17/2014 02:32	NP
Ethylbenzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Freon-113	BRL	10		ug/L	200451	1	12/17/2014 02:32	NP
Isopropylbenzene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
m,p-Xylene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Methyl acetate	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Methylcyclohexane	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Methylene chloride	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
o-Xylene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	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:** 19-Dec-14

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	DUP-1
Project Name:	Imperial Cleaners	**Collection Date:**	12/15/2014
Lab ID:	1412D70-006	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Tetrachloroethene	2900	100		ug/L	200451	20	12/17/2014 11:26	NP
Toluene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
trans-1,2-Dichloroethene	60	5.0		ug/L	200451	1	12/17/2014 02:32	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Trichloroethene	960	100		ug/L	200451	20	12/17/2014 11:26	NP
Trichlorofluoromethane	BRL	5.0		ug/L	200451	1	12/17/2014 02:32	NP
Vinyl chloride	BRL	2.0		ug/L	200451	1	12/17/2014 02:32	NP
Surr: 4-Bromofluorobenzene	79.7	70.6-123		%REC	200451	1	12/17/2014 02:32	NP
Surr: 4-Bromofluorobenzene	80.7	70.6-123		%REC	200451	20	12/17/2014 11:26	NP
Surr: Dibromofluoromethane	109	78.7-124		%REC	200451	20	12/17/2014 11:26	NP
Surr: Dibromofluoromethane	109	78.7-124		%REC	200451	1	12/17/2014 02:32	NP
Surr: Toluene-d8	93.5	81.3-120		%REC	200451	1	12/17/2014 02:32	NP
Surr: Toluene-d8	95.4	81.3-120		%REC	200451	20	12/17/2014 11:26	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 **Date:** 19-Dec-14

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	TRIP BLANK
Project Name:	Imperial Cleaners	**Collection Date:**	12/15/2014
Lab ID:	1412D70-007	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
1,1-Dichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
1,1-Dichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
1,2-Dibromoethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
1,2-Dichloroethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
1,2-Dichloropropane	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
2-Butanone	BRL	50		ug/L	200451	1	12/17/2014 00:05	NP
2-Hexanone	BRL	10		ug/L	200451	1	12/17/2014 00:05	NP
4-Methyl-2-pentanone	BRL	10		ug/L	200451	1	12/17/2014 00:05	NP
Acetone	BRL	50		ug/L	200451	1	12/17/2014 00:05	NP
Benzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Bromodichloromethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Bromoform	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Bromomethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Carbon disulfide	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Carbon tetrachloride	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Chlorobenzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Chloroethane	BRL	10		ug/L	200451	1	12/17/2014 00:05	NP
Chloroform	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Chloromethane	BRL	10		ug/L	200451	1	12/17/2014 00:05	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Cyclohexane	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Dibromochloromethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Dichlorodifluoromethane	BRL	10		ug/L	200451	1	12/17/2014 00:05	NP
Ethylbenzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Freon-113	BRL	10		ug/L	200451	1	12/17/2014 00:05	NP
Isopropylbenzene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
m,p-Xylene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Methyl acetate	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Methylcyclohexane	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Methylene chloride	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
o-Xylene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	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:** 19-Dec-14

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	TRIP BLANK
Project Name:	Imperial Cleaners	**Collection Date:**	12/15/2014
Lab ID:	1412D70-007	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Tetrachloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Toluene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Trichloroethene	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Trichlorofluoromethane	BRL	5.0		ug/L	200451	1	12/17/2014 00:05	NP
Vinyl chloride	BRL	2.0		ug/L	200451	1	12/17/2014 00:05	NP
Surr: 4-Bromofluorobenzene	85.7	70.6-123		%REC	200451	1	12/17/2014 00:05	NP
Surr: Dibromofluoromethane	102	78.7-124		%REC	200451	1	12/17/2014 00:05	NP
Surr: Toluene-d8	92.6	81.3-120		%REC	200451	1	12/17/2014 00:05	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 / Plasters Work Order Number 1412D70

Checklist completed by Tiana Paeuvar 12/15/14
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? (0°≤6°C)* Yes ✓ No __

Cooler #1 3.1°C 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.

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: AMEC E&I, Inc. - Plasters
Project Name: Imperial Cleaners
Workorder: 1412D70

ANALYTICAL QC SUMMARY REPORT

BatchID: 200451

Sample ID: **MB-200451** Client ID: Units: **ug/L** Prep Date: **12/15/2014** Run No: **281977**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **200451** Analysis Date: **12/16/2014** Seq No: **5970304**

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									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

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. - Plasters
Project Name: Imperial Cleaners
Workorder: 1412D70

ANALYTICAL QC SUMMARY REPORT

BatchID: 200451

Sample ID: **MB-200451** Client ID: Units: **ug/L** Prep Date: **12/15/2014** Run No: **281977**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **200451** Analysis Date: **12/16/2014** Seq No: **5970304**

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	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									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
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	2.0									
Surr: 4-Bromofluorobenzene	41.08	0	50.00		82.2	70.6	123				
Surr: Dibromofluoromethane	53.47	0	50.00		107	78.7	124				
Surr: Toluene-d8	47.16	0	50.00		94.3	81.3	120				

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. - Plasters
Project Name: Imperial Cleaners
Workorder: 1412D70

ANALYTICAL QC SUMMARY REPORT

BatchID: 200451

Sample ID: **LCS-200451** Client ID: Units: **ug/L** Prep Date: **12/15/2014** Run No: **281977**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **200451** Analysis Date: **12/16/2014** Seq No: **5970303**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	61.24	5.0	50.00		122	64.2	137				
Benzene	50.73	5.0	50.00		101	72.8	128				
Chlorobenzene	49.50	5.0	50.00		99.0	72.3	126				
Toluene	52.54	5.0	50.00		105	74.9	127				
Trichloroethene	51.25	5.0	50.00		102	70.5	134				
Surr: 4-Bromofluorobenzene	41.82	0	50.00		83.6	70.6	123				
Surr: Dibromofluoromethane	51.16	0	50.00		102	78.7	124				
Surr: Toluene-d8	46.42	0	50.00		92.8	81.3	120				

Sample ID: **1412D70-003AMS** Client ID: **MW-7** Units: **ug/L** Prep Date: **12/15/2014** Run No: **281977**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **200451** Analysis Date: **12/16/2014** Seq No: **5971646**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	476.3	50	500.0		95.3	60.5	156				
Benzene	470.4	50	500.0		94.1	70	135				
Chlorobenzene	448.7	50	500.0		89.7	70.5	132				
Toluene	472.3	50	500.0		94.5	70.5	137				
Trichloroethene	1470	50	500.0	935.2	107	71.8	139				
Surr: 4-Bromofluorobenzene	427.9	0	500.0		85.6	70.6	123				
Surr: Dibromofluoromethane	479.9	0	500.0		96.0	78.7	124				
Surr: Toluene-d8	444.5	0	500.0		88.9	81.3	120				

Sample ID: **1412D70-003AMSD** Client ID: **MW-7** Units: **ug/L** Prep Date: **12/15/2014** Run No: **281977**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **200451** Analysis Date: **12/16/2014** Seq No: **5971647**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	479.1	50	500.0		95.8	60.5	156	476.3	0.586	20	
Benzene	468.5	50	500.0		93.7	70	135	470.4	0.405	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. - Plasters
Project Name: Imperial Cleaners
Workorder: 1412D70

ANALYTICAL QC SUMMARY REPORT

BatchID: 200451

Sample ID: **1412D70-003AMSD** Client ID: **MW-7** Units: **ug/L** Prep Date: **12/15/2014** Run No: **281977**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **200451** Analysis Date: **12/16/2014** Seq No: **5971647**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	454.9	50	500.0		91.0	70.5	132	448.7	1.37	20	
Toluene	478.2	50	500.0		95.6	70.5	137	472.3	1.24	20	
Trichloroethene	1475	50	500.0	935.2	108	71.8	139	1470	0.353	20	
Surr: 4-Bromofluorobenzene	438.5	0	500.0		87.7	70.6	123	427.9	0	0	
Surr: Dibromofluoromethane	481.7	0	500.0		96.3	78.7	124	479.9	0	0	
Surr: Toluene-d8	453.9	0	500.0		90.8	81.3	120	444.5	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.

July 07, 2015

Steve Foley
AMEC E&I, Inc. - Plasters
2677 Buford Highway NE
Atlanta GA 30324

TEL: (404) 873-4761
FAX: (404) 817-0183

RE: Imperial Cleaners

Dear Steve Foley: Order No: 1506U51

Analytical Environmental Services, Inc. received 8 samples on 6/30/2015 1:56:00 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 07/01/15-06/30/16.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

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

3080 Presidential Drive, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1506U51

Date: _____ Page _____ of _____

COMPANY:	ADDRESS:
AMEC	2677 BUFORD HWY 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) H+I	VOCs 8260B	No # of Containers	REMARKS
1	MW-5	6/30/15	1100	X		GW	X		2	
2	MW-9R		1145			GW			2	
3	MW-12		1250			GW			2	
4	SW-1		1005			SW			2	
5	SW-2		1010			SW			2	
6	SW-3		1015			SW			2	
7	DUP					W			2	
8	TRIP BLANK								2	
9										
10										
11										
12										
13										
14										

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:	6/30/15 1356	1:	6/30/15 13:56
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: IMPERIAL CLEANERS
PROJECT #: 6305-05-0319
SITE ADDRESS: ROSWELL, GA
SEND REPORT TO: STEVE FOLEY
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: _____ PO#: 5012403270

SPECIAL INSTRUCTIONS/COMMENTS:

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

RECEIPT

Total # of Containers: 16

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 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

Analytical Environmental Services, Inc **Date:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	MW-5
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015 11:00:00 AM
Lab ID:	1506U51-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
1,1,2-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
1,1-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
1,1-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
1,2-Dibromoethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
1,2-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
1,2-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
1,2-Dichloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
1,3-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
1,4-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
2-Butanone	BRL	50		ug/L	209810	1	07/07/2015 05:01	MD
2-Hexanone	BRL	10		ug/L	209810	1	07/07/2015 05:01	MD
4-Methyl-2-pentanone	BRL	10		ug/L	209810	1	07/07/2015 05:01	MD
Acetone	BRL	50		ug/L	209810	1	07/07/2015 05:01	MD
Benzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Bromodichloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Bromoform	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Bromomethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Carbon disulfide	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Carbon tetrachloride	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Chlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Chloroethane	BRL	10		ug/L	209810	1	07/07/2015 05:01	MD
Chloroform	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Chloromethane	BRL	10		ug/L	209810	1	07/07/2015 05:01	MD
cis-1,2-Dichloroethene	5.8	5.0		ug/L	209810	1	07/07/2015 05:01	MD
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Cyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Dibromochloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Dichlorodifluoromethane	BRL	10		ug/L	209810	1	07/07/2015 05:01	MD
Ethylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Freon-113	BRL	10		ug/L	209810	1	07/07/2015 05:01	MD
Isopropylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
m,p-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Methyl acetate	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Methyl tert-butyl ether	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Methylcyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Methylene chloride	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
o-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	MW-5
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015 11:00:00 AM
Lab ID:	1506U51-001	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Tetrachloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Toluene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Trichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Trichlorofluoromethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:01	MD
Vinyl chloride	BRL	2.0		ug/L	209810	1	07/07/2015 05:01	MD
Surr: 4-Bromofluorobenzene	94	70.6-123		%REC	209810	1	07/07/2015 05:01	MD
Surr: Dibromofluoromethane	102	78.7-124		%REC	209810	1	07/07/2015 05:01	MD
Surr: Toluene-d8	108	81.3-120		%REC	209810	1	07/07/2015 05:01	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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	MW-4R
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015 11:45:00 AM
Lab ID:	1506U51-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
1,1,2-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
1,1-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
1,1-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
1,2-Dibromoethane	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
1,2-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
1,2-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
1,2-Dichloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
1,3-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
1,4-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
2-Butanone	BRL	50		ug/L	209810	1	07/07/2015 04:37	MD
2-Hexanone	BRL	10		ug/L	209810	1	07/07/2015 04:37	MD
4-Methyl-2-pentanone	BRL	10		ug/L	209810	1	07/07/2015 04:37	MD
Acetone	BRL	50		ug/L	209810	1	07/07/2015 04:37	MD
Benzene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Bromodichloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Bromoform	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Bromomethane	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Carbon disulfide	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Carbon tetrachloride	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Chlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Chloroethane	BRL	10		ug/L	209810	1	07/07/2015 04:37	MD
Chloroform	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Chloromethane	BRL	10		ug/L	209810	1	07/07/2015 04:37	MD
cis-1,2-Dichloroethene	8.4	5.0		ug/L	209810	1	07/07/2015 04:37	MD
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Cyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Dibromochloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Dichlorodifluoromethane	BRL	10		ug/L	209810	1	07/07/2015 04:37	MD
Ethylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Freon-113	BRL	10		ug/L	209810	1	07/07/2015 04:37	MD
Isopropylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
m,p-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Methyl acetate	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Methyl tert-butyl ether	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Methylcyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Methylene chloride	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
o-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	MW-4R
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015 11:45:00 AM
Lab ID:	1506U51-002	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Tetrachloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Toluene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Trichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Trichlorofluoromethane	BRL	5.0		ug/L	209810	1	07/07/2015 04:37	MD
Vinyl chloride	BRL	2.0		ug/L	209810	1	07/07/2015 04:37	MD
Surr: 4-Bromofluorobenzene	91.9	70.6-123		%REC	209810	1	07/07/2015 04:37	MD
Surr: Dibromofluoromethane	98.9	78.7-124		%REC	209810	1	07/07/2015 04:37	MD
Surr: Toluene-d8	105	81.3-120		%REC	209810	1	07/07/2015 04:37	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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	MW-12
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015 12:50:00 PM
Lab ID:	1506U51-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
1,1,2-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
1,1-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
1,1-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
1,2-Dibromoethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
1,2-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
1,2-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
1,2-Dichloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
1,3-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
1,4-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
2-Butanone	BRL	50		ug/L	209810	1	07/07/2015 05:25	MD
2-Hexanone	BRL	10		ug/L	209810	1	07/07/2015 05:25	MD
4-Methyl-2-pentanone	BRL	10		ug/L	209810	1	07/07/2015 05:25	MD
Acetone	BRL	50		ug/L	209810	1	07/07/2015 05:25	MD
Benzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Bromodichloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Bromoform	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Bromomethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Carbon disulfide	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Carbon tetrachloride	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Chlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Chloroethane	BRL	10		ug/L	209810	1	07/07/2015 05:25	MD
Chloroform	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Chloromethane	BRL	10		ug/L	209810	1	07/07/2015 05:25	MD
cis-1,2-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Cyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Dibromochloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Dichlorodifluoromethane	BRL	10		ug/L	209810	1	07/07/2015 05:25	MD
Ethylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Freon-113	BRL	10		ug/L	209810	1	07/07/2015 05:25	MD
Isopropylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
m,p-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Methyl acetate	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Methyl tert-butyl ether	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Methylcyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Methylene chloride	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
o-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	MW-12
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015 12:50:00 PM
Lab ID:	1506U51-003	**Matrix:**	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Tetrachloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Toluene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Trichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Trichlorofluoromethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:25	MD
Vinyl chloride	BRL	2.0		ug/L	209810	1	07/07/2015 05:25	MD
Surr: 4-Bromofluorobenzene	91.2	70.6-123		%REC	209810	1	07/07/2015 05:25	MD
Surr: Dibromofluoromethane	103	78.7-124		%REC	209810	1	07/07/2015 05:25	MD
Surr: Toluene-d8	107	81.3-120		%REC	209810	1	07/07/2015 05:25	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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	SW-1
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015 10:05:00 AM
Lab ID:	1506U51-004	**Matrix:**	Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
1,1,2-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
1,1-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
1,1-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
1,2-Dibromoethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
1,2-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
1,2-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
1,2-Dichloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
1,3-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
1,4-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
2-Butanone	BRL	50		ug/L	209810	1	07/07/2015 05:48	MD
2-Hexanone	BRL	10		ug/L	209810	1	07/07/2015 05:48	MD
4-Methyl-2-pentanone	BRL	10		ug/L	209810	1	07/07/2015 05:48	MD
Acetone	BRL	50		ug/L	209810	1	07/07/2015 05:48	MD
Benzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Bromodichloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Bromoform	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Bromomethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Carbon disulfide	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Carbon tetrachloride	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Chlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Chloroethane	BRL	10		ug/L	209810	1	07/07/2015 05:48	MD
Chloroform	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Chloromethane	BRL	10		ug/L	209810	1	07/07/2015 05:48	MD
cis-1,2-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Cyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Dibromochloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Dichlorodifluoromethane	BRL	10		ug/L	209810	1	07/07/2015 05:48	MD
Ethylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Freon-113	BRL	10		ug/L	209810	1	07/07/2015 05:48	MD
Isopropylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
m,p-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Methyl acetate	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Methyl tert-butyl ether	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Methylcyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Methylene chloride	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
o-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	SW-1
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015 10:05:00 AM
Lab ID:	1506U51-004	**Matrix:**	Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Tetrachloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Toluene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Trichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Trichlorofluoromethane	BRL	5.0		ug/L	209810	1	07/07/2015 05:48	MD
Vinyl chloride	BRL	2.0		ug/L	209810	1	07/07/2015 05:48	MD
Surr: 4-Bromofluorobenzene	91.5	70.6-123		%REC	209810	1	07/07/2015 05:48	MD
Surr: Dibromofluoromethane	101	78.7-124		%REC	209810	1	07/07/2015 05:48	MD
Surr: Toluene-d8	105	81.3-120		%REC	209810	1	07/07/2015 05:48	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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	SW-2
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015 10:10:00 AM
Lab ID:	1506U51-005	**Matrix:**	Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
1,1,2-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
1,1-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
1,1-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
1,2-Dibromoethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
1,2-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
1,2-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
1,2-Dichloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
1,3-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
1,4-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
2-Butanone	BRL	50		ug/L	209810	1	07/07/2015 06:11	MD
2-Hexanone	BRL	10		ug/L	209810	1	07/07/2015 06:11	MD
4-Methyl-2-pentanone	BRL	10		ug/L	209810	1	07/07/2015 06:11	MD
Acetone	BRL	50		ug/L	209810	1	07/07/2015 06:11	MD
Benzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Bromodichloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Bromoform	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Bromomethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Carbon disulfide	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Carbon tetrachloride	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Chlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Chloroethane	BRL	10		ug/L	209810	1	07/07/2015 06:11	MD
Chloroform	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Chloromethane	BRL	10		ug/L	209810	1	07/07/2015 06:11	MD
cis-1,2-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Cyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Dibromochloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Dichlorodifluoromethane	BRL	10		ug/L	209810	1	07/07/2015 06:11	MD
Ethylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Freon-113	BRL	10		ug/L	209810	1	07/07/2015 06:11	MD
Isopropylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
m,p-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Methyl acetate	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Methyl tert-butyl ether	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Methylcyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Methylene chloride	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
o-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	SW-2
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015 10:10:00 AM
Lab ID:	1506U51-005	**Matrix:**	Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Tetrachloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Toluene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Trichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Trichlorofluoromethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:11	MD
Vinyl chloride	BRL	2.0		ug/L	209810	1	07/07/2015 06:11	MD
Surr: 4-Bromofluorobenzene	90.8	70.6-123		%REC	209810	1	07/07/2015 06:11	MD
Surr: Dibromofluoromethane	99.2	78.7-124		%REC	209810	1	07/07/2015 06:11	MD
Surr: Toluene-d8	107	81.3-120		%REC	209810	1	07/07/2015 06:11	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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	SW-3
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015 10:15:00 AM
Lab ID:	1506U51-006	**Matrix:**	Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
1,1,2-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
1,1-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
1,1-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
1,2-Dibromoethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
1,2-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
1,2-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
1,2-Dichloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
1,3-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
1,4-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
2-Butanone	BRL	50		ug/L	209810	1	07/07/2015 06:35	MD
2-Hexanone	BRL	10		ug/L	209810	1	07/07/2015 06:35	MD
4-Methyl-2-pentanone	BRL	10		ug/L	209810	1	07/07/2015 06:35	MD
Acetone	BRL	50		ug/L	209810	1	07/07/2015 06:35	MD
Benzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Bromodichloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Bromoform	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Bromomethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Carbon disulfide	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Carbon tetrachloride	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Chlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Chloroethane	BRL	10		ug/L	209810	1	07/07/2015 06:35	MD
Chloroform	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Chloromethane	BRL	10		ug/L	209810	1	07/07/2015 06:35	MD
cis-1,2-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Cyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Dibromochloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Dichlorodifluoromethane	BRL	10		ug/L	209810	1	07/07/2015 06:35	MD
Ethylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Freon-113	BRL	10		ug/L	209810	1	07/07/2015 06:35	MD
Isopropylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
m,p-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Methyl acetate	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Methyl tert-butyl ether	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Methylcyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Methylene chloride	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
o-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	SW-3
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015 10:15:00 AM
Lab ID:	1506U51-006	**Matrix:**	Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Tetrachloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Toluene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Trichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Trichlorofluoromethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:35	MD
Vinyl chloride	BRL	2.0		ug/L	209810	1	07/07/2015 06:35	MD
Surr: 4-Bromofluorobenzene	95	70.6-123		%REC	209810	1	07/07/2015 06:35	MD
Surr: Dibromofluoromethane	99.5	78.7-124		%REC	209810	1	07/07/2015 06:35	MD
Surr: Toluene-d8	107	81.3-120		%REC	209810	1	07/07/2015 06:35	MD

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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	DUP
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015
Lab ID:	1506U51-007	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
1,1,2-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
1,1-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
1,1-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
1,2-Dibromoethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
1,2-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
1,2-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
1,2-Dichloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
1,3-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
1,4-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
2-Butanone	BRL	50		ug/L	209810	1	07/07/2015 06:58	MD
2-Hexanone	BRL	10		ug/L	209810	1	07/07/2015 06:58	MD
4-Methyl-2-pentanone	BRL	10		ug/L	209810	1	07/07/2015 06:58	MD
Acetone	BRL	50		ug/L	209810	1	07/07/2015 06:58	MD
Benzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Bromodichloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Bromoform	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Bromomethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Carbon disulfide	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Carbon tetrachloride	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Chlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Chloroethane	BRL	10		ug/L	209810	1	07/07/2015 06:58	MD
Chloroform	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Chloromethane	BRL	10		ug/L	209810	1	07/07/2015 06:58	MD
cis-1,2-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Cyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Dibromochloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Dichlorodifluoromethane	BRL	10		ug/L	209810	1	07/07/2015 06:58	MD
Ethylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Freon-113	BRL	10		ug/L	209810	1	07/07/2015 06:58	MD
Isopropylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
m,p-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Methyl acetate	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Methyl tert-butyl ether	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Methylcyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Methylene chloride	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
o-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	DUP
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015
Lab ID:	1506U51-007	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Tetrachloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Toluene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Trichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Trichlorofluoromethane	BRL	5.0		ug/L	209810	1	07/07/2015 06:58	MD
Vinyl chloride	BRL	2.0		ug/L	209810	1	07/07/2015 06:58	MD
Surr: 4-Bromofluorobenzene	91.3	70.6-123		%REC	209810	1	07/07/2015 06:58	MD
Surr: Dibromofluoromethane	105	78.7-124		%REC	209810	1	07/07/2015 06:58	MD
Surr: Toluene-d8	110	81.3-120		%REC	209810	1	07/07/2015 06:58	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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	TRIP BLANK
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015
Lab ID:	1506U51-008	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
1,1,2-Trichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
1,1-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
1,1-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
1,2-Dibromoethane	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
1,2-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
1,2-Dichloroethane	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
1,2-Dichloropropane	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
1,3-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
1,4-Dichlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
2-Butanone	BRL	50		ug/L	209810	1	07/07/2015 00:41	MD
2-Hexanone	BRL	10		ug/L	209810	1	07/07/2015 00:41	MD
4-Methyl-2-pentanone	BRL	10		ug/L	209810	1	07/07/2015 00:41	MD
Acetone	BRL	50		ug/L	209810	1	07/07/2015 00:41	MD
Benzene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Bromodichloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Bromoform	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Bromomethane	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Carbon disulfide	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Carbon tetrachloride	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Chlorobenzene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Chloroethane	BRL	10		ug/L	209810	1	07/07/2015 00:41	MD
Chloroform	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Chloromethane	BRL	10		ug/L	209810	1	07/07/2015 00:41	MD
cis-1,2-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
cis-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Cyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Dibromochloromethane	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Dichlorodifluoromethane	BRL	10		ug/L	209810	1	07/07/2015 00:41	MD
Ethylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Freon-113	BRL	10		ug/L	209810	1	07/07/2015 00:41	MD
Isopropylbenzene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
m,p-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Methyl acetate	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Methyl tert-butyl ether	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Methylcyclohexane	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Methylene chloride	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
o-Xylene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD

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
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- 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:** 7-Jul-15

Client:	AMEC E&I, Inc. - Plasters	**Client Sample ID:**	TRIP BLANK
Project Name:	Imperial Cleaners	**Collection Date:**	6/30/2015
Lab ID:	1506U51-008	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Tetrachloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Toluene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
trans-1,2-Dichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
trans-1,3-Dichloropropene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Trichloroethene	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Trichlorofluoromethane	BRL	5.0		ug/L	209810	1	07/07/2015 00:41	MD
Vinyl chloride	BRL	2.0		ug/L	209810	1	07/07/2015 00:41	MD
Surr: 4-Bromofluorobenzene	92.1	70.6-123		%REC	209810	1	07/07/2015 00:41	MD
Surr: Dibromofluoromethane	95.3	78.7-124		%REC	209810	1	07/07/2015 00:41	MD
Surr: Toluene-d8	103	81.3-120		%REC	209810	1	07/07/2015 00:41	MD

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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- > 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.

Sample/Cooler Receipt Checklist

Client AMEC Work Order Number 1506U51

Checklist completed by [signature] 6/30/15
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? (0°≤6°C)* Yes ✓ No __

Cooler #1 3.5°C 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.

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: AMEC E&I, Inc. - Plasters
Project Name: Imperial Cleaners
Workorder: 1506U51

ANALYTICAL QC SUMMARY REPORT

BatchID: 209810

Sample ID: **MB-209810**	Client ID:		Units: **ug/L**	Prep Date: **07/06/2015**	Run No: **295399**
SampleType: **MBLK**	TestCode: **TCL VOLATILE ORGANICS SW8260B**		BatchID: **209810**	Analysis Date: **07/06/2015**	Seq No: **6298301**

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									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

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. - Plasters
Project Name: Imperial Cleaners
Workorder: 1506U51

ANALYTICAL QC SUMMARY REPORT

BatchID: 209810

Sample ID: **MB-209810** Client ID: Units: **ug/L** Prep Date: **07/06/2015** Run No: **295399**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **209810** Analysis Date: **07/06/2015** Seq No: **6298301**

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	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									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
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	2.0									
Surr: 4-Bromofluorobenzene	46.24	0	50.00		92.5	70.6	123				
Surr: Dibromofluoromethane	46.32	0	50.00		92.6	78.7	124				
Surr: Toluene-d8	50.18	0	50.00		100	81.3	120				

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. - Plasters
Project Name: Imperial Cleaners
Workorder: 1506U51

ANALYTICAL QC SUMMARY REPORT

BatchID: 209810

Sample ID: **LCS-209810** Client ID: Units: **ug/L** Prep Date: **07/06/2015** Run No: **295399**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **209810** Analysis Date: **07/06/2015** Seq No: **6298300**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	62.28	5.0	50.00		125	64.2	137				
Benzene	53.14	5.0	50.00		106	72.8	128				
Chlorobenzene	42.25	5.0	50.00		84.5	72.3	126				
Toluene	54.40	5.0	50.00		109	74.9	127				
Trichloroethene	51.46	5.0	50.00		103	70.5	134				
Surr: 4-Bromofluorobenzene	48.37	0	50.00		96.7	70.6	123				
Surr: Dibromofluoromethane	46.89	0	50.00		93.8	78.7	124				
Surr: Toluene-d8	52.32	0	50.00		105	81.3	120				

Sample ID: **1506U17-001AMS** Client ID: Units: **ug/L** Prep Date: **07/06/2015** Run No: **295399**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **209810** Analysis Date: **07/07/2015** Seq No: **6298996**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	703.4	50	500.0		141	60.5	156				
Benzene	580.6	50	500.0		116	70	135				
Chlorobenzene	444.6	50	500.0		88.9	70.5	132				
Toluene	594.1	50	500.0		119	70.5	137				
Trichloroethene	1968	50	500.0	1378	118	71.8	139				
Surr: 4-Bromofluorobenzene	444.6	0	500.0		88.9	70.6	123				
Surr: Dibromofluoromethane	477.3	0	500.0		95.5	78.7	124				
Surr: Toluene-d8	524.8	0	500.0		105	81.3	120				

Sample ID: **1506U17-001AMSD** Client ID: Units: **ug/L** Prep Date: **07/06/2015** Run No: **295399**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **209810** Analysis Date: **07/07/2015** Seq No: **6298997**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	615.6	50	500.0		123	60.5	156	703.4	13.3	20	
Benzene	548.5	50	500.0		110	70	135	580.6	5.69	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. - Plasters
Project Name: Imperial Cleaners
Workorder: 1506U51

ANALYTICAL QC SUMMARY REPORT

BatchID: 209810

Sample ID: **1506U17-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **07/06/2015** Run No: **295399**
BatchID: **209810** Analysis Date: **07/07/2015** Seq No: **6298997**

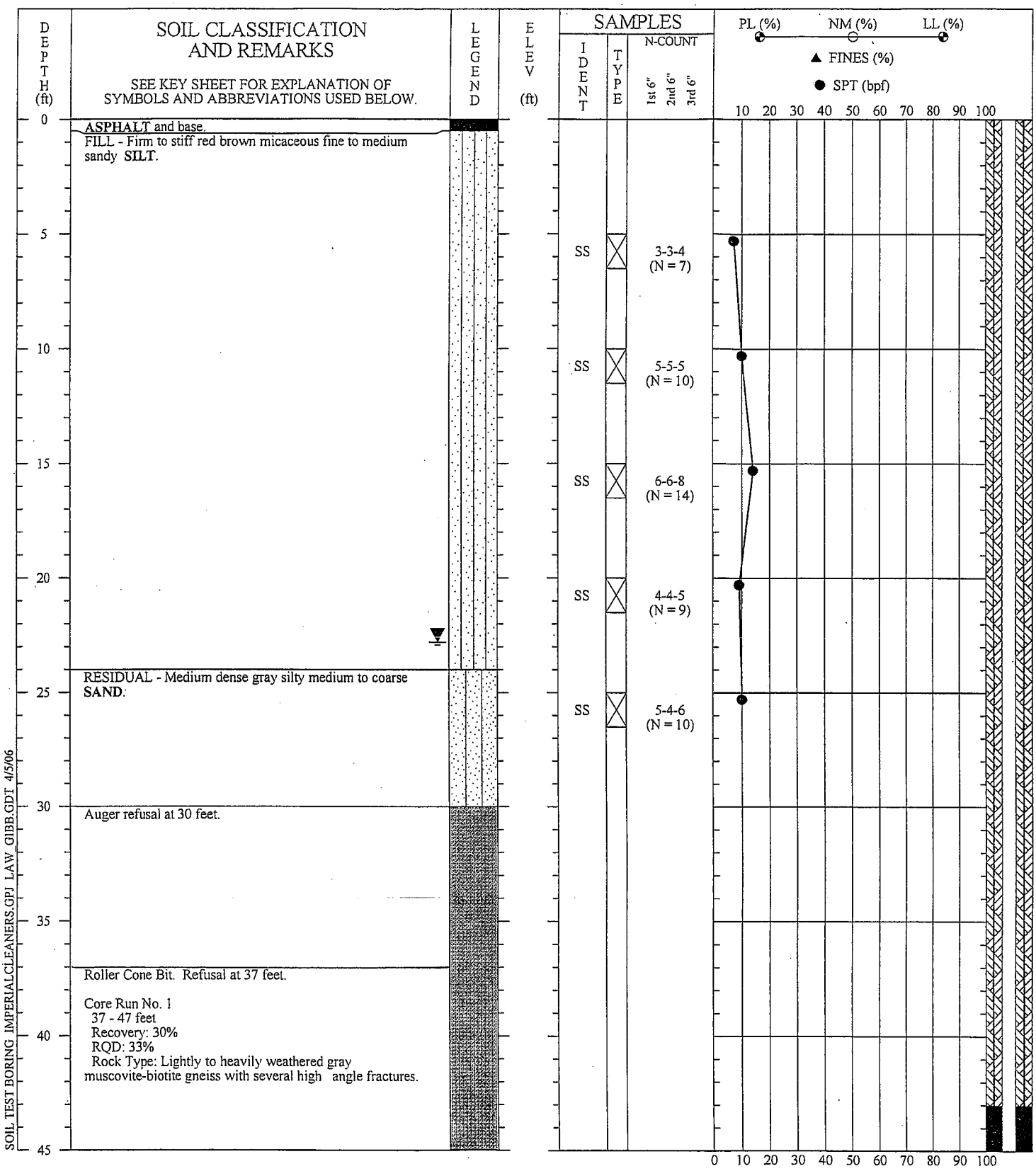
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	415.1	50	500.0		83.0	70.5	132	444.6	6.86	20	
Toluene	551.0	50	500.0		110	70.5	137	594.1	7.53	20	
Trichloroethene	1834	50	500.0	1378	91.2	71.8	139	1968	7.02	20	
Surr: 4-Bromofluorobenzene	459.0	0	500.0		91.8	70.6	123	444.6	0	0	
Surr: Dibromofluoromethane	490.2	0	500.0		98.0	78.7	124	477.3	0	0	
Surr: Toluene-d8	540.6	0	500.0		108	81.3	120	524.8	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		

APPENDIX E

BORING LOGS



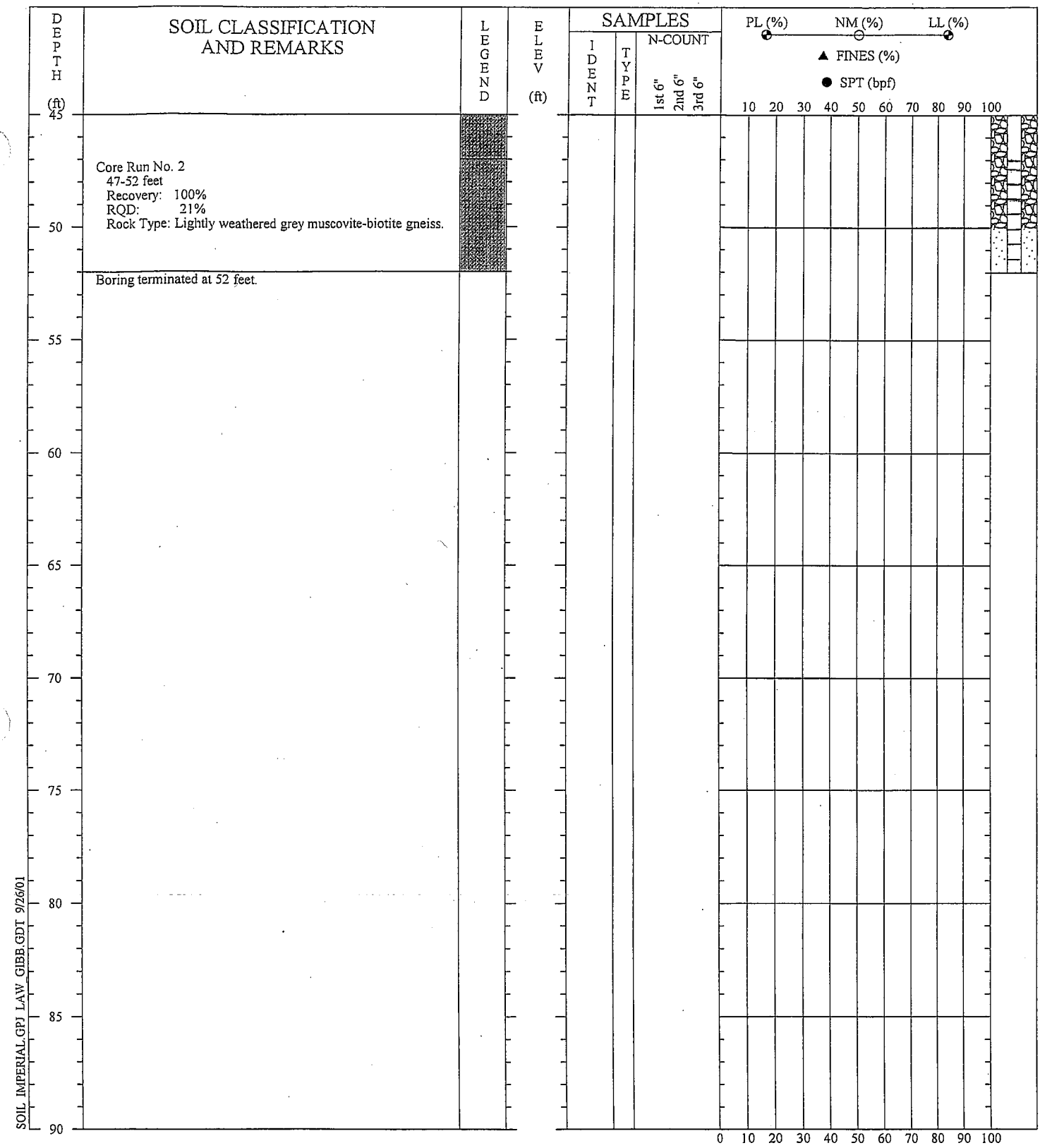
DRILLER:	MACTEC-Jimmy Oglesby
EQUIPMENT:	CME-75
METHOD:	Hollow Stem Auger/Core Drill
HOLE DIA.:	8 inches/4 inches
REMARKS:	Type III well installed. Stabilized groundwater depth 22.80 feet on 8/23/01.

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-3
PROJECT: Imperial Cleaners
LOCATION: Atlanta, Georgia
DRILLED: August 7, 2001
PROJECT NO.: 6305-05-0319

MACTEC



SOIL IMPERIAL.GPJ LAW_GIBB.GDT 9/26/01

DRILLER: Oglesby
EQUIPMENT: CME 75
METHOD: Hollow Stem Auger/Core Drill
HOLE DIA.: 8"/4"
REMARKS: Type III well installed. Stabilized groundwater depth 22.80 feet on 8/23/01.

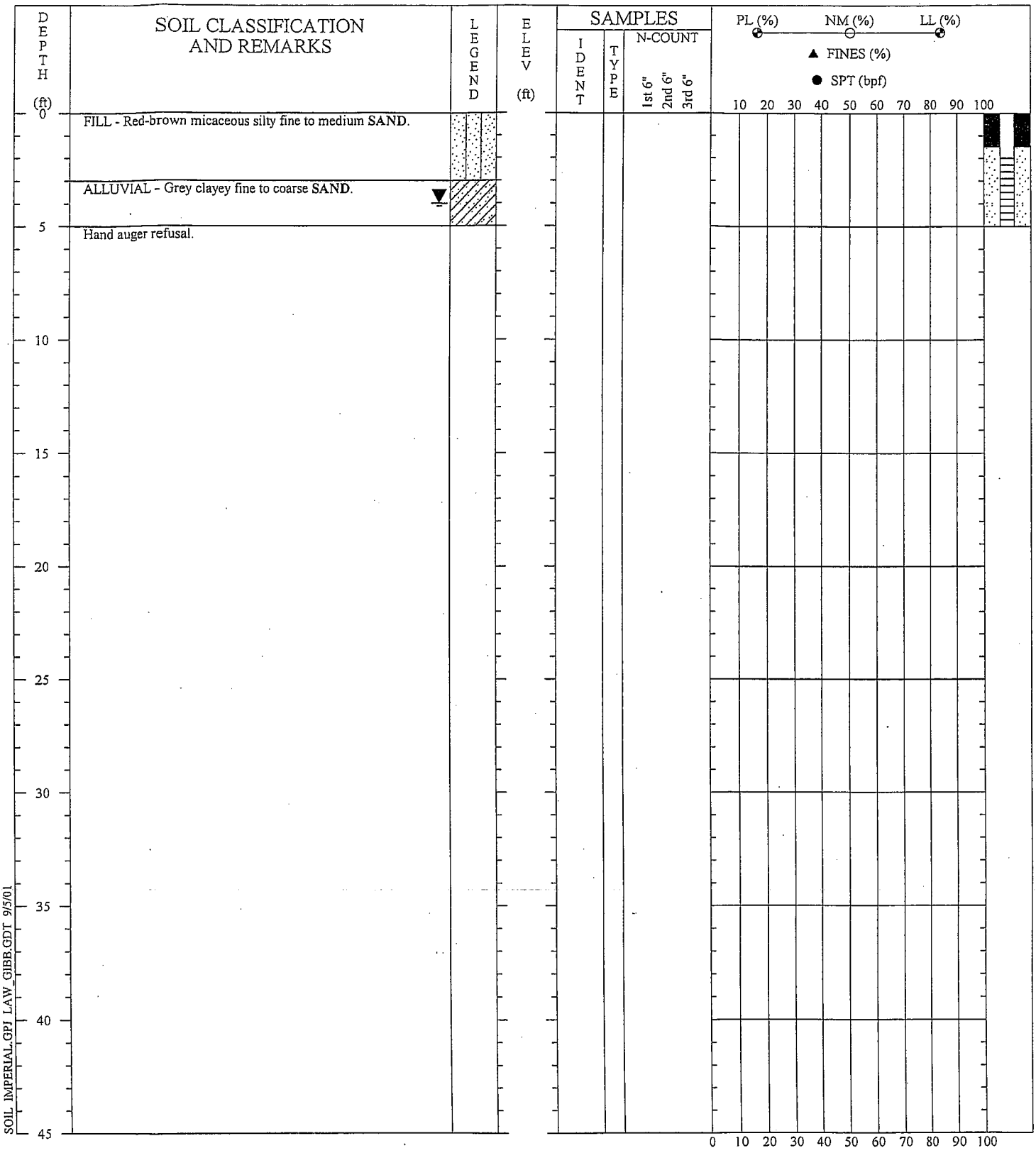
SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO: MW-3
PROJECT: Imperial Cleaners

DRILLED: August 7, 2001
PROJECT No: 12110-1-0013

LAW
LAWGIBB Group Member



SOIL IMPERIAL.GPJ LAW_GIBB.GDT 9/5/01

DRILLER: Foley
EQUIPMENT: Hand Auger
METHOD:
HOLE DIA.: 4"
REMARKS: Type I groundwater monitoring well installed.

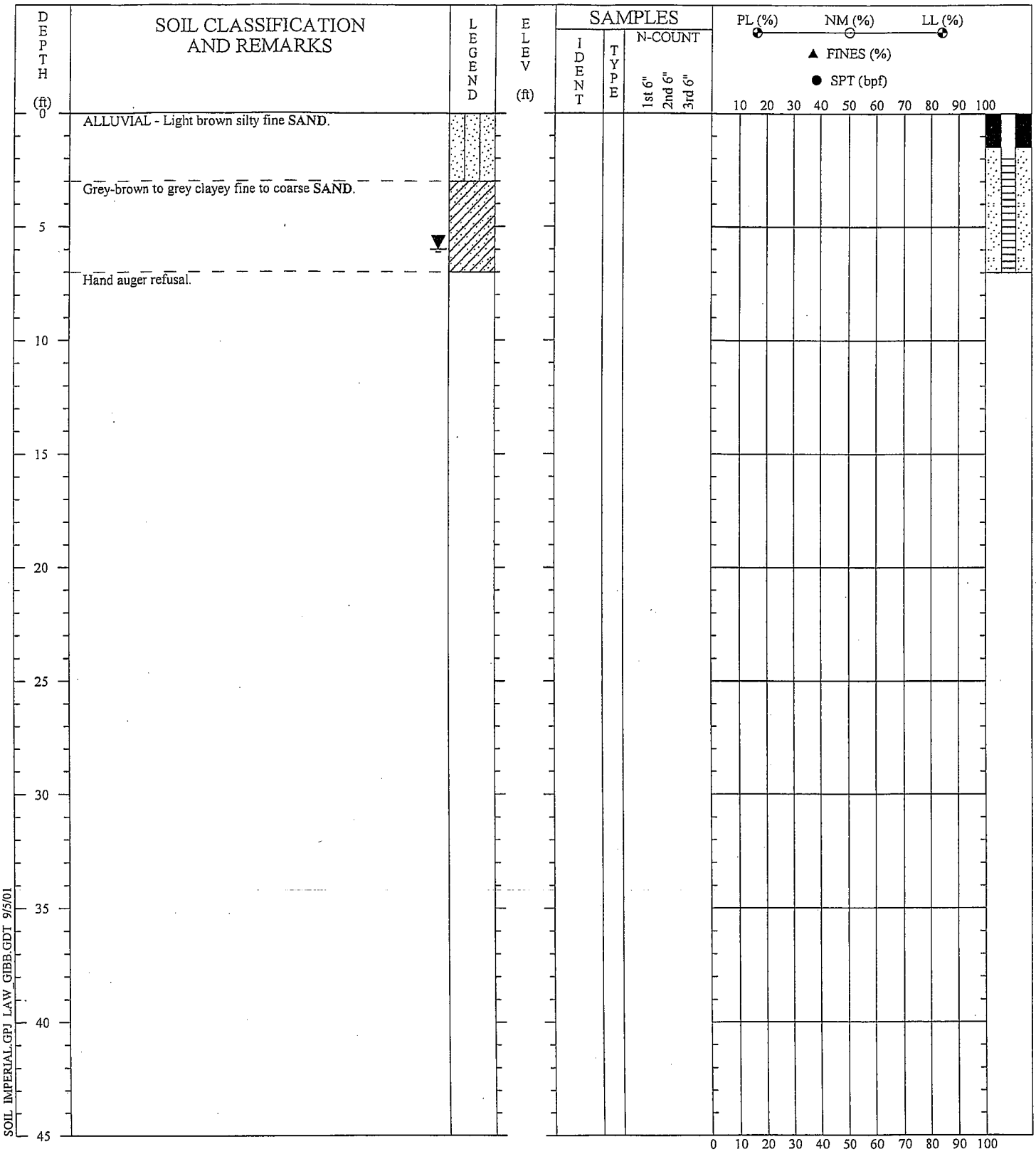
SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO: MW-4
PROJECT: Imperial Cleaners

DRILLED: August 14, 2001
PROJECT No: 12110-1-0013 PAGE 1 OF 1

LAW
LAWGIBB Group Member



SOIL IMPERIAL.GPJ LAW_GIBB.GDT 9/5/01

DRILLER: Foley
EQUIPMENT: Hand Auger
METHOD:
HOLE DIA.: 4"
REMARKS: Type I groundwater monitoring well installed.

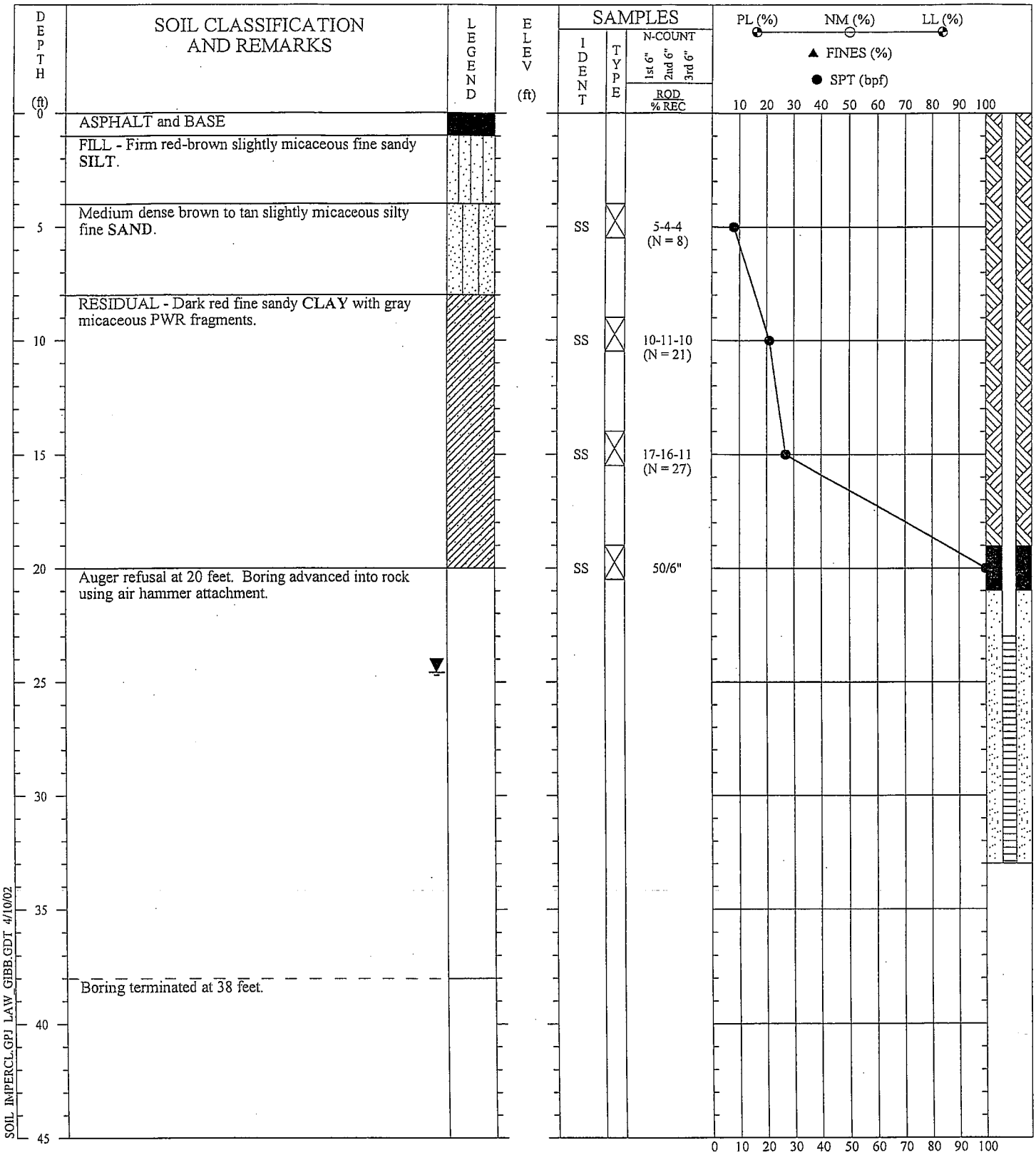
SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO: MW-5
PROJECT: Imperial Cleaners

DRILLED: August 14, 2001
PROJECT No: 12110-1-0013

LAW
LAWGIBB Group Member



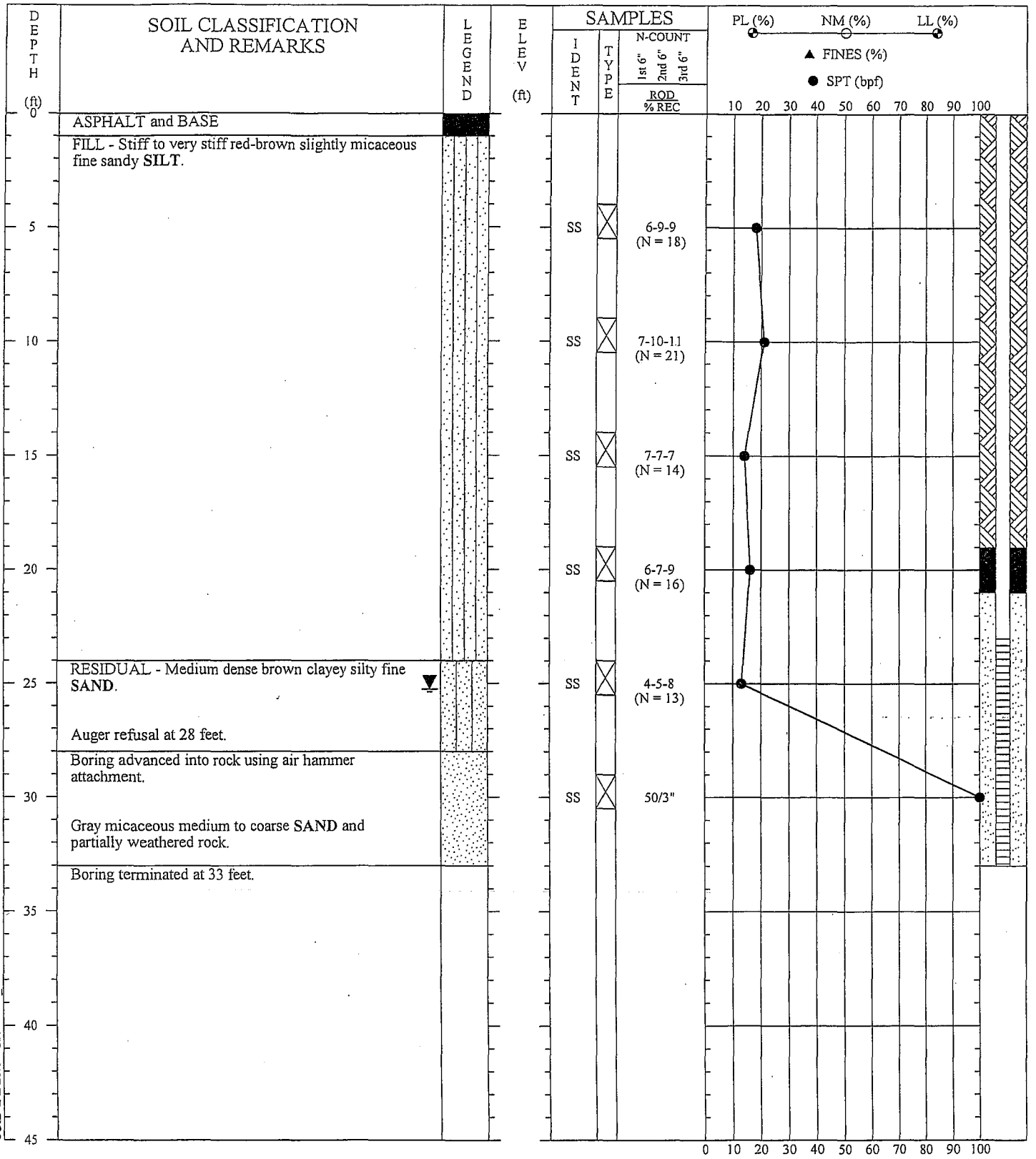
DRILLER:	Piedmont
EQUIPMENT:	CME 75
METHOD:	Hollow Stem Auger/Air Hammer
HOLE DIA.:	8"/4"
REMARKS:	Type II monitoring well installed. Stabilized groundwater depth 24.58 feet.

SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO: MW-6
PROJECT: Imperial Cleaners
LOCATION:
DRILLED: March 4, 2002
PROJECT NO: 12110-1-0013 PAGE 1 OF 1

LAW
LAWGIBB Group Member



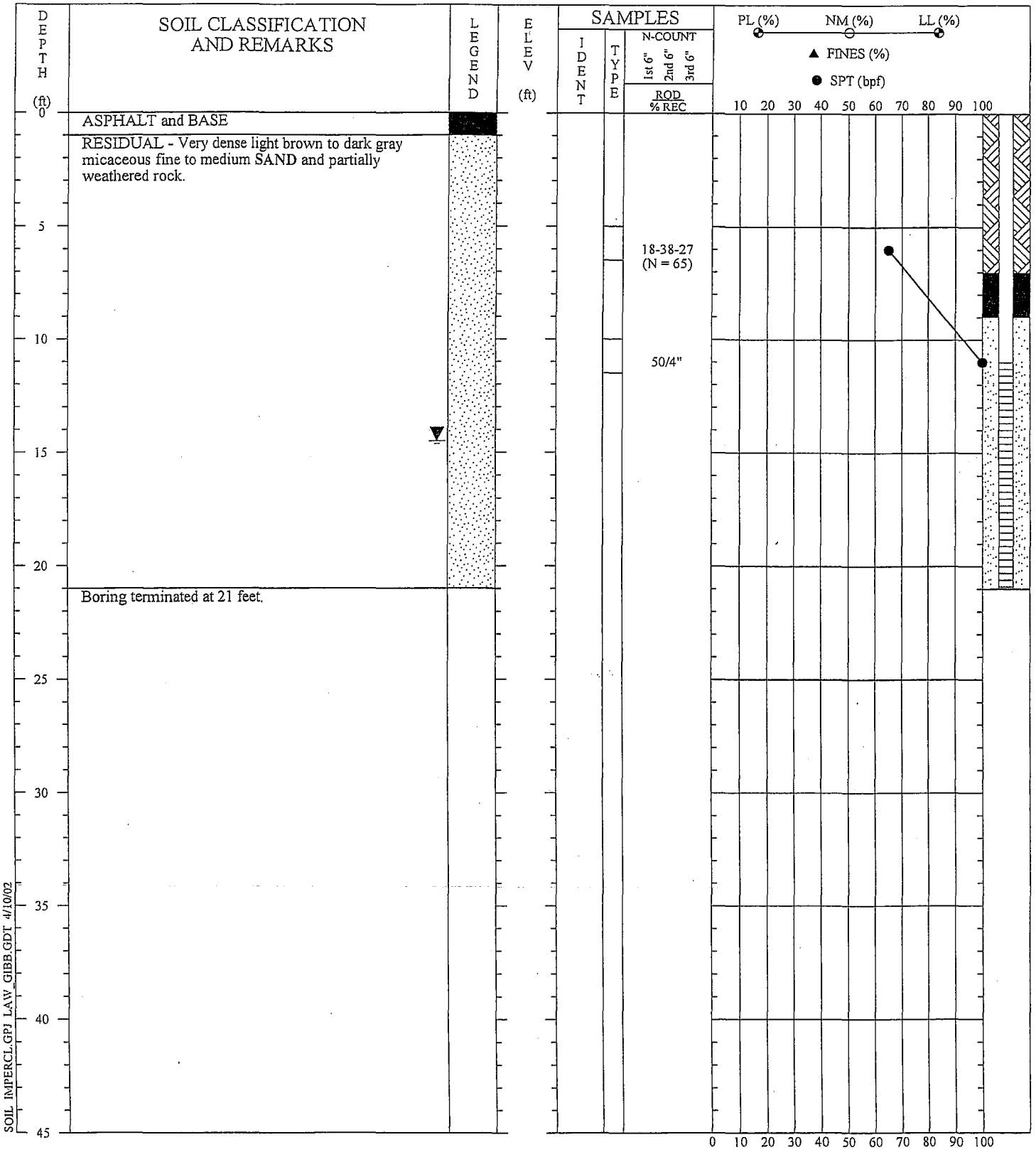
DRILLER:	Piedmont
EQUIPMENT:	CME 75
METHOD:	Hollow Stem Auger/Air Hammer
HOLE DIA.:	8"/4"
REMARKS:	Type II monitoring well installed. Stabilized groundwater depth 25.26 feet.

SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO: MW-7
PROJECT: Imperial Cleaners
LOCATION:
DRILLED: March 4, 2002
PROJECT NO: 12110-1-0013 PAGE 1 OF 1

LAW
LAWGIBB Group Member



SOIL IMPERCL.GPJ LAW_GIBB.GDT 4/10/02

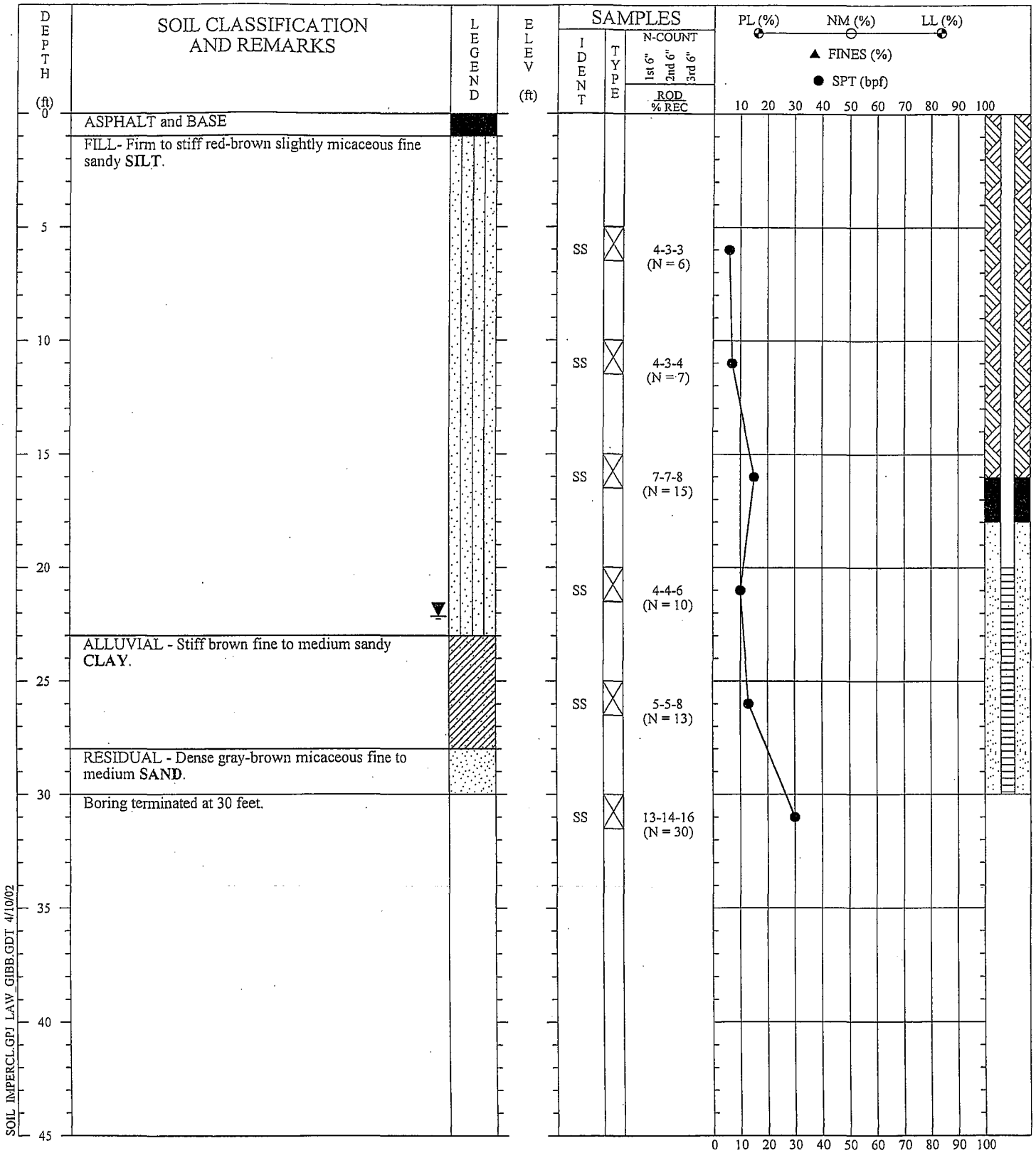
DRILLER:	Piedmont
EQUIPMENT:	CME 75
METHOD:	Hollow Stem Auger
HOLE DIA.:	8"
REMARKS:	Type II monitoring well installed. Stabilized groundwater depth 14.52 feet.

SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO:	MW-8
PROJECT:	Imperial Cleaners
LOCATION:	
DRILLED:	March 5, 2002
PROJECT NO:	12110-1-0013

LAW
LAWGIBB Group Member



DRILLER:	Piedmont
EQUIPMENT:	CME 75
METHOD:	Hollow Stem Auger
HOLE DIA.:	8"
REMARKS:	Type II monitoring well installed. Stabilized groundwater depth 22.15 feet.

SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO: MW-9
PROJECT: Imperial Cleaners
LOCATION:
DRILLED: March 5, 2002
PROJECT NO: 12110-1-0013

LAW
LAWGIBB Group Member

DEPTH (ft)	SOIL CLASSIFICATION AND REMARKS	LEGEND	ELEV (ft)
0	FILL - Red-brown micaceous silty fine to medium **SAND.**		
	ALLUVIAL - Gray-brown clayey fine to coarse **SAND.**		
	Hand auger refusal at 3.5 feet.		
5			
10			
15			
20			
25			
30			
35			
40			
45			

SAMPLES: IDENT | TYPE | N-COUNT (1st 6" / 2nd 6" / 3rd 6") | ROD % REC

PL (%) NM (%) LL (%)

▲ FINES (%)

● SPT (bpf)

10 20 30 40 50 60 70 80 90 100

0 10 20 30 40 50 60 70 80 90 100

SOIL IMPERCL.GPJ LAW_GIBB.GDT 4/10/02

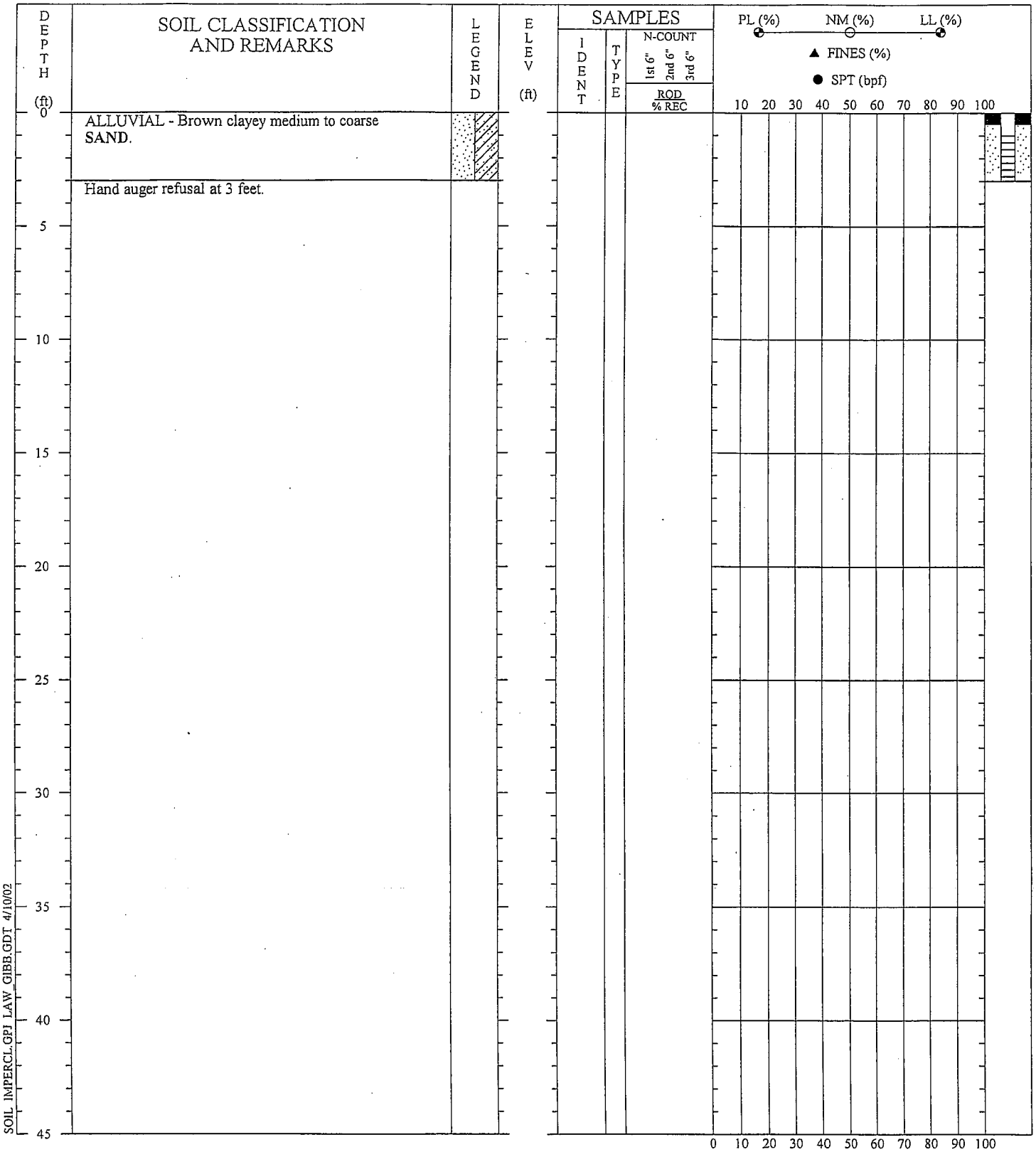
DRILLER: Steve Foley
EQUIPMENT: Hand Auger
METHOD:
HOLE DIA.: 4"
REMARKS: Type I monitoring well installed. Stabilized groundwater depth 5.15 feet below TOC.

SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO: MW-10
PROJECT: Imperial Cleaners
LOCATION:
DRILLED: March 14, 2002
PROJECT NO: 12110-1-0013

LAW
LAWGIBB Group Member



SOIL IMPERCL.GPJ LAW_GIBB.GDT 4/10/02

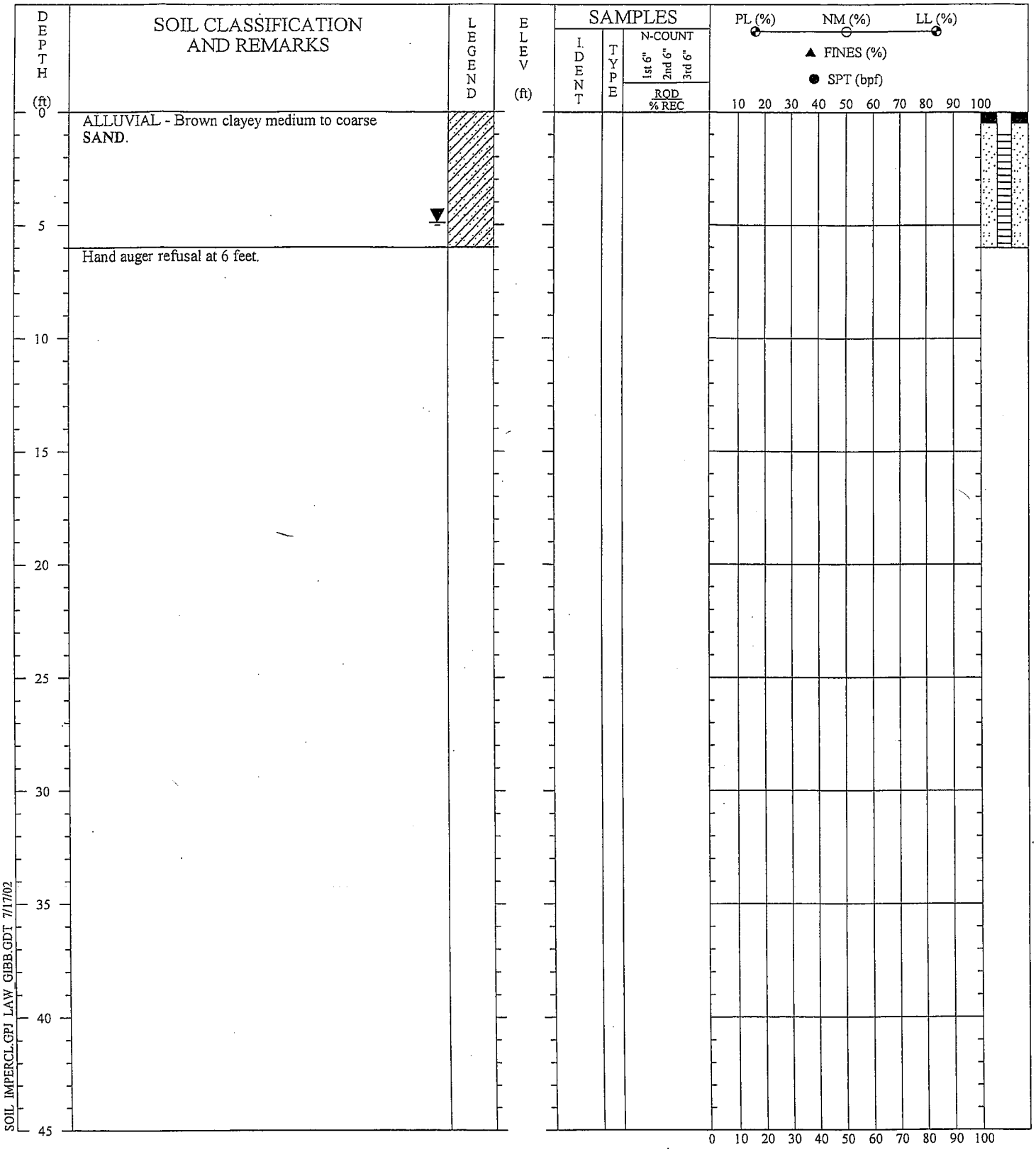
DRILLER:	Steve Foley
EQUIPMENT:	Hand Auger
METHOD:	
HOLE DIA.:	4"
REMARKS:	Type I monitoring well installed. Stabilized groundwater depth 5.80 feet below TOC.

SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO:	MW-11
PROJECT:	Imperial Cleaners
LOCATION:	
DRILLED:	April 4, 2002
PROJECT NO:	12110-1-0013

LAW
LAWGIBB Group Member



SOIL IMPERCL.GPJ LAW_GIBB.GDT 7/17/02

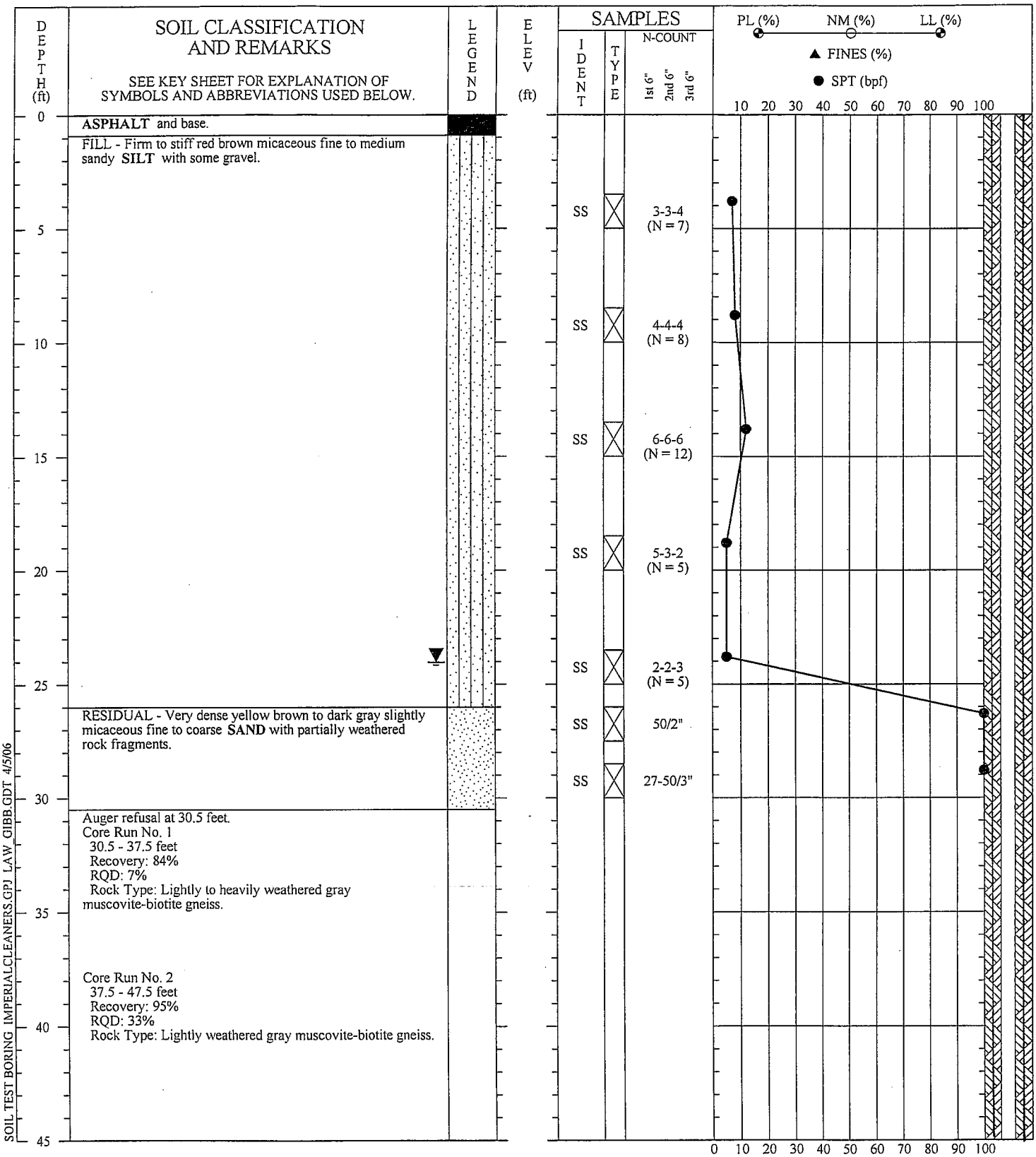
DRILLER:	Steve Foley
EQUIPMENT:	Hand Auger
METHOD:	
HOLE DIA.:	4"
REMARKS:	Type I monitoring well installed. Stabilized groundwater depth 4.91 feet below TOC.

SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO:	MW-12
PROJECT:	Imperial Cleaners
LOCATION:	
DRILLED:	June 12, 2002
PROJECT NO:	12110-1-0013

LAW
LAWGIBB Group Member



SOIL TEST BORING IMPERIALCLEANERS.GPJ LAW_GIBB.GDT 4/5/06

DRILLER:	MACTEC
EQUIPMENT:	CME-54
METHOD:	Hollow Stem Auger/Core Drill
HOLE DIA.:	8 inches/4 inches
REMARKS:	Type III well installed. Outer casing grouted at 30.5 feet. Stabilized groundwater depth 24.03 on 3/31/06.

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.

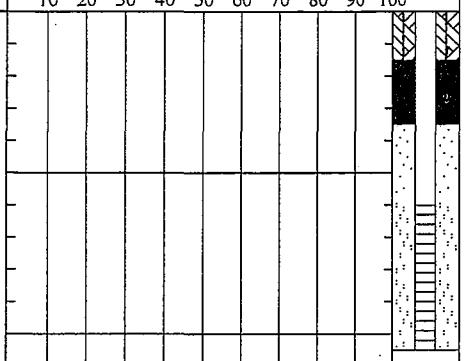
SOIL TEST BORING RECORD

BORING NO.: DW-1
PROJECT: Imperial Cleaners
LOCATION: Atlanta, Georgia
DRILLED: March 15, 2006
PROJECT NO.: 6305-05-0319

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")
45						
	Core Run No. 3 47.5 - 55.5 feet Recovery: 100% RQD: 63% Rock type: Lightly weathered to fresh gray muscovite-biotite gneiss					
50						
55	Boring terminated at 55.5 feet.					
60						
65						
70						
75						
80						
85						
90						

PL (%) NM (%) LL (%)
▲ FINES (%)
● SPT (bpf)
10 20 30 40 50 60 70 80 90 100



0 10 20 30 40 50 60 70 80 90 100

SOIL TEST BORING IMPERIALCLEANERS.GPJ LAW_GIBB.GDT 4/5/06

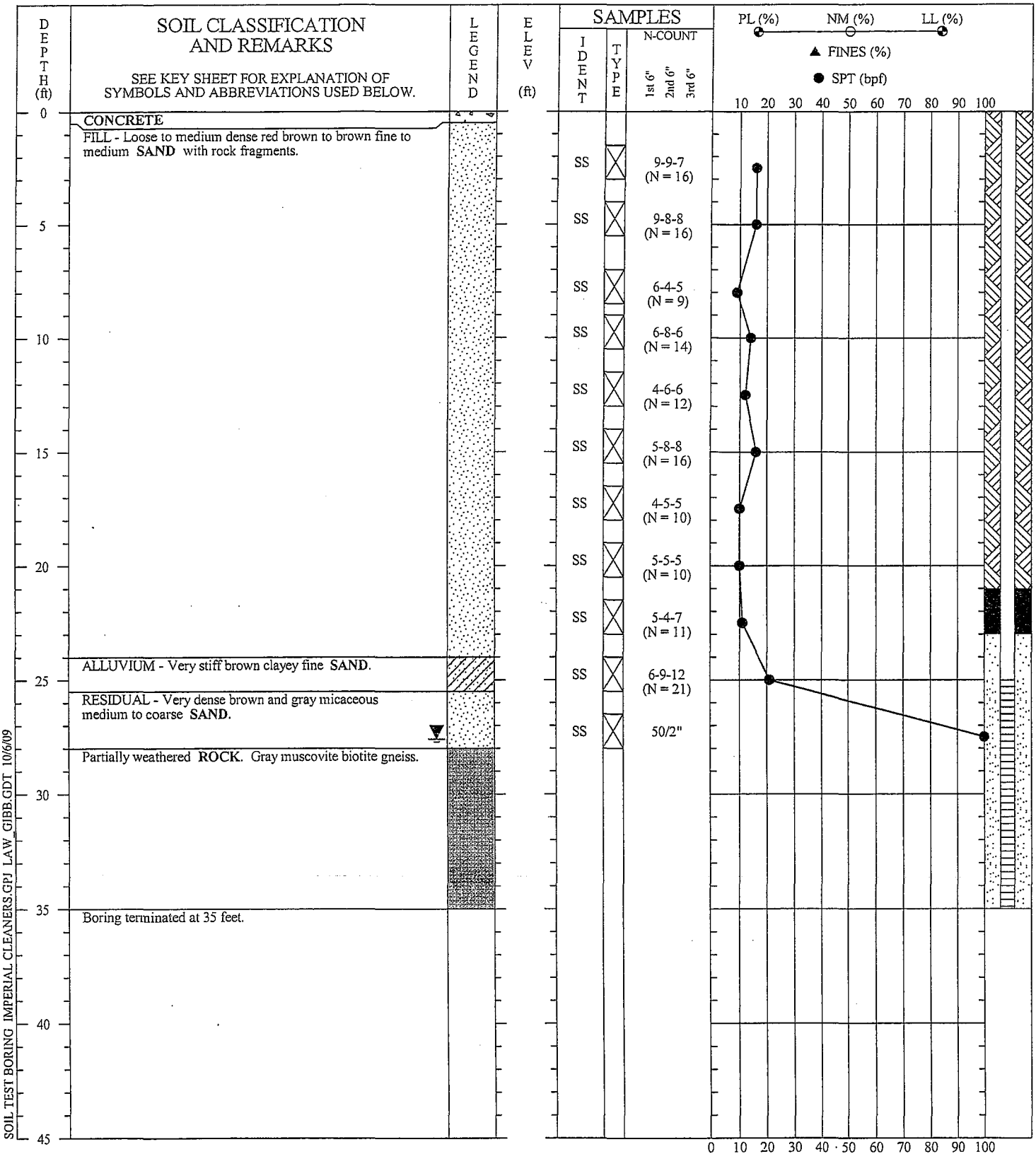
DRILLER:	MACTEC
EQUIPMENT:	CME-54
METHOD:	Hollow Stem Auger/Core Drill
HOLE DIA.:	8 inches/4 inches
REMARKS:	Type III well installed. Outer casing grouted at 30.5 feet. Stabilized groundwater depth 24.03 on 3/31/06.

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.: DW-1
PROJECT: Imperial Cleaners
LOCATION: Atlanta, Georgia
DRILLED: March 15, 2006
PROJECT NO.: 6305-05-0319

MACTEC



SOIL TEST BORING IMPERIAL CLEANERS.GPJ LAW_GIBB.GDT 10/6/09

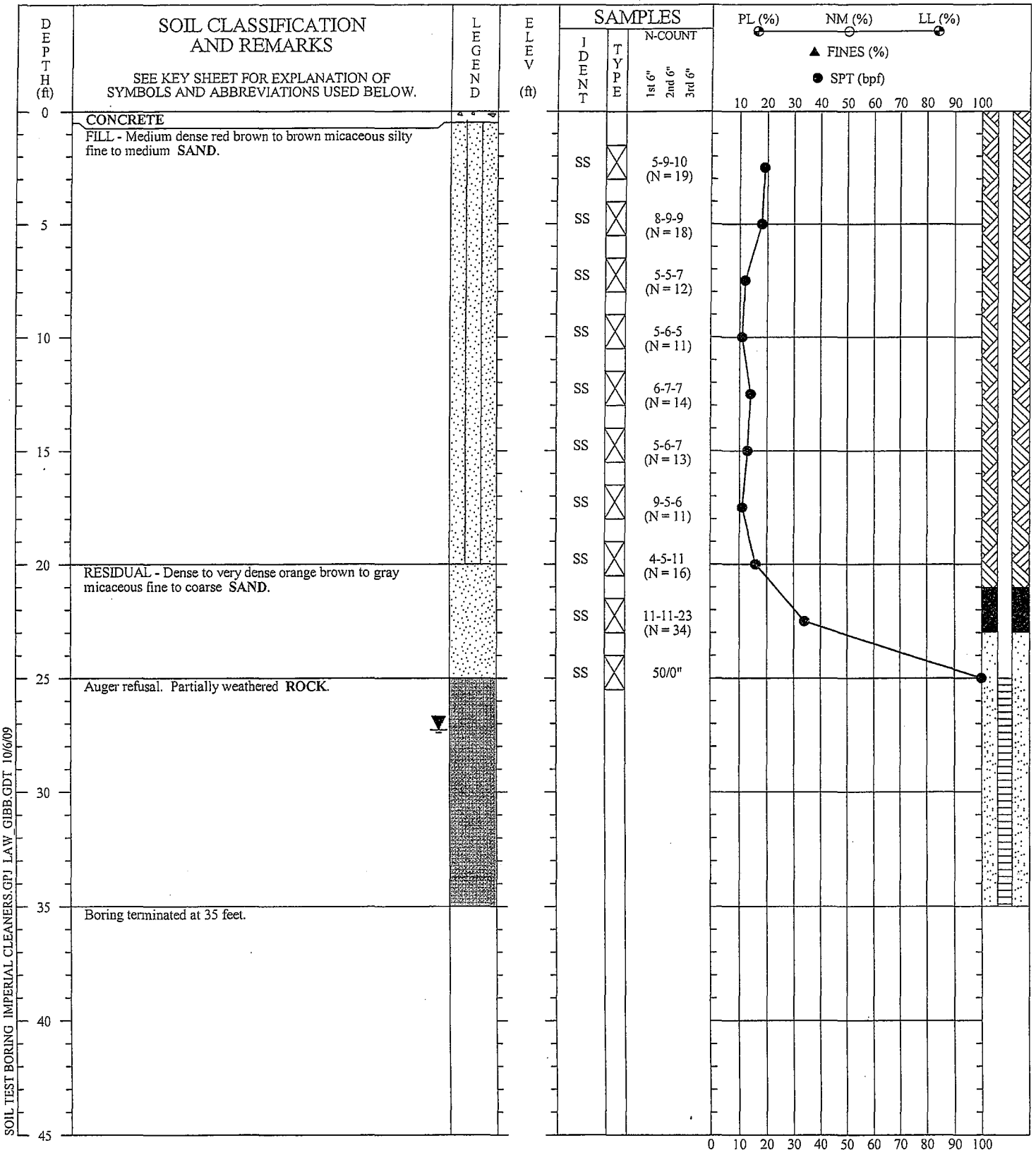
DRILLER:	Piedmont Environmental Drilling
EQUIPMENT:	Deitrich
METHOD:	Hollow Stem Auger/Air Hammer
HOLE DIA.:	8 inches
REMARKS:	Type II monitoring well installed. Stabilized grounwater depth 27.60 feet.

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.:	SB-20/MW-13
PROJECT:	Imperial Cleaners
LOCATION:	Roswell, GA
DRILLED:	August 12, 2009
PROJECT NO.:	6305-05-0319

MACTEC



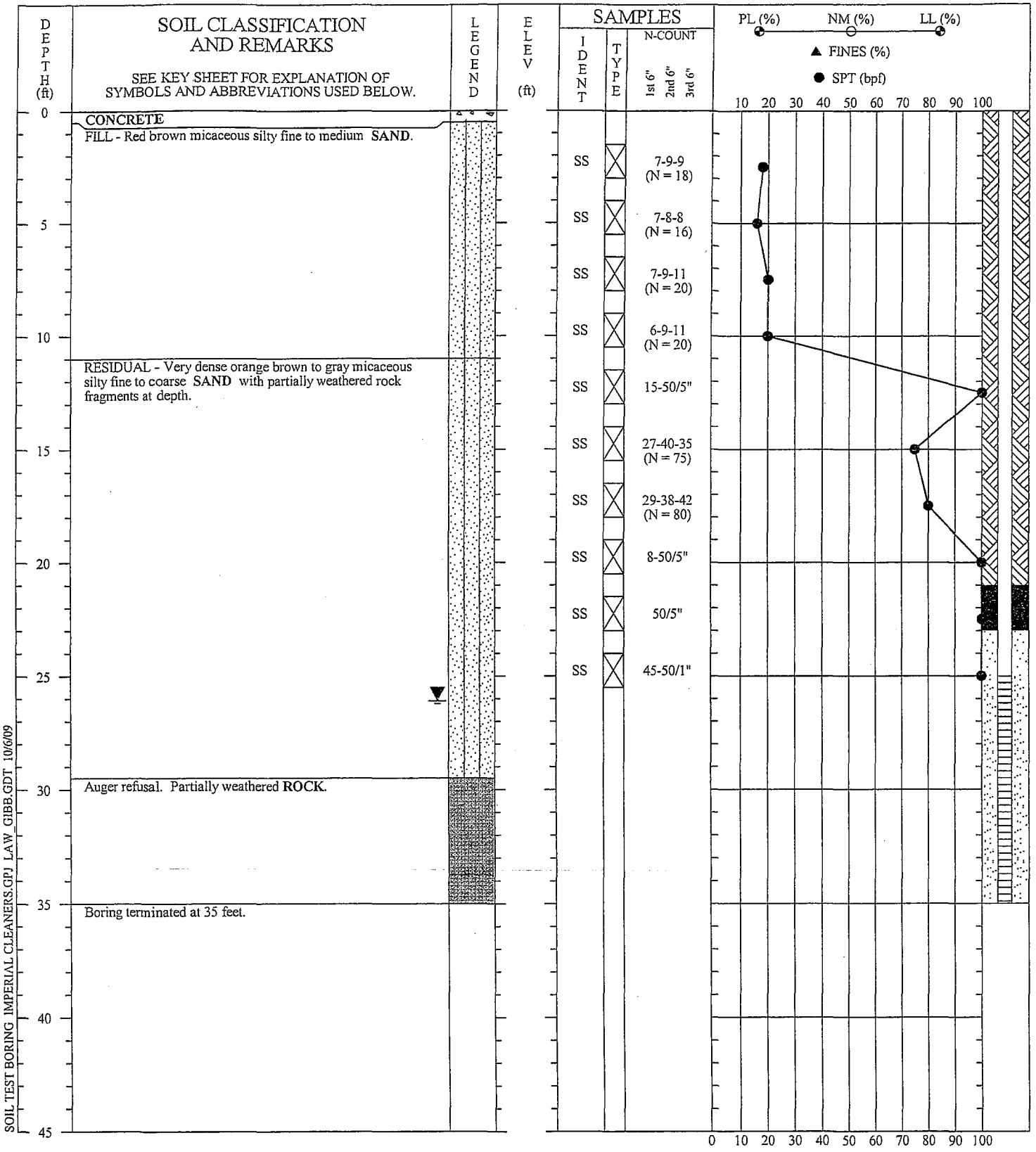
DRILLER:	Piedmont Environmental Drilling
EQUIPMENT:	Deitrich
METHOD:	Hollow Stem Auger/Air Hammer
HOLE DIA.:	8 inches
REMARKS:	Type II monitoring well installed. Stabilized grounwater depth 27.28 feet.

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.:	SB-22/MW-14
PROJECT:	Imperial Cleaners
LOCATION:	Roswell, GA
DRILLED:	August 13, 2009
PROJECT NO.:	6305-05-0319

MACTEC



SOIL TEST BORING IMPERIAL CLEANERS.GPJ LAW_GIBB.GDT 10/6/09

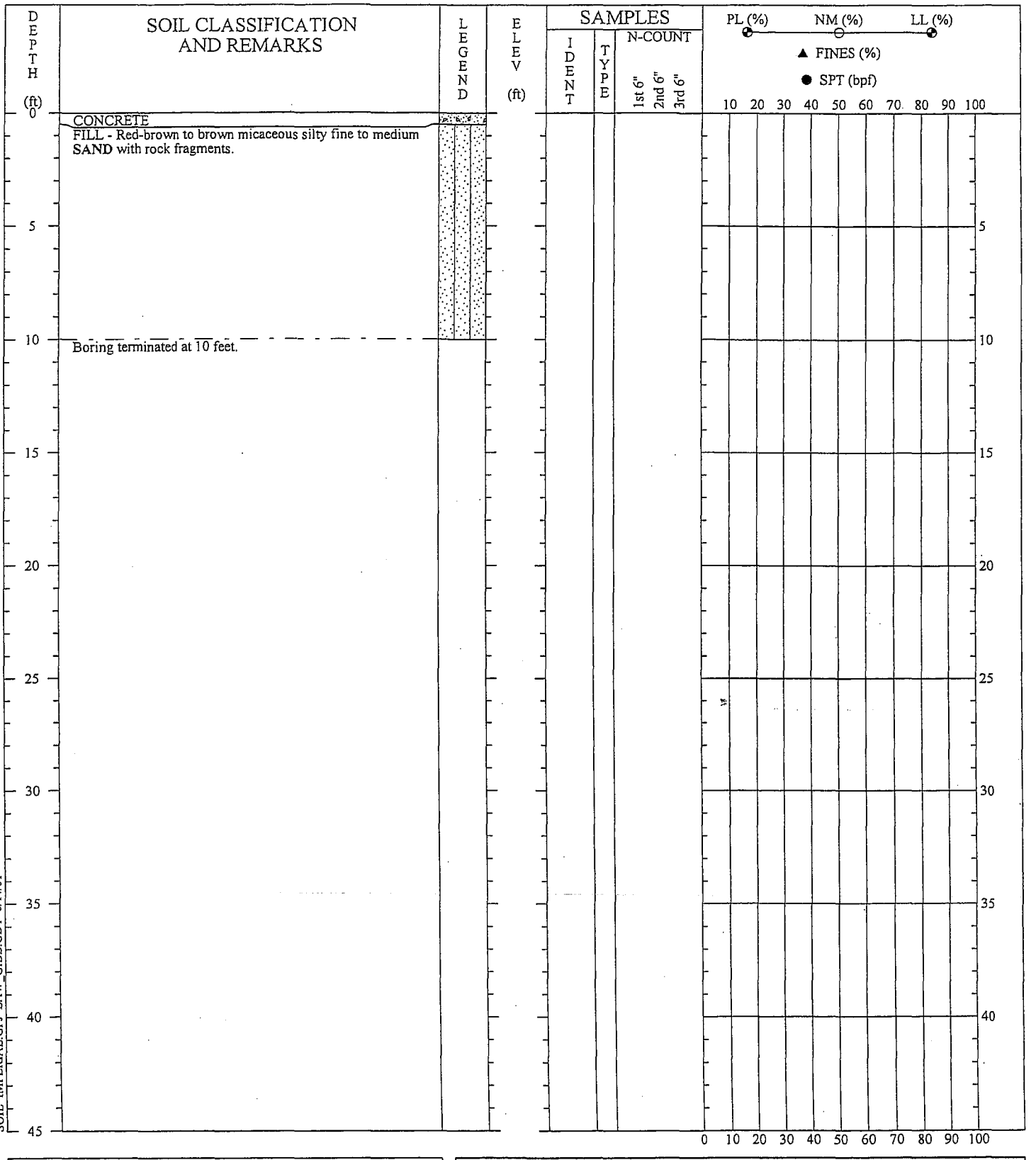
DRILLER:	Piedmont Environmental Drilling
EQUIPMENT:	Deitrich
METHOD:	Hollow Stem Auger/Air Hammer
HOLE DIA.:	8 inches
REMARKS:	Type II monitoring well installed. Stabilized grounwater depth 26.10 feet.

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.:	SB-26/MW-15
PROJECT:	Imperial Cleaners
LOCATION:	Roswell, GA
DRILLED:	August 14, 2009
PROJECT NO.:	6305-05-0319

MACTEC



SOIL IMPERIAL.GPJ LAW_GIBB.GDT 6/14/01

DRILLER:	ESN Southeast
EQUIPMENT:	Geoprobe
METHOD:	Direct Push
HOLE DIA.:	1.5"
REMARKS:	No groundwater encountered.

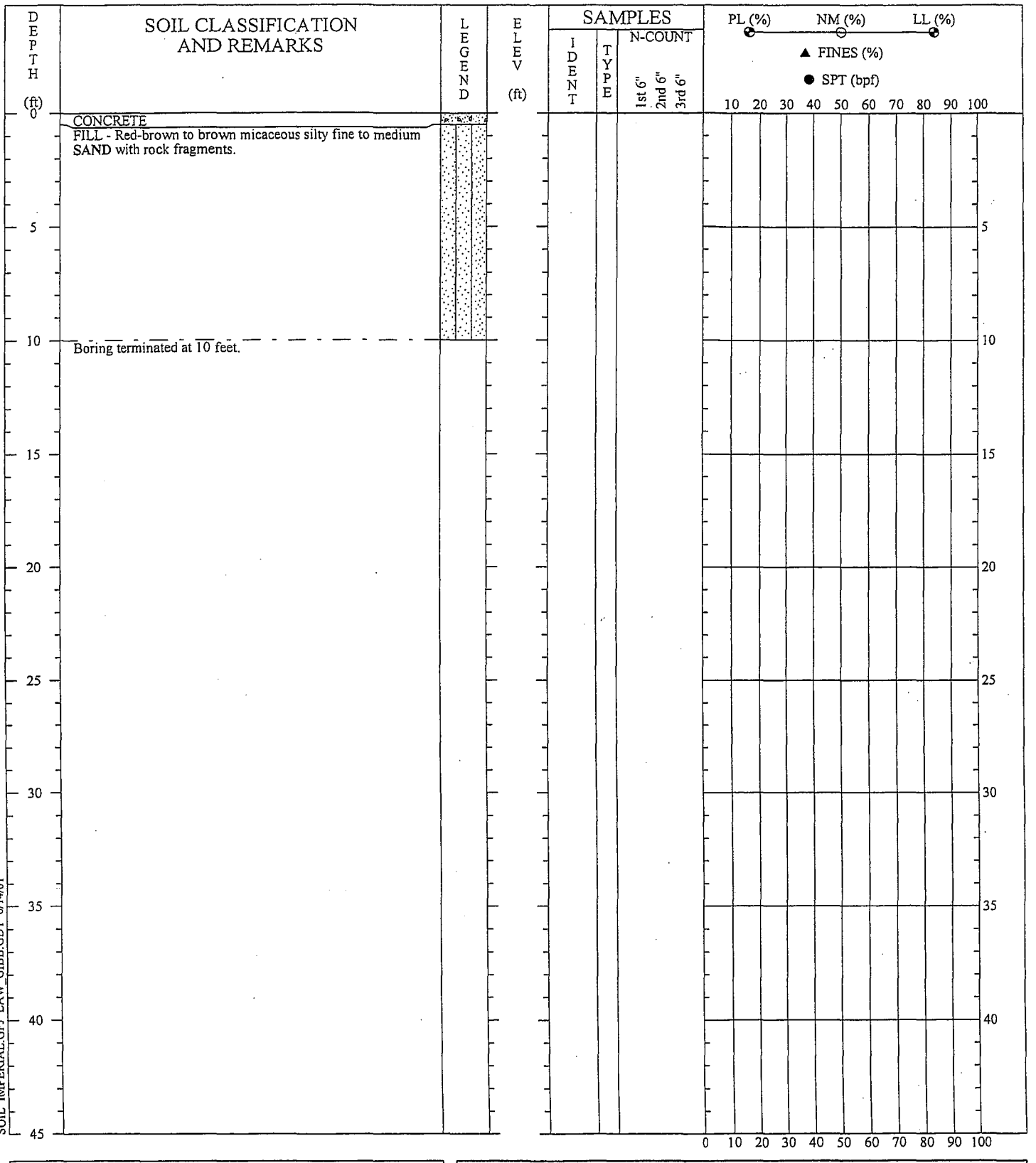
SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO: GP-1
PROJECT: Imperial Cleaners

DRILLED: May 21, 2001
PROJECT No: 12110-1-0013

LAW
LAWGIBB Group Member



SOIL IMPERIAL.GPJ LAW_GIBB.GDT 6/14/01

DRILLER: ESN Southeast
EQUIPMENT: Geoprobe
METHOD: Direct Push
HOLE DIA.: 1.5"
REMARKS: No groundwater encountered.

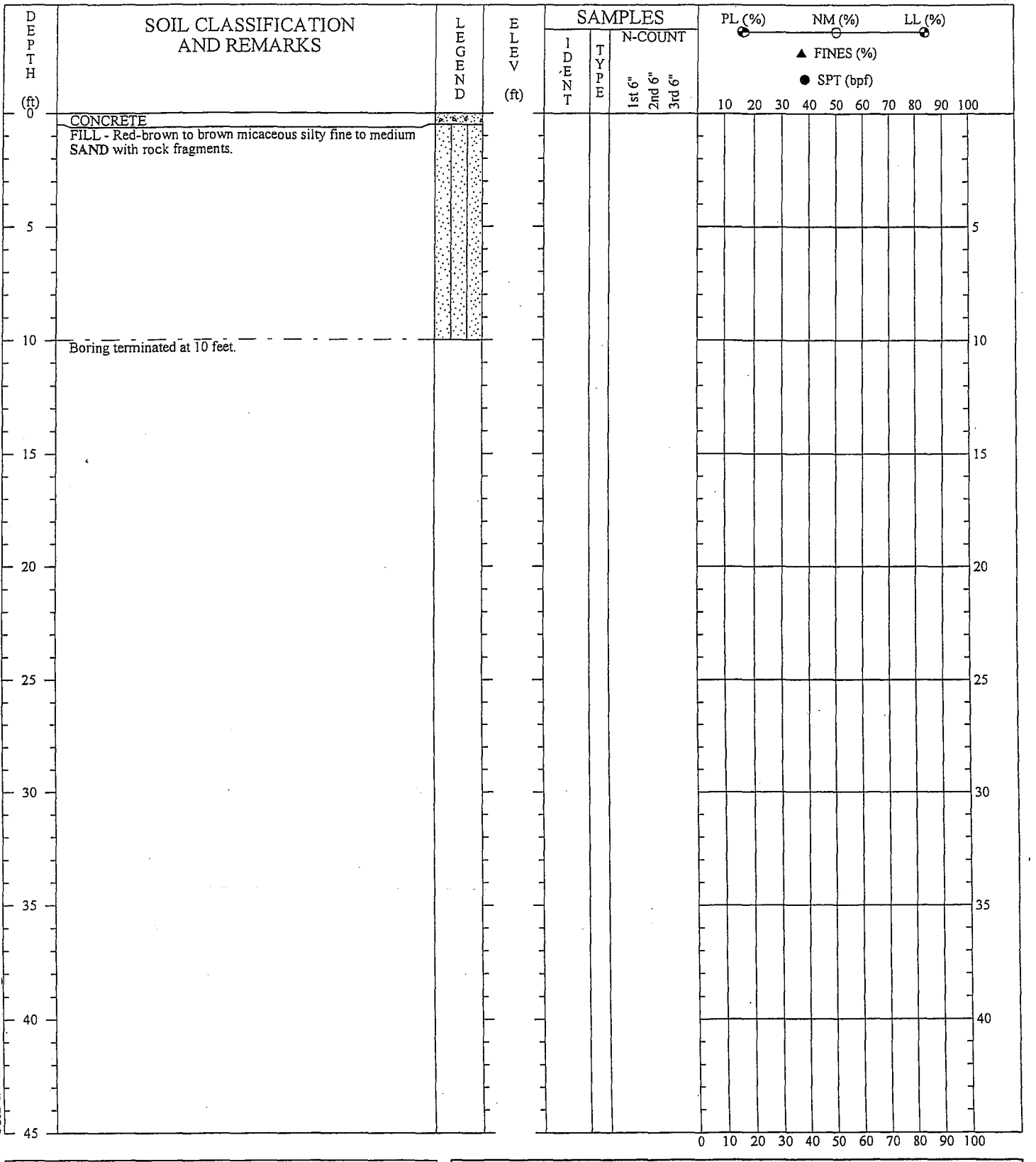
SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO: GP-2
PROJECT: Imperial Cleaners

DRILLED: May 21, 2001
PROJECT No: 12110-1-0013

LAW
LAWGIBB Group Member



SOIL IMPERIAL.GPJ LAW_GIBB.GDT 6/14/01

DRILLER: ESN Southeast
EQUIPMENT: Geoprobe
METHOD: Direct Push
HOLE DIA.: 1.5"
REMARKS: No groundwater encountered.

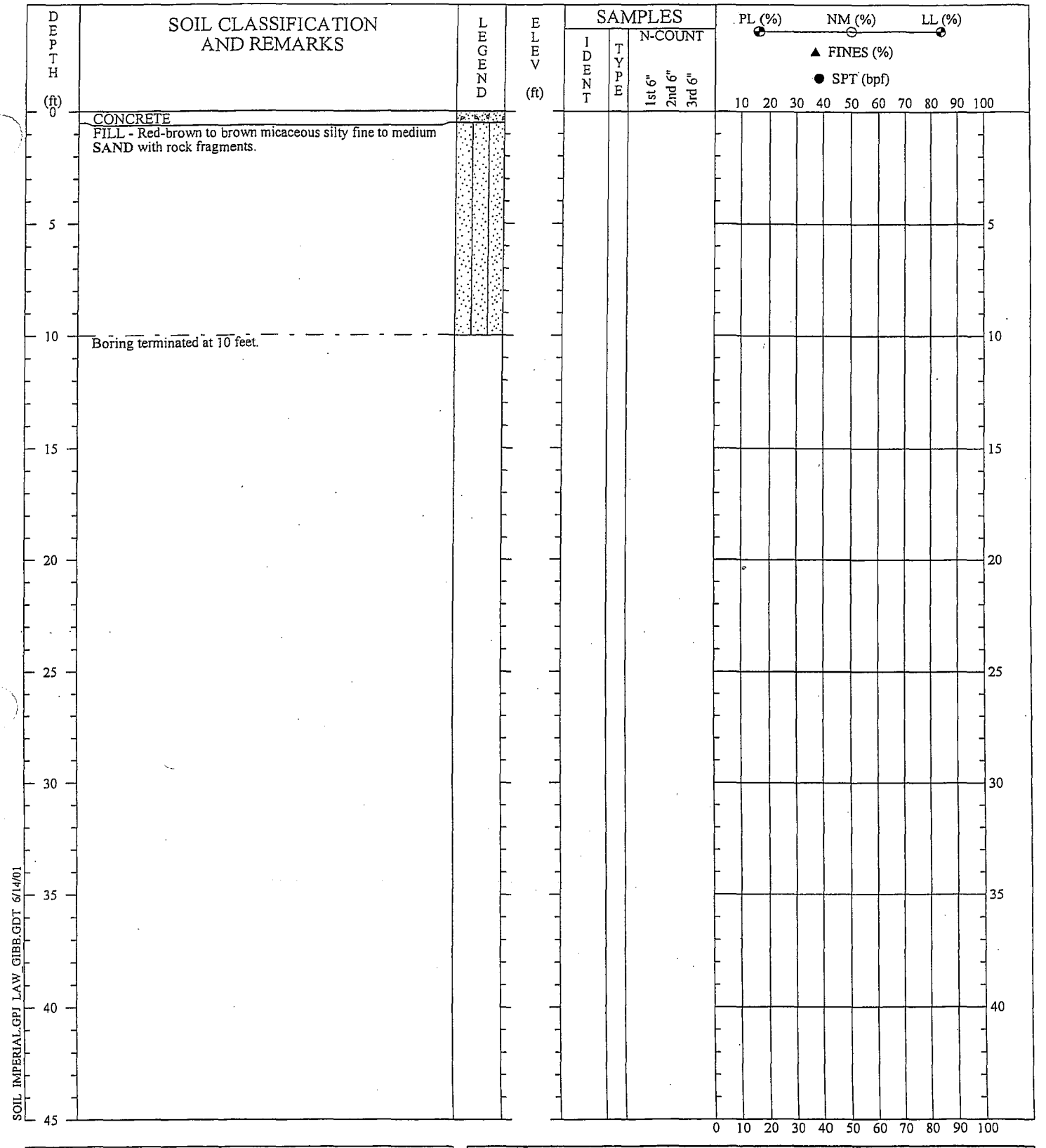
SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO: GP-3
PROJECT: Imperial Cleaners

DRILLED: May 21, 2001
PROJECT No: 12110-1-0013

LAW
LAWGIBB Group Member



SOIL IMPERIAL.GPJ LAW_GIBB.GDT 6/14/01

DRILLER:	ESN Southeast
EQUIPMENT:	Geoprobe
METHOD:	Direct Push
HOLE DIA.:	1.5"
REMARKS:	No groundwater encountered.

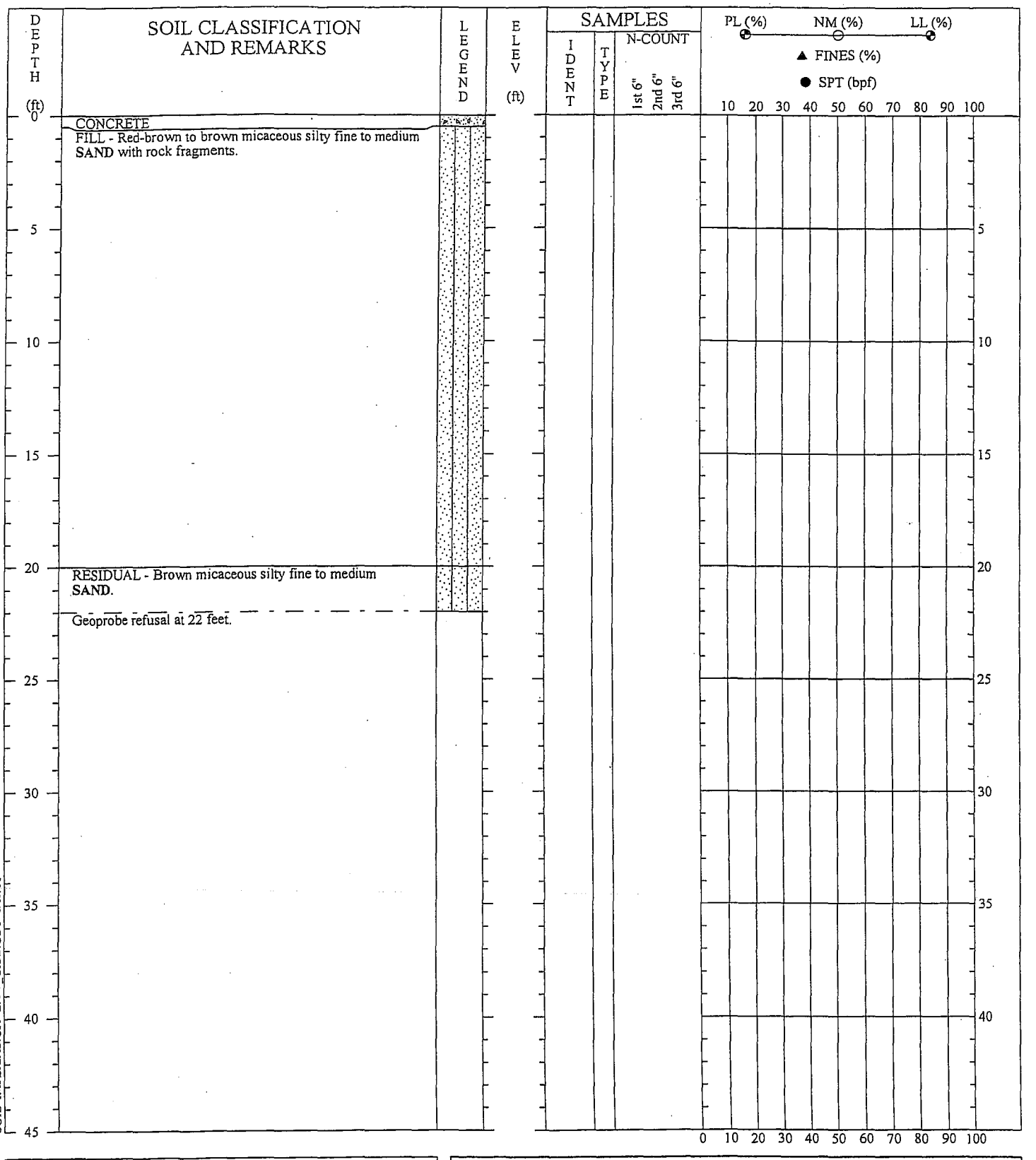
SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO: GP-4
PROJECT: Imperial Cleaners

DRILLED: May 21, 2001
PROJECT No: 12110-1-0013

LAW
LAWGIBB Group Member



SOIL_IMPERIAL.GPJ LAW_GIBB.GDT 6/15/01

DRILLER: ESN Southeast
EQUIPMENT: Geoprobe
METHOD: Direct Push
HOLE DIA.: 1.5"
REMARKS: Geoprobe refusal at 22 feet. No groundwater encountered.

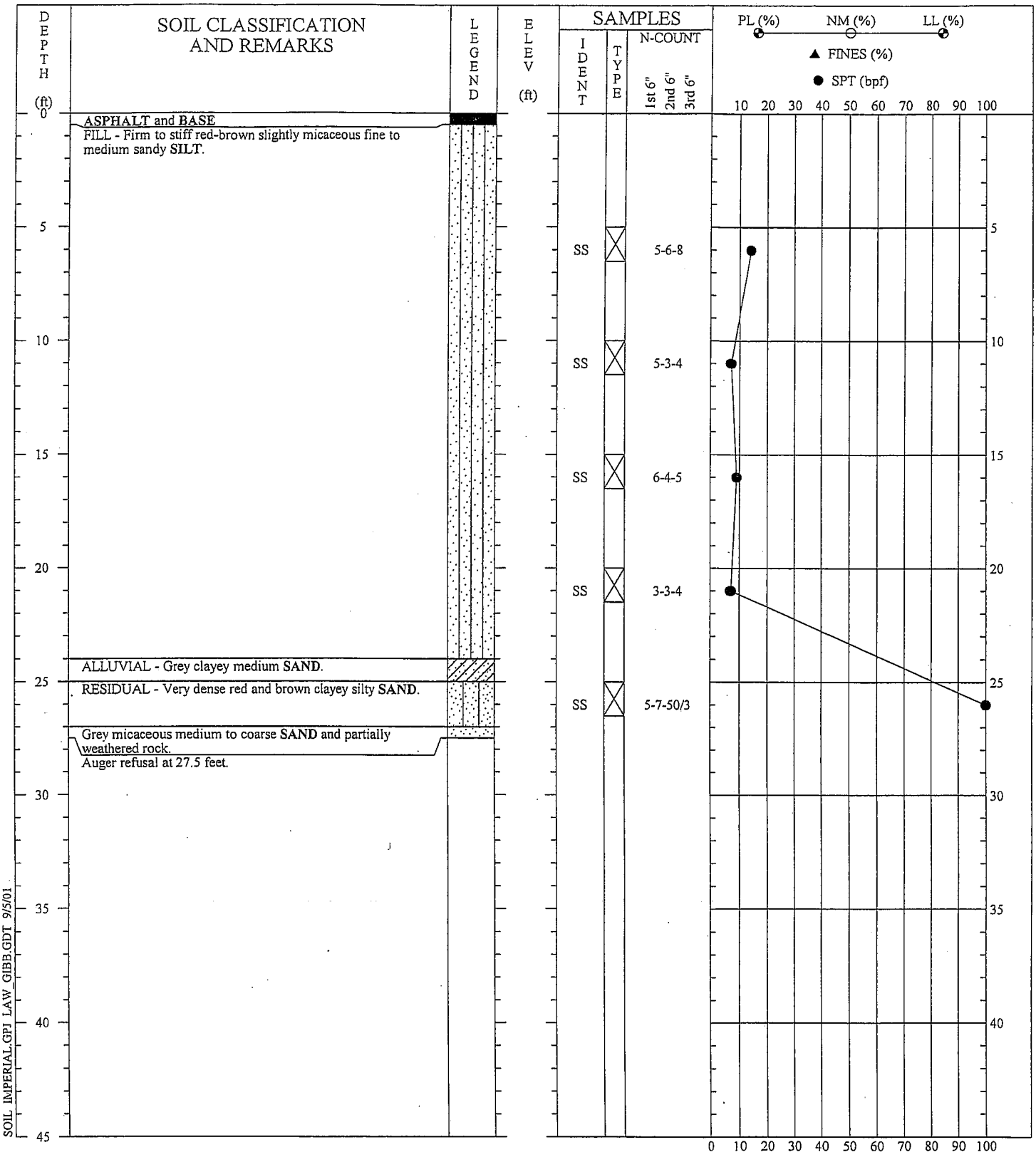
SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO: GP-5
PROJECT: Imperial Cleaners

DRILLED: May 21, 2001
PROJECT No: 12110-1-0013

LAW
LAWGIBB Group Member



SOIL IMPERIAL.GPJ LAW_GIBB.GDT 9/5/01

DRILLER: Oglesby
EQUIPMENT: CME 75
METHOD: Hollow Stem Auger
HOLE DIA.: 8"
REMARKS: Auger refusal at 27.5 feet. No groundwater encountered.

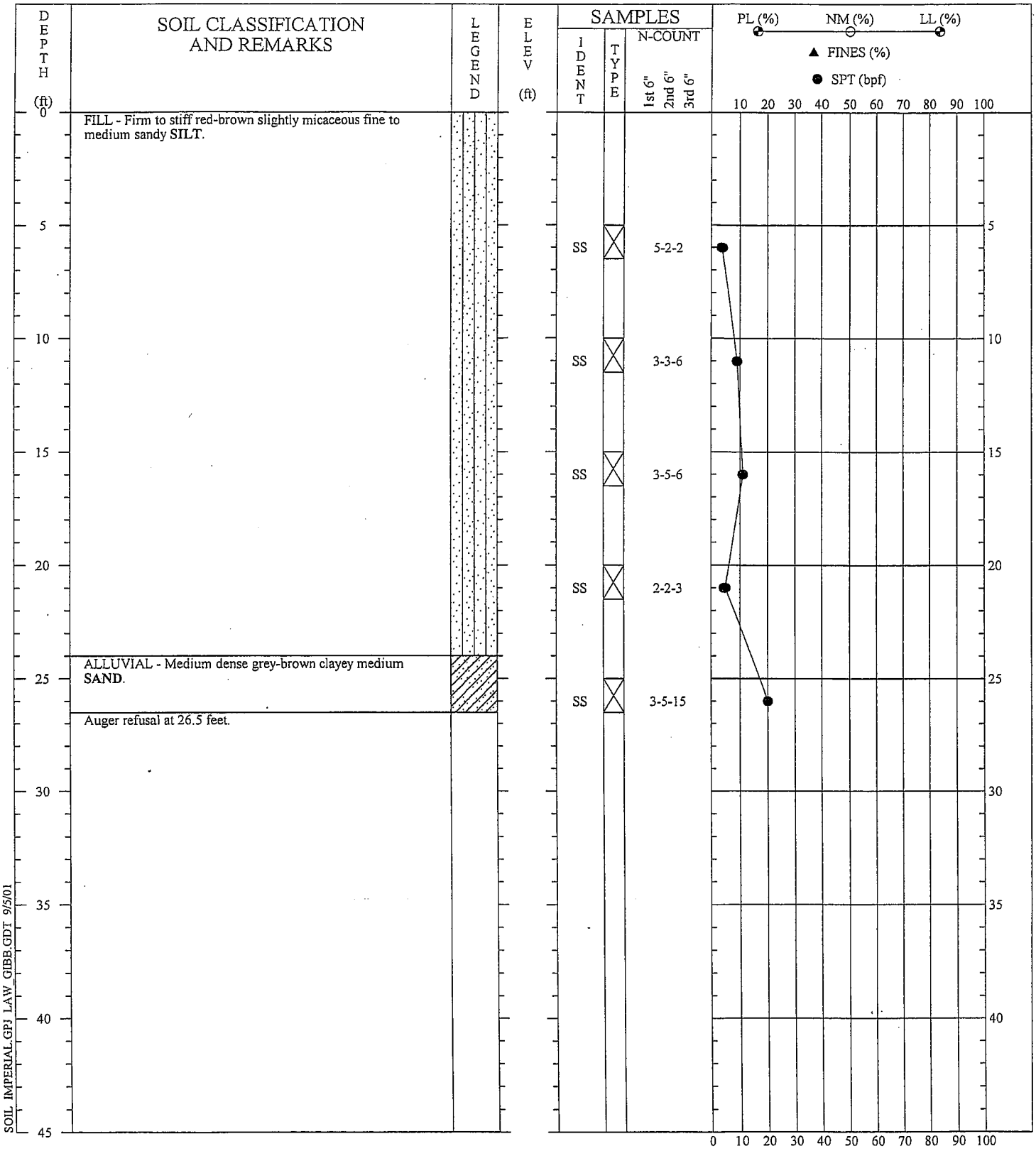
SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO: SB-7
PROJECT: Imperial Cleaners

DRILLED: August 7, 2001
PROJECT No: 12110-1-0013 PAGE 1 OF 1

LAW
LAWGIBB Group Member



SOIL IMPERIAL.GPJ LAW GIBB.GDT 9/5/01

DRILLER:	Oglesby
EQUIPMENT:	CME 75
METHOD:	Hollow Stem Auger
HOLE DIA.:	8"
REMARKS:	Auger refusal at 26.5 feet. No groundwater encounter.

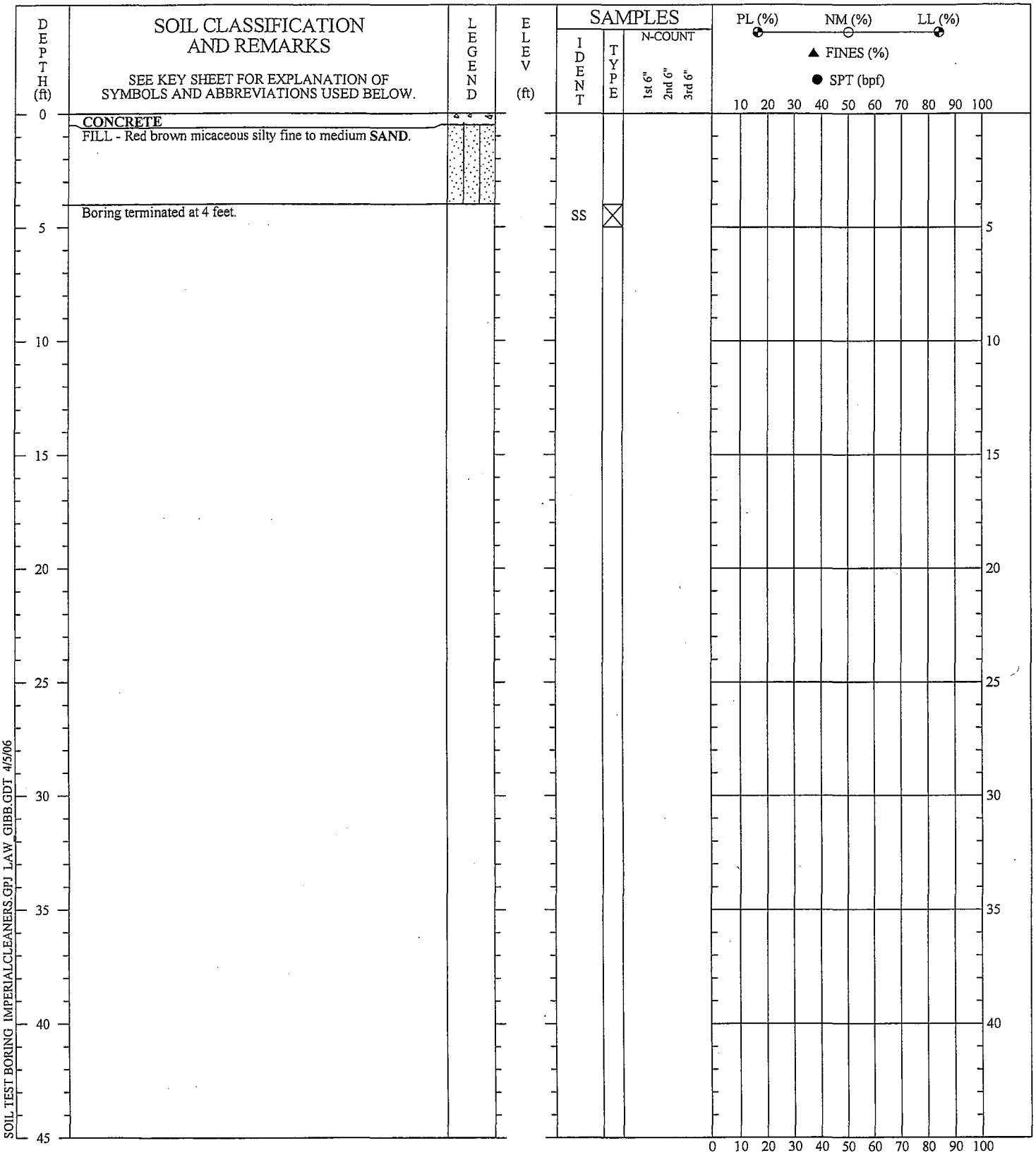
SEE KEY SHEET FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS USED ABOVE.

SOIL TEST BORING RECORD

BORING NO: SB-8
PROJECT: Imperial Cleaners

DRILLED: August 8, 2001
PROJECT No: 12110-1-0013 PAGE 1 OF 1

LAW
LAWGIBB Group Member



SOIL TEST BORING IMPERIALCLEANERS.GPJ LAW_GIBB.GDT 4/5/06

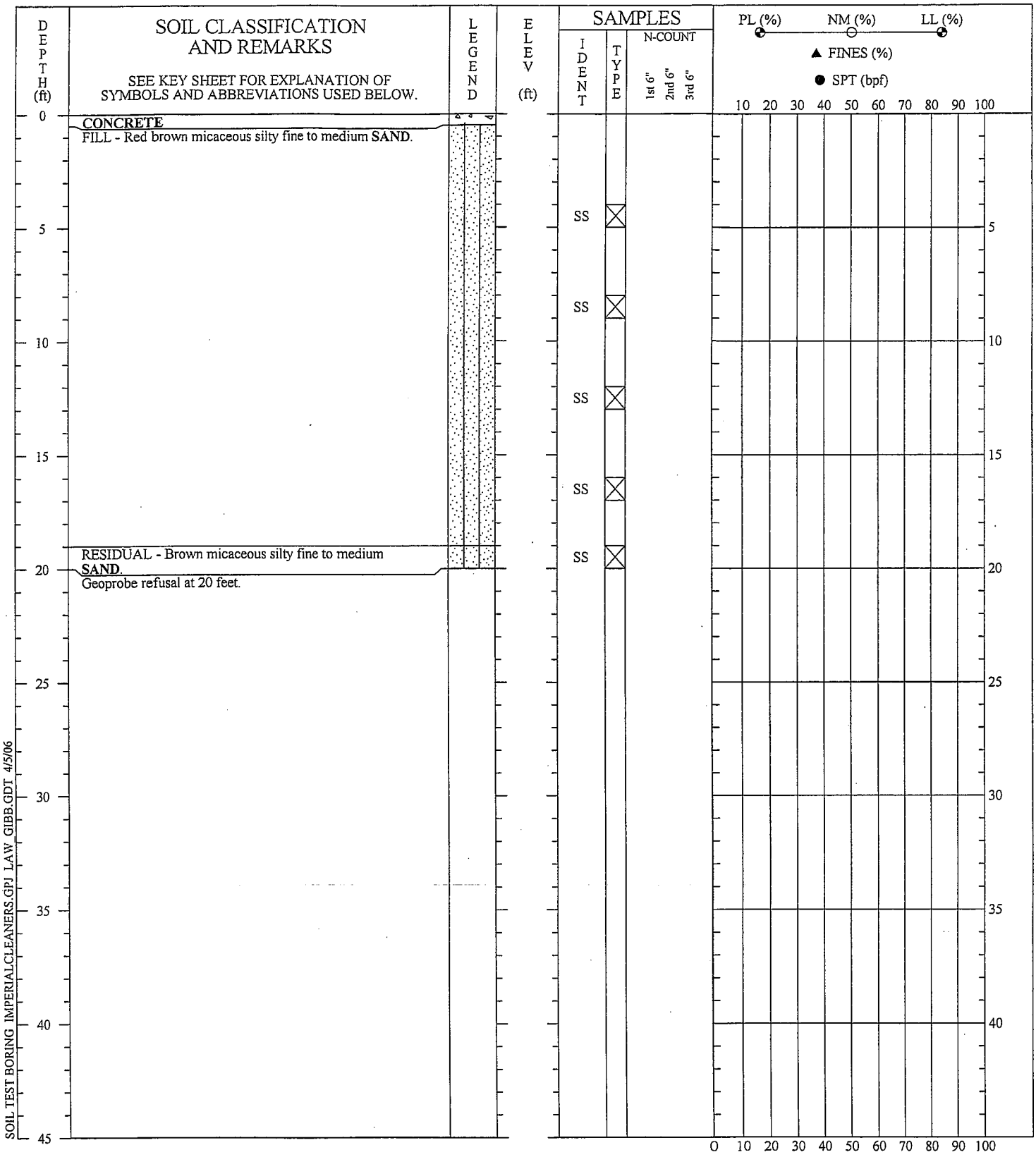
DRILLER:	MACTEC-Paul Gazzo
EQUIPMENT:	Hand Auger
METHOD:	Hand Auger
HOLE DIA.:	3 inches
REMARKS:	

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.:	SB-10
PROJECT:	Imperial Cleaners
LOCATION:	Atlanta, Georgia
DRILLED:	January 27, 2006
PROJECT NO.:	6305-05-0319

MACTEC



SOIL TEST BORING IMPERIALCLEANERS.GPJ LAW_GIBB.GDT 4/5/06

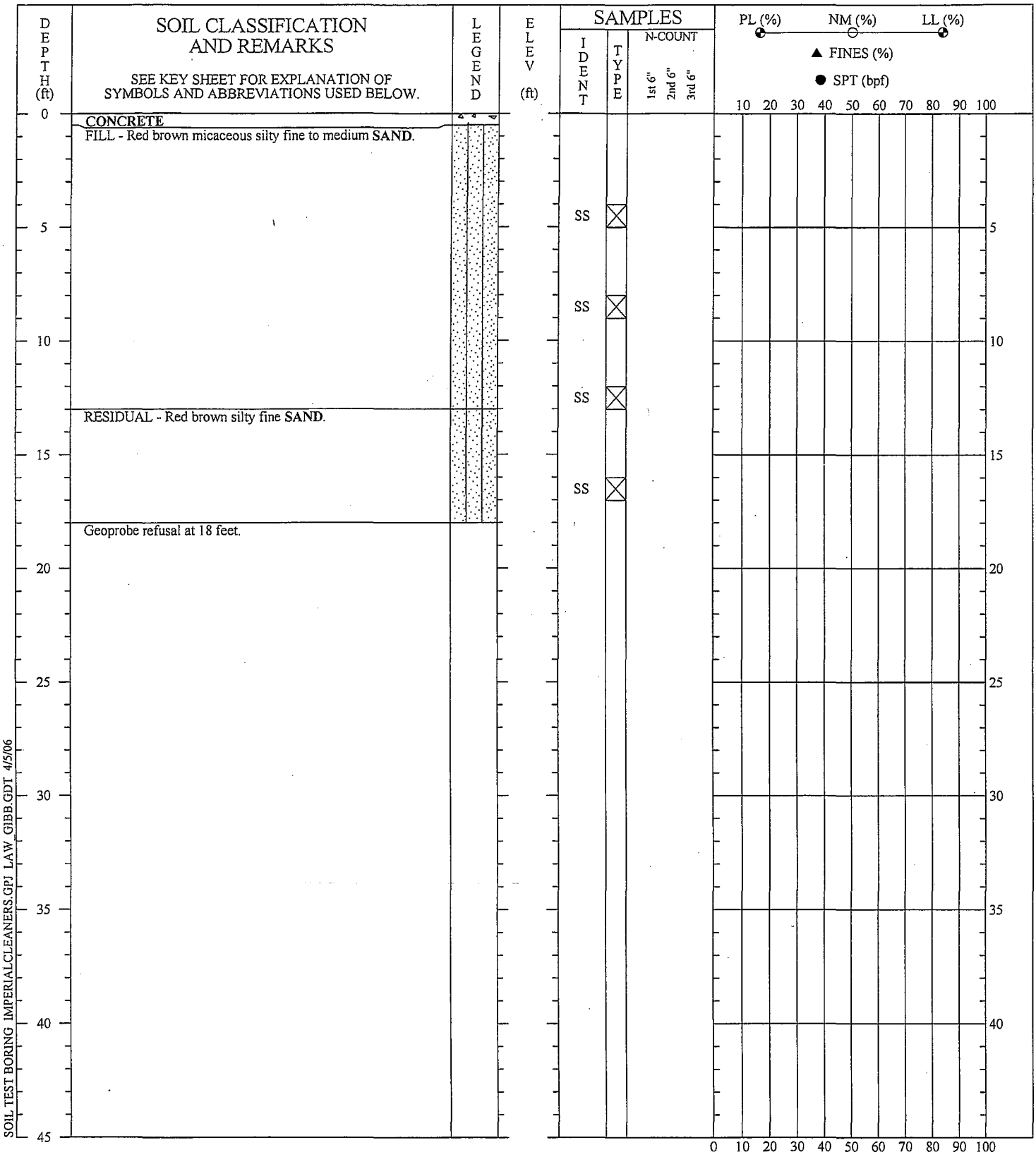
DRILLER:	ATLAS GeoSampling
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	Geoprobe refusal at 20 feet. No groundwater encountered.

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.: SB-11
PROJECT: Imperial Cleaners
LOCATION: Atlanta, Georgia
DRILLED: January 27, 2006
PROJECT NO.: 6305-05-0319

MACTEC



SOIL TEST BORING IMPERIALCLEANERS.GPJ LAW_GIBB.GDT 4/5/06

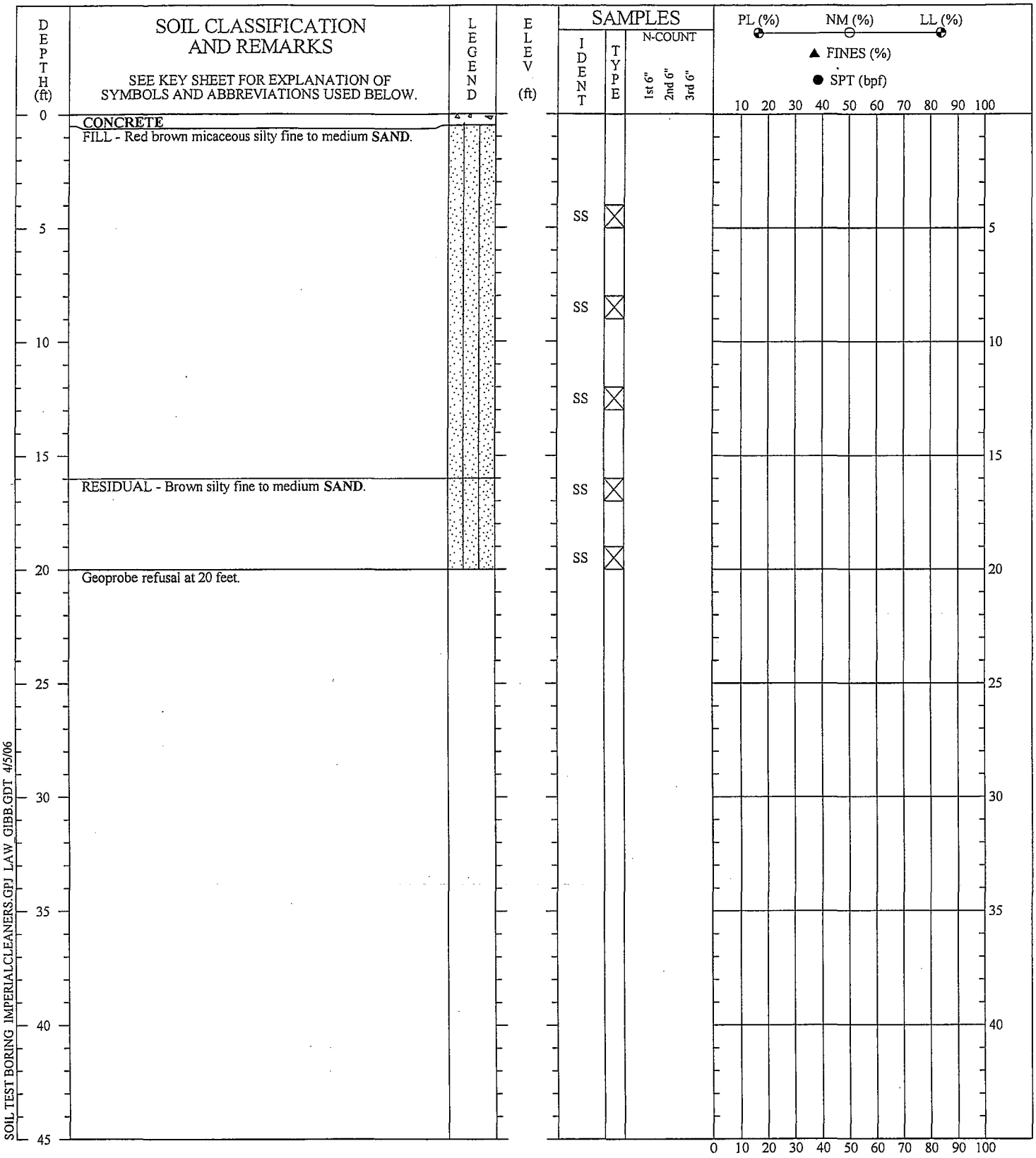
DRILLER:	ATLAS GeoSampling
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	Geoprobe refusal at 18 feet. No groundwater encountered.

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.:	SB-12
PROJECT:	Imperial Cleaners
LOCATION:	Atlanta, Georgia
DRILLED:	January 27, 2006
PROJECT NO.:	6305-05-0319

MACTEC



SOIL TEST BORING IMPERIALCLEANERS.GPJ LAW_GIBB.GDT 4/5/06

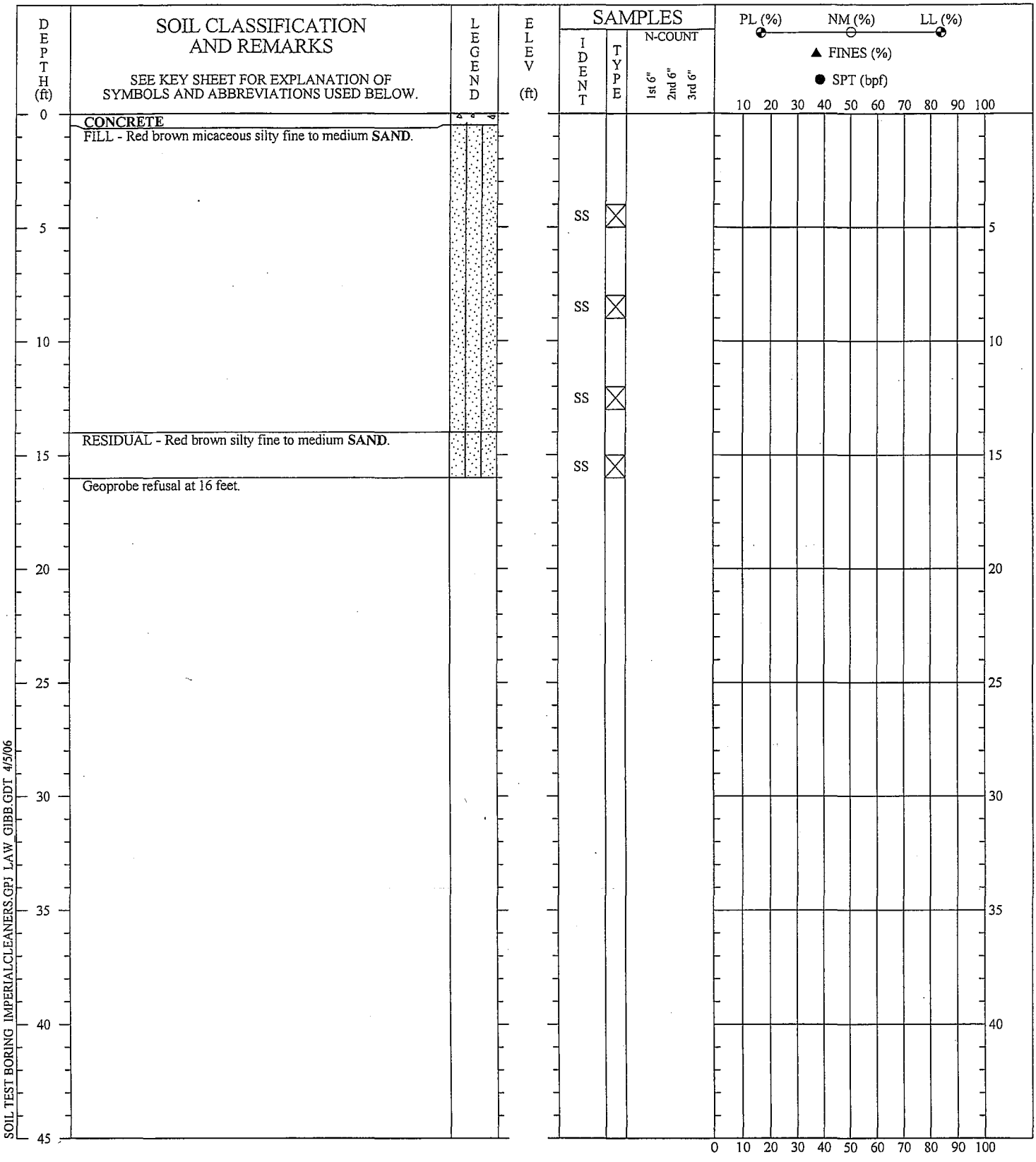
DRILLER:	ATLAS GeoSampling
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	Geoprobe refusal at 20 feet. No groundwater encountered.

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.:	SB-13
PROJECT:	Imperial Cleaners
LOCATION:	Atlanta, Georgia
DRILLED:	January 28, 2006
PROJECT NO.:	6305-05-0319

MACTEC



SOIL TEST BORING IMPERIALCLEANERS.GPJ LAW_GIBB.GDT 4/5/06

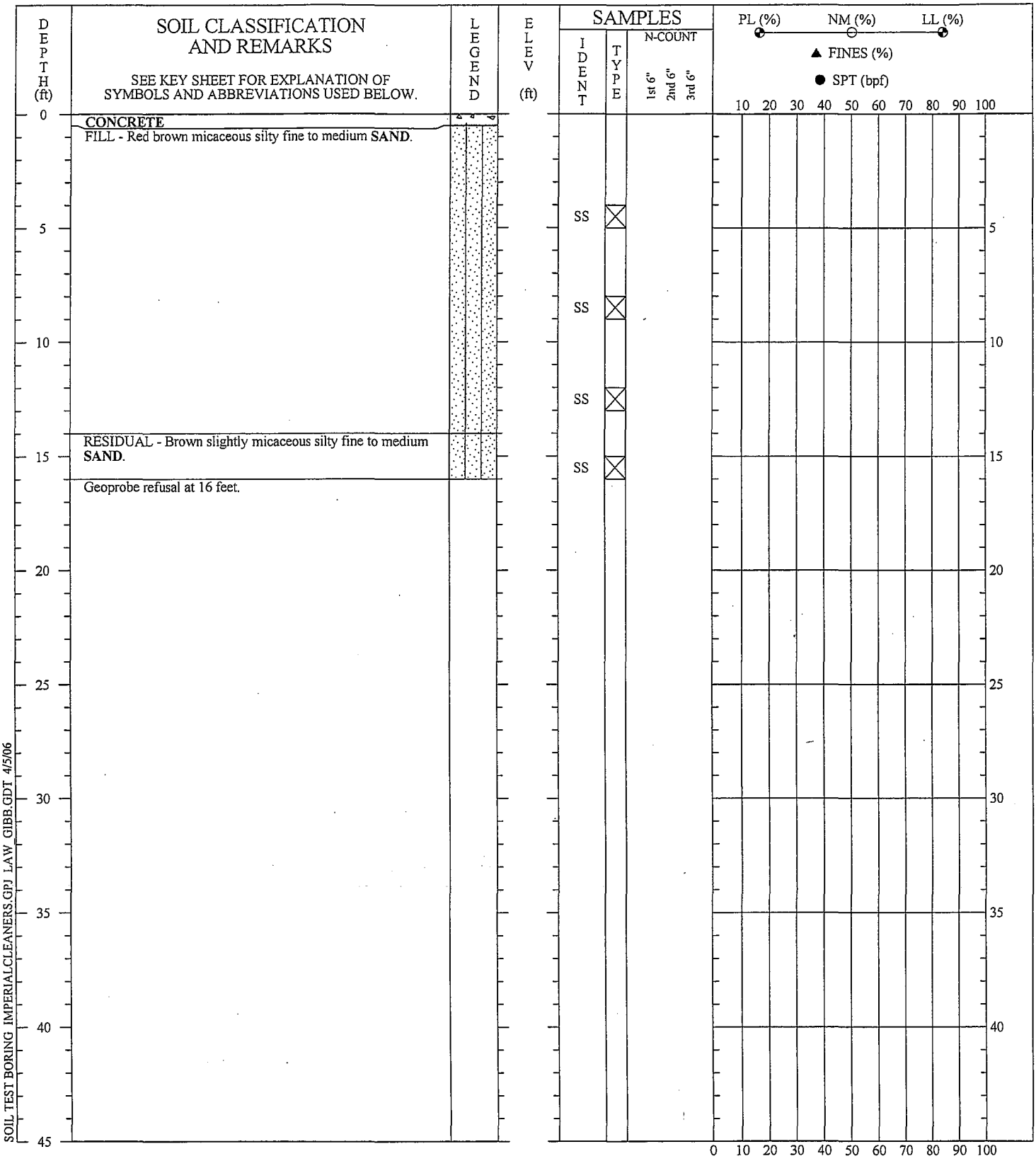
DRILLER:	ATLAS GeoSampling
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	Geoprobe refusal at 16 feet. No groundwater encountered.

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.:	SB-16
PROJECT:	Imperial Cleaners
LOCATION:	Atlanta, Georgia
DRILLED:	January 28, 2006
PROJECT NO.:	6305-05-0319

MACTEC



SOIL TEST BORING IMPERIALCLEANERS.GPJ LAW_GIBB.GDT 4/5/06

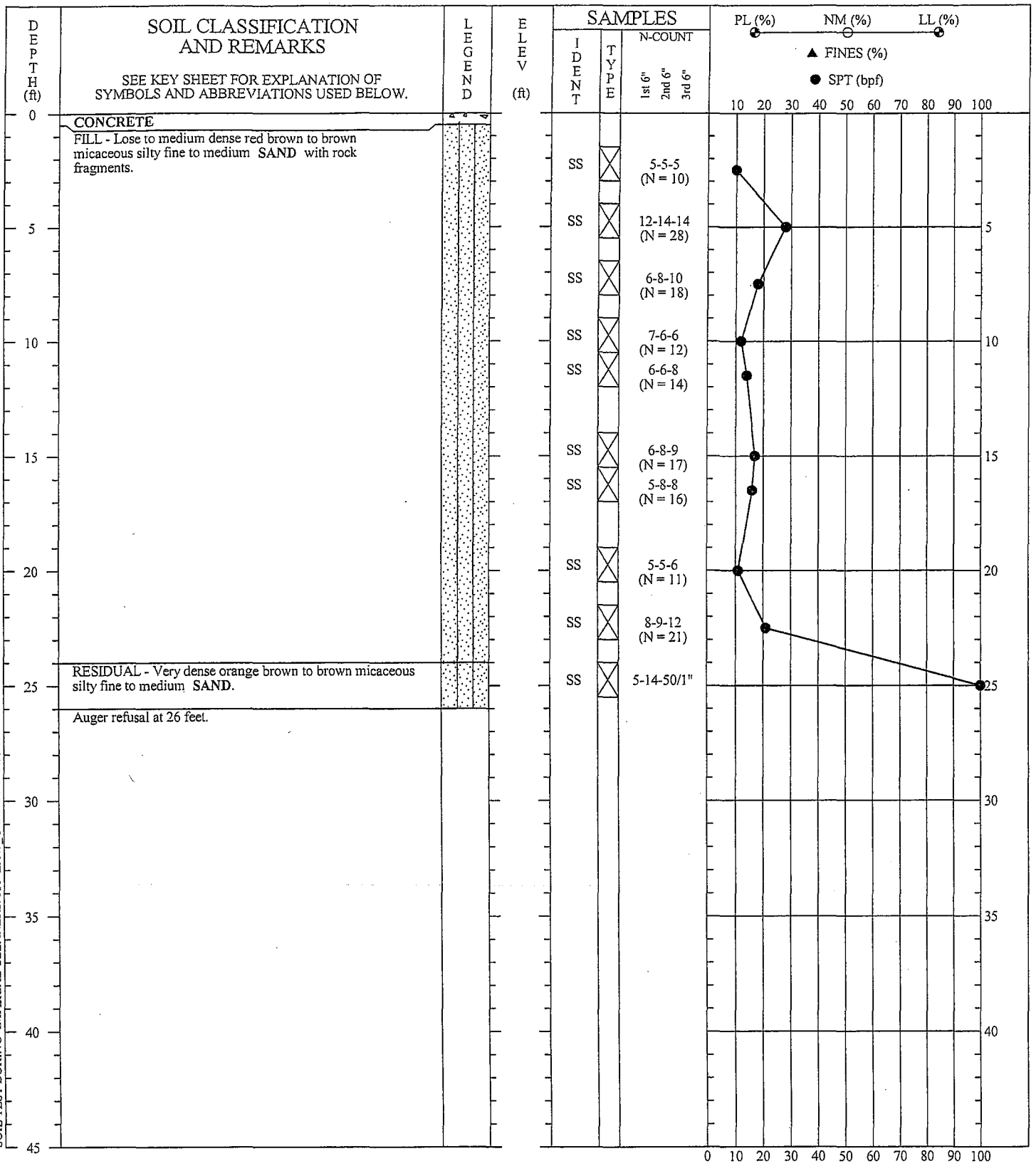
DRILLER:	ATLAS GeoSampling
EQUIPMENT:	GeoProbe
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	Geoprobe refusal at 16 feet. No groundwater encountered.

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.:	SB-17
PROJECT:	Imperial Cleaners
LOCATION:	Atlanta, Georgia
DRILLED:	January 28, 2006
PROJECT NO.:	6305-05-0319

MACTEC



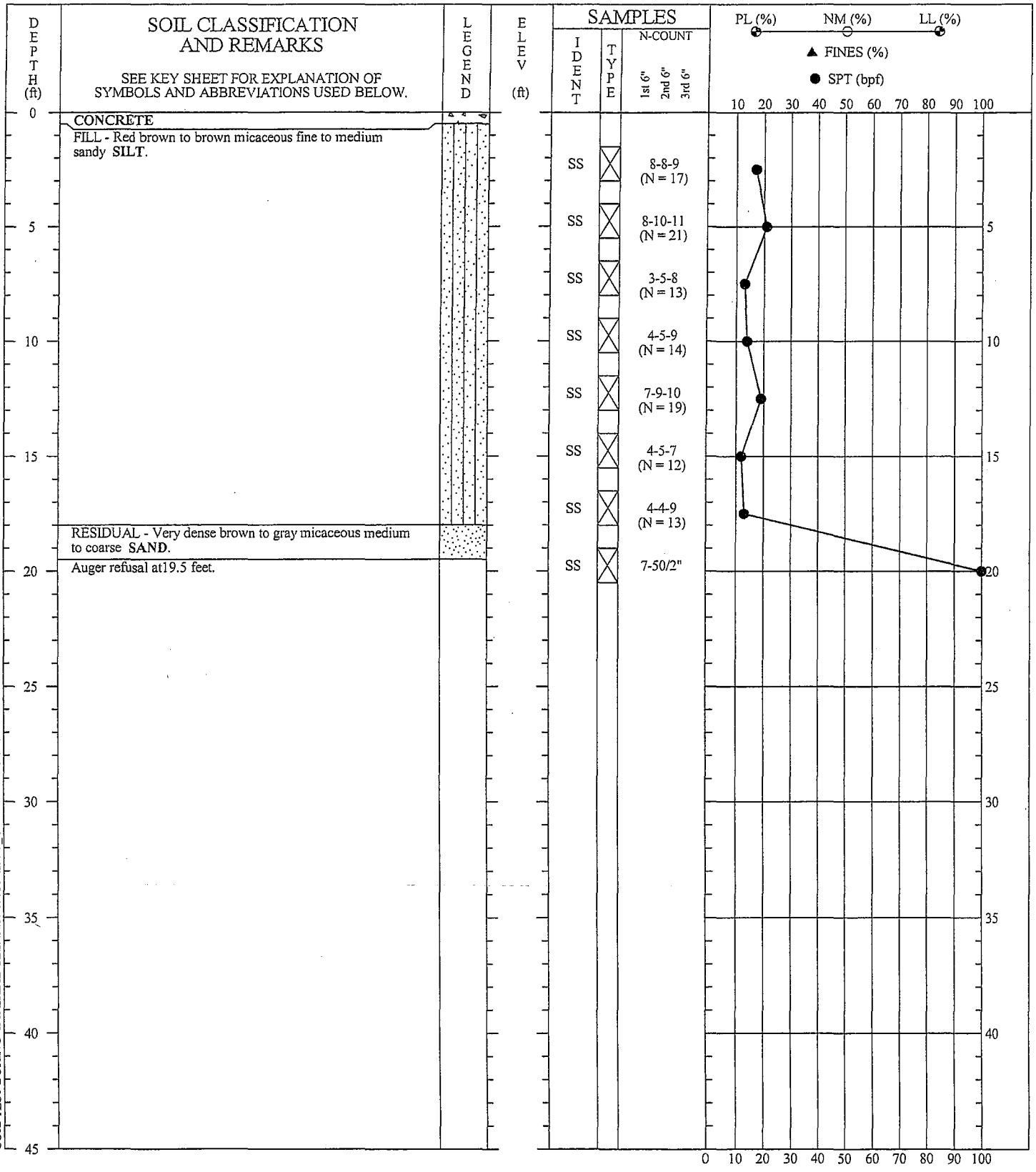
DRILLER:	Piedmont Environmental Drilling
EQUIPMENT:	Deitrich
METHOD:	Hollow Stem Auger
HOLE DIA.:	8 inches
REMARKS:	No groundwater encountered.

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.:	SB-21
PROJECT:	Imperial Cleaners
LOCATION:	Roswell, GA
DRILLED:	August 13, 2009
PROJECT NO.:	6305-05-0319

MACTEC



SOIL TEST BORING IMPERIAL CLEANERS.GPJ LAW_GIBB.GDT 10/6/09

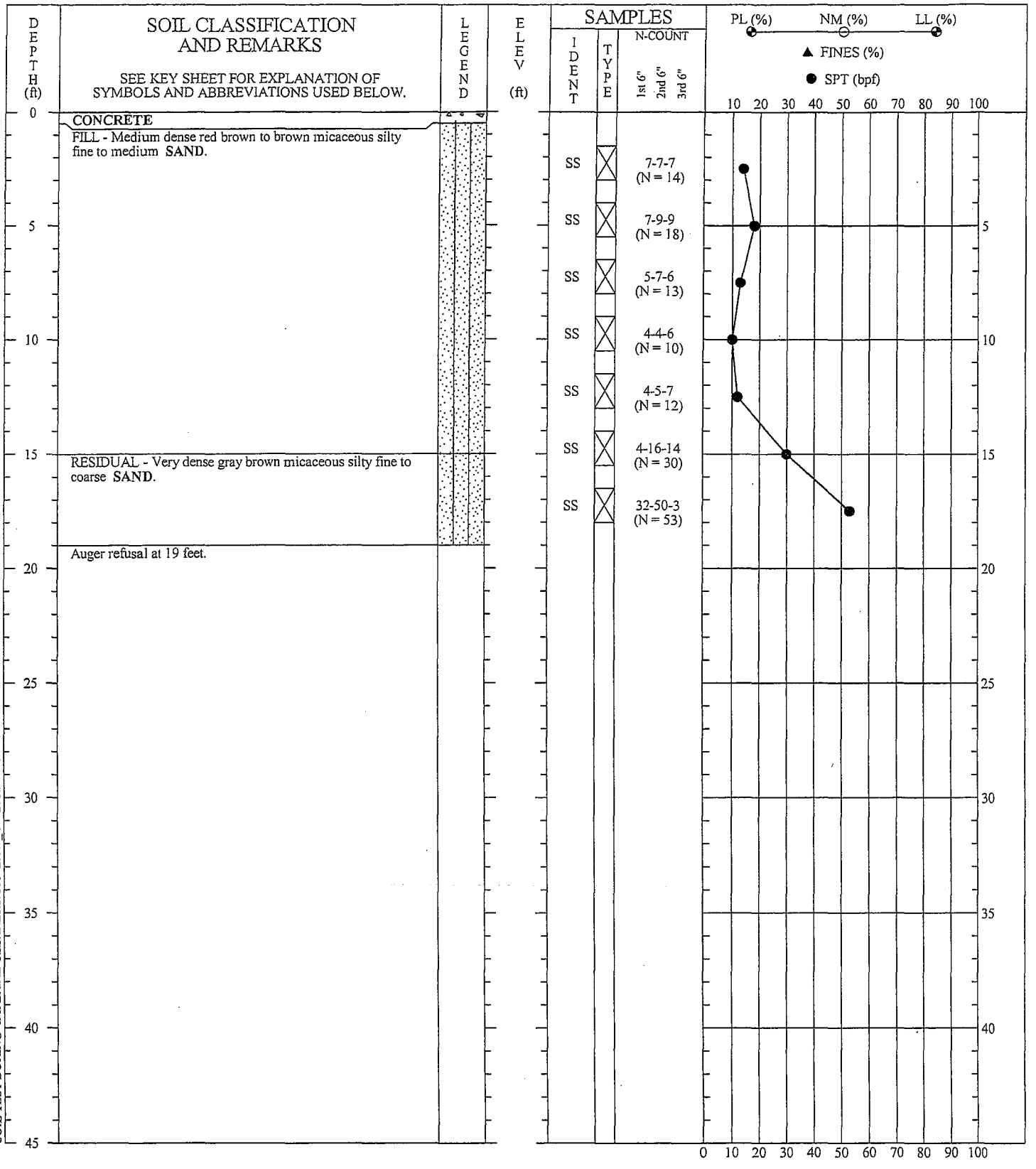
DRILLER:	Piedmont Environmental Drilling
EQUIPMENT:	Deitrich
METHOD:	Hollow Stem Auger
HOLE DIA.:	8 inches
REMARKS:	No groundwater encountered.

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.:	SB-23
PROJECT:	Imperial Cleaners
LOCATION:	Roswell, GA
DRILLED:	August 13, 2009
PROJECT NO.:	6305-05-0319

MACTEC



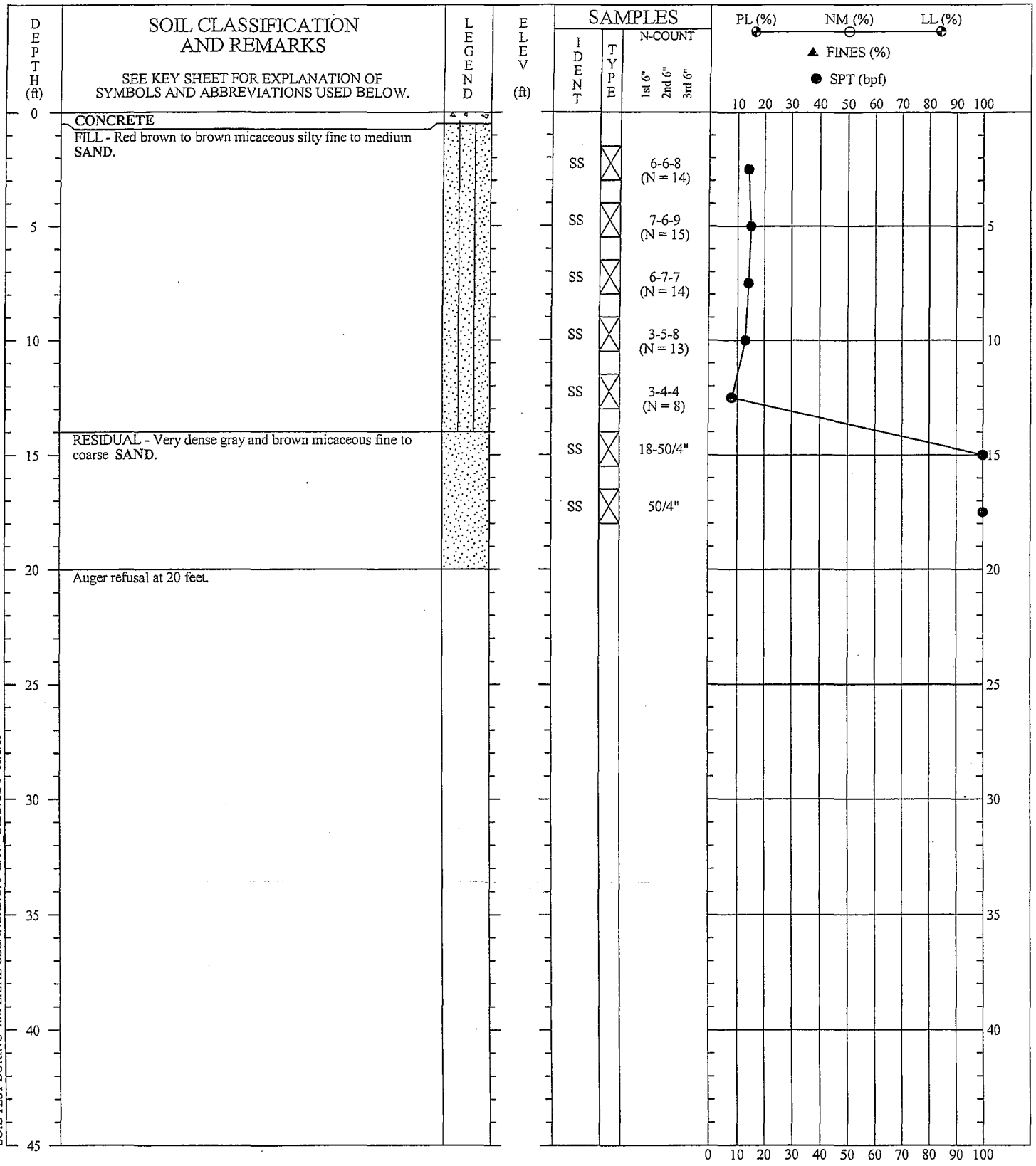
DRILLER:	Piedmont Environmental Drilling
EQUIPMENT:	Deitrich
METHOD:	Hollow Stem Auger
HOLE DIA.:	8 inches
REMARKS:	No groundwater encountered.

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.: SB-24
PROJECT: Imperial Cleaners
LOCATION: Roswell, GA
DRILLED: August 13, 2009
PROJECT NO.: 6305-05-0319

MACTEC



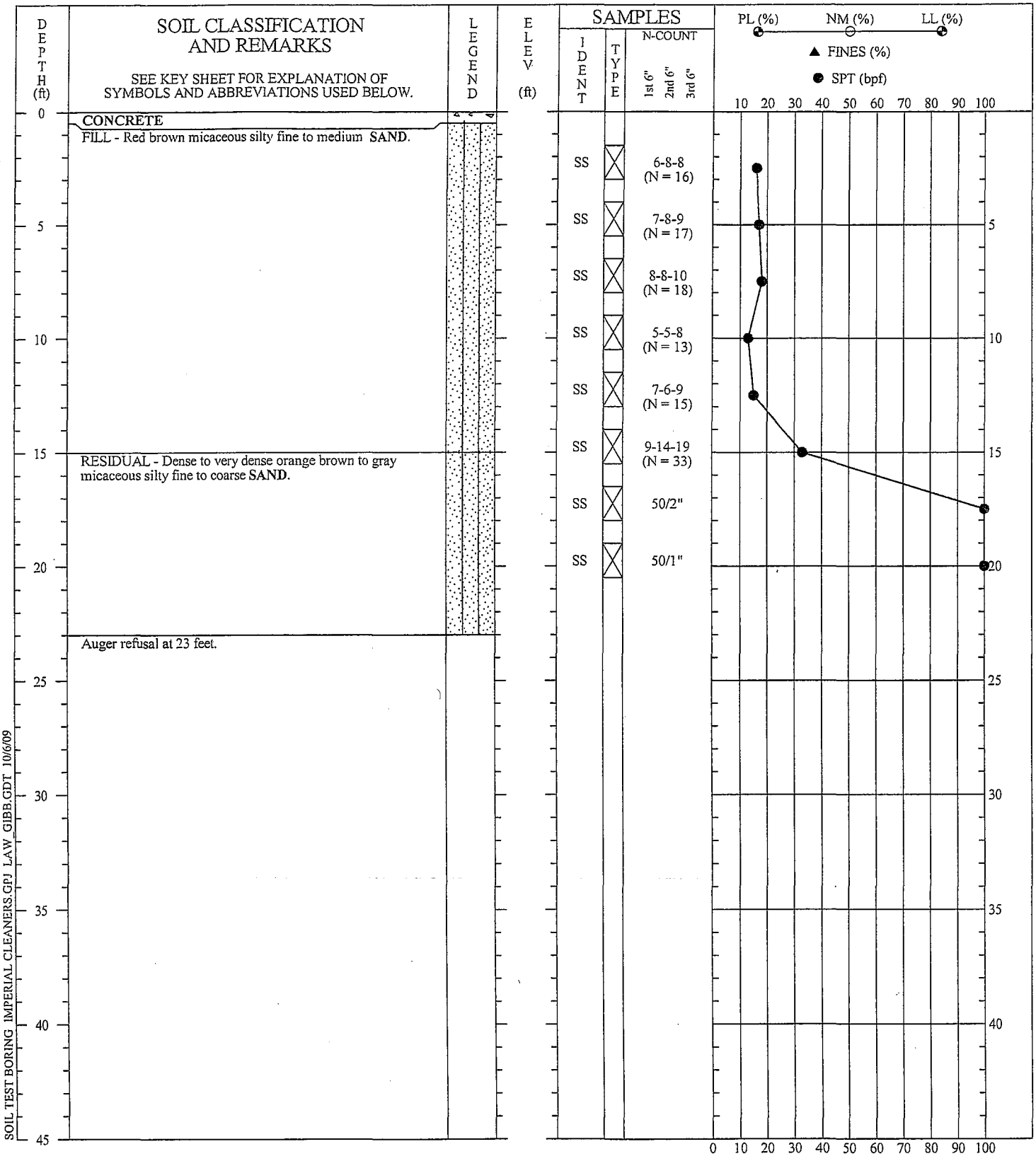
DRILLER:	Piedmont Environmental Drilling
EQUIPMENT:	Deitrich
METHOD:	Hollow Stem Auger
HOLE DIA.:	8 inches
REMARKS:	No groundwater encountered.

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.: SB-25
PROJECT: Imperial Cleaners
LOCATION: Roswell, GA
DRILLED: August 14, 2009
PROJECT NO.: 6305-05-0319

MACTEC



SOIL TEST BORING IMPERIAL CLEANERS.GPJ LAW_GIBB.GDT 10/6/09

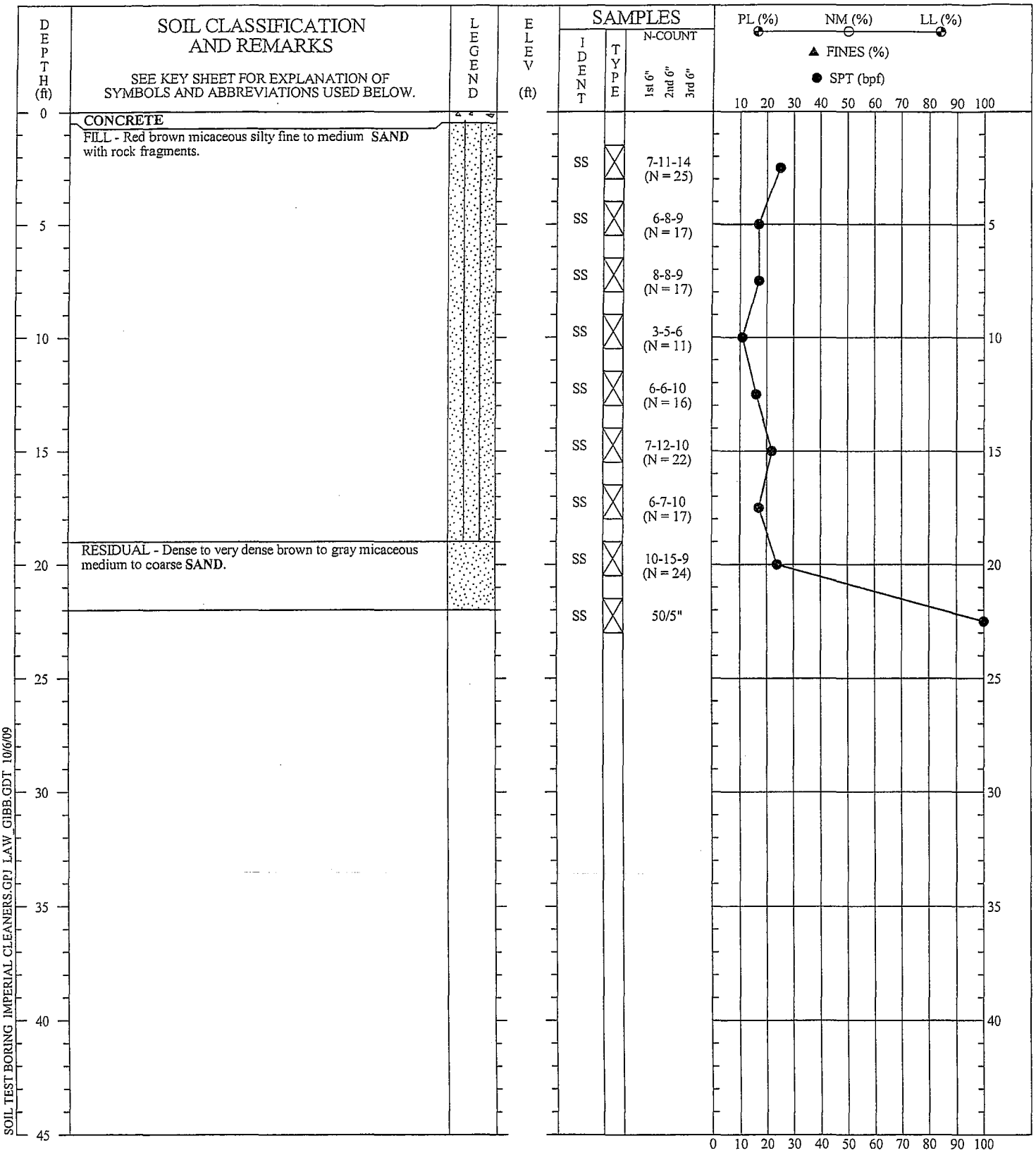
DRILLER:	Piedmont Environmental Drilling
EQUIPMENT:	Deitrich
METHOD:	Hollow Stem Auger
HOLE DIA.:	8 inches
REMARKS:	No groundwater encountered.

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.: SB-27
PROJECT: Imperial Cleaners
LOCATION: Roswell, GA
DRILLED: August 14, 2009
PROJECT NO.: 6305-05-0319

MACTEC



SOIL TEST BORING IMPERIAL CLEANERS.GPJ LAW_GIBB.GDT 10/6/09

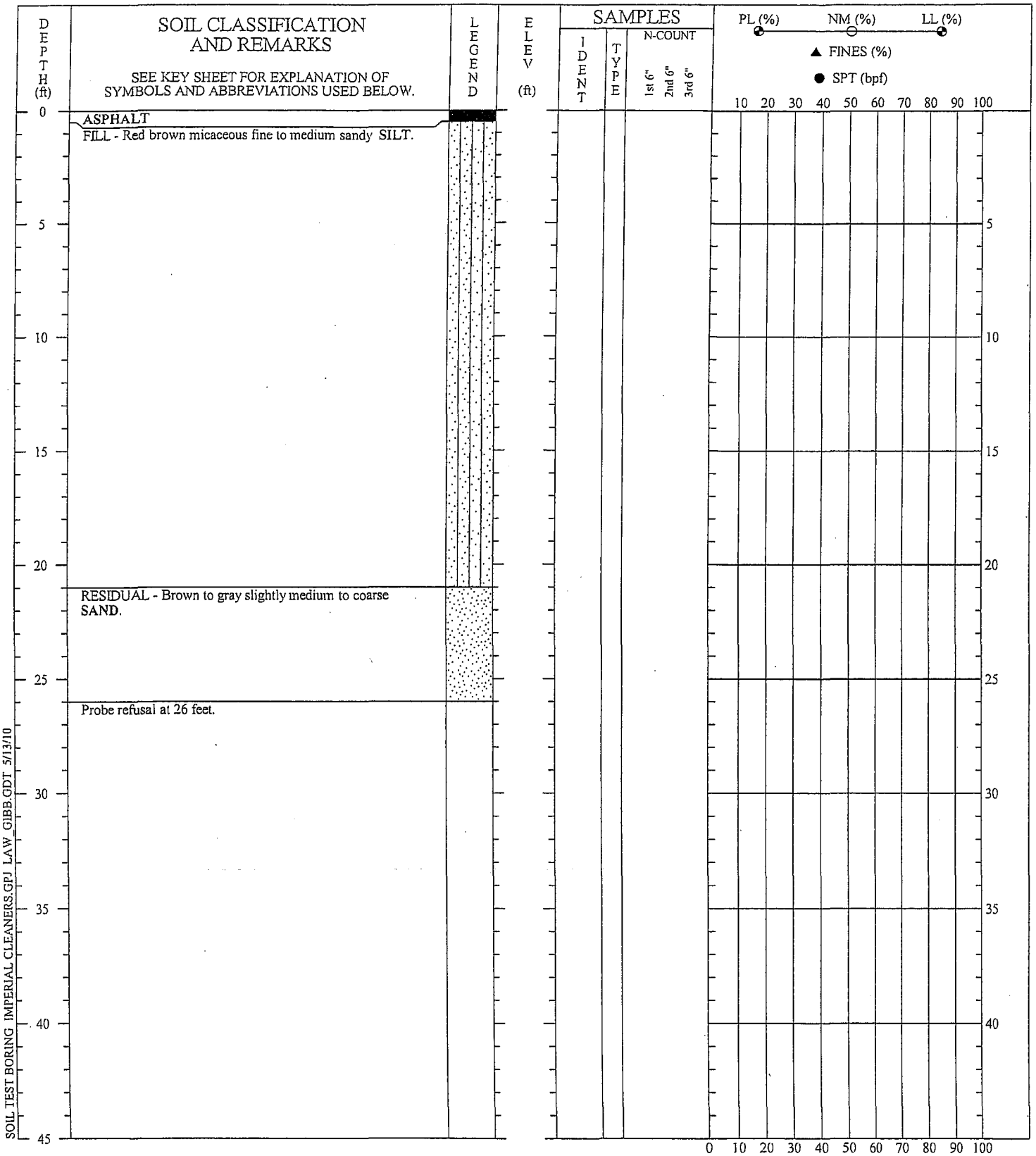
DRILLER:	Piedmont Environmental Drilling
EQUIPMENT:	Deitrich
METHOD:	Hollow Stem Auger
HOLE DIA.:	8 inches
REMARKS:	No groundwater encountered.

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.:	SB-28
PROJECT:	Imperial Cleaners
LOCATION:	Roswell, GA
DRILLED:	August 14, 2009
PROJECT NO.:	6305-05-0319

MACTEC



SOIL TEST BORING IMPERIAL CLEANERS.GPJ LAW_GIBB.GDT 5/13/10

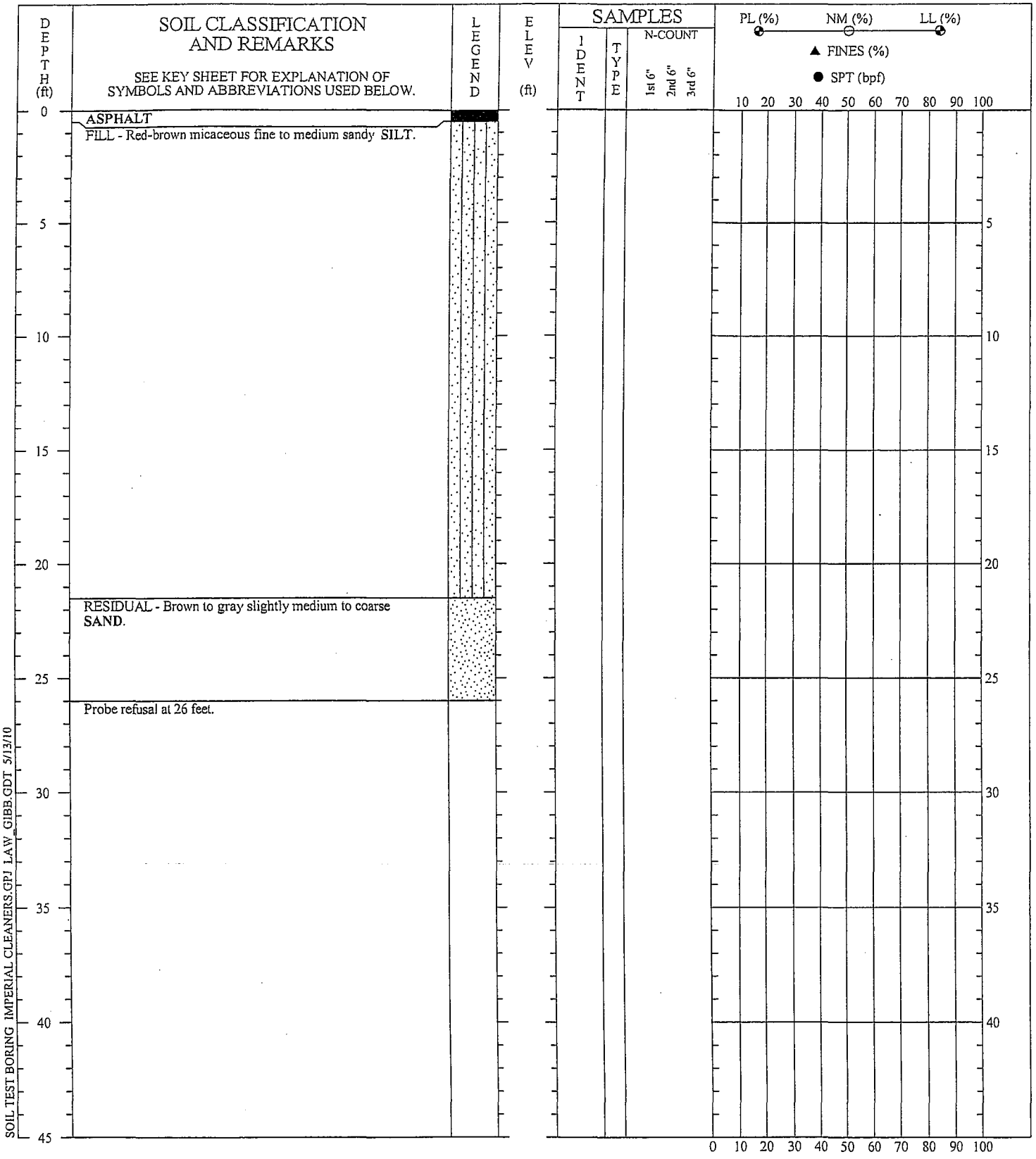
DRILLER:	Atlas GeoSampling
EQUIPMENT:	Power Probe 9100 VTR
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	Groundwater encountered at approximately 24 feet.

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.:	SB-29
PROJECT:	Imperial Cleaners
LOCATION:	Roswell, GA
DRILLED:	March 29, 2010
PROJECT NO.:	6305-05-0319

MACTEC



SOIL TEST BORING IMPERIAL CLEANERS.GPJ LAW_GIBB.GDT 5/13/10

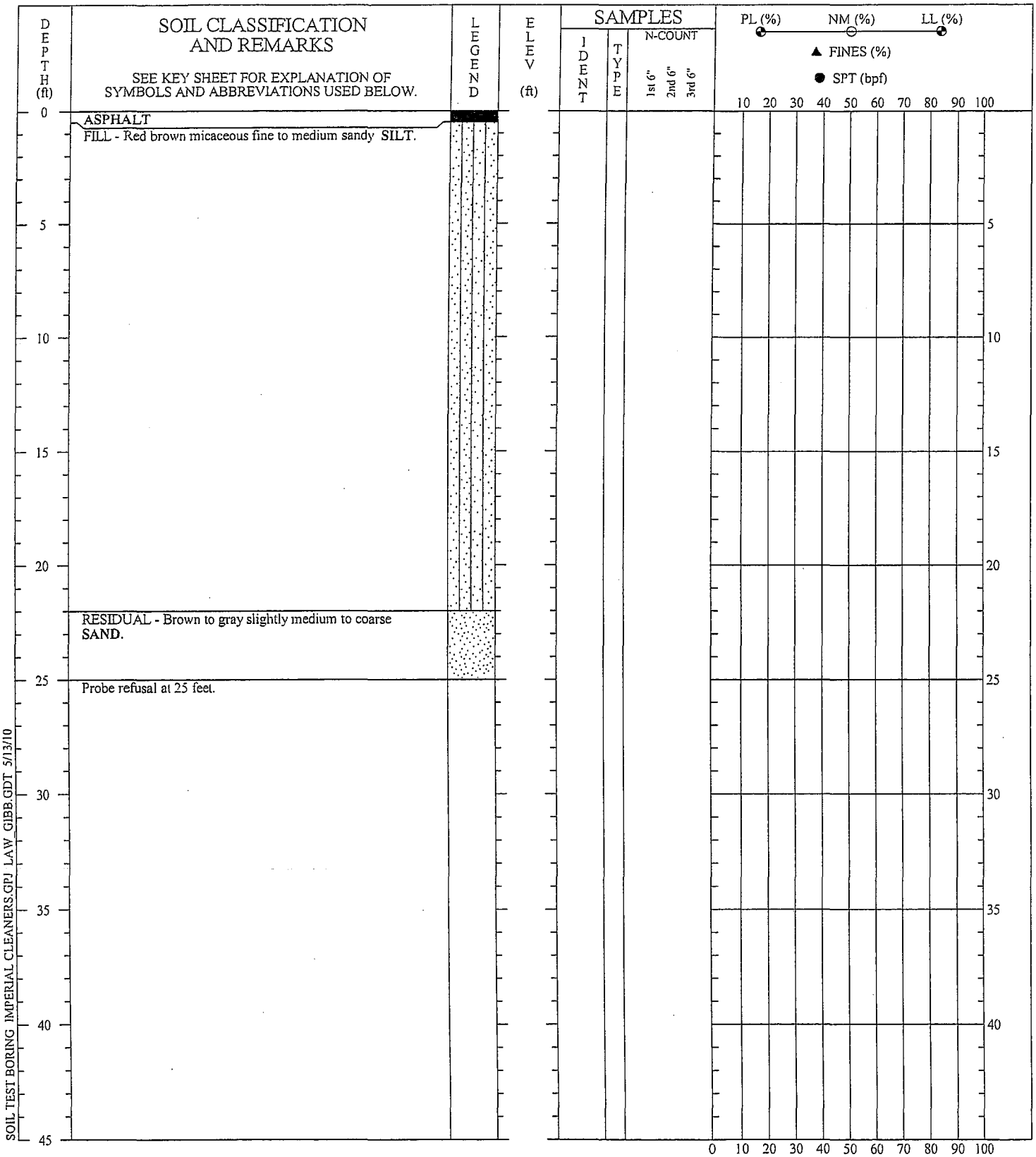
DRILLER:	Atlas GeoSampling
EQUIPMENT:	Power Probe 9100 VTR
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	Groundwater encountered at approximately 24 feet.

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.:	SB-30
PROJECT:	Imperial Cleaners
LOCATION:	Roswell, GA
DRILLED:	March 29, 2010
PROJECT NO.:	6305-05-0319

MACTEC



SOIL TEST BORING IMPERIAL CLEANERS.GPJ LAW_GIBB.GDT 5/13/10

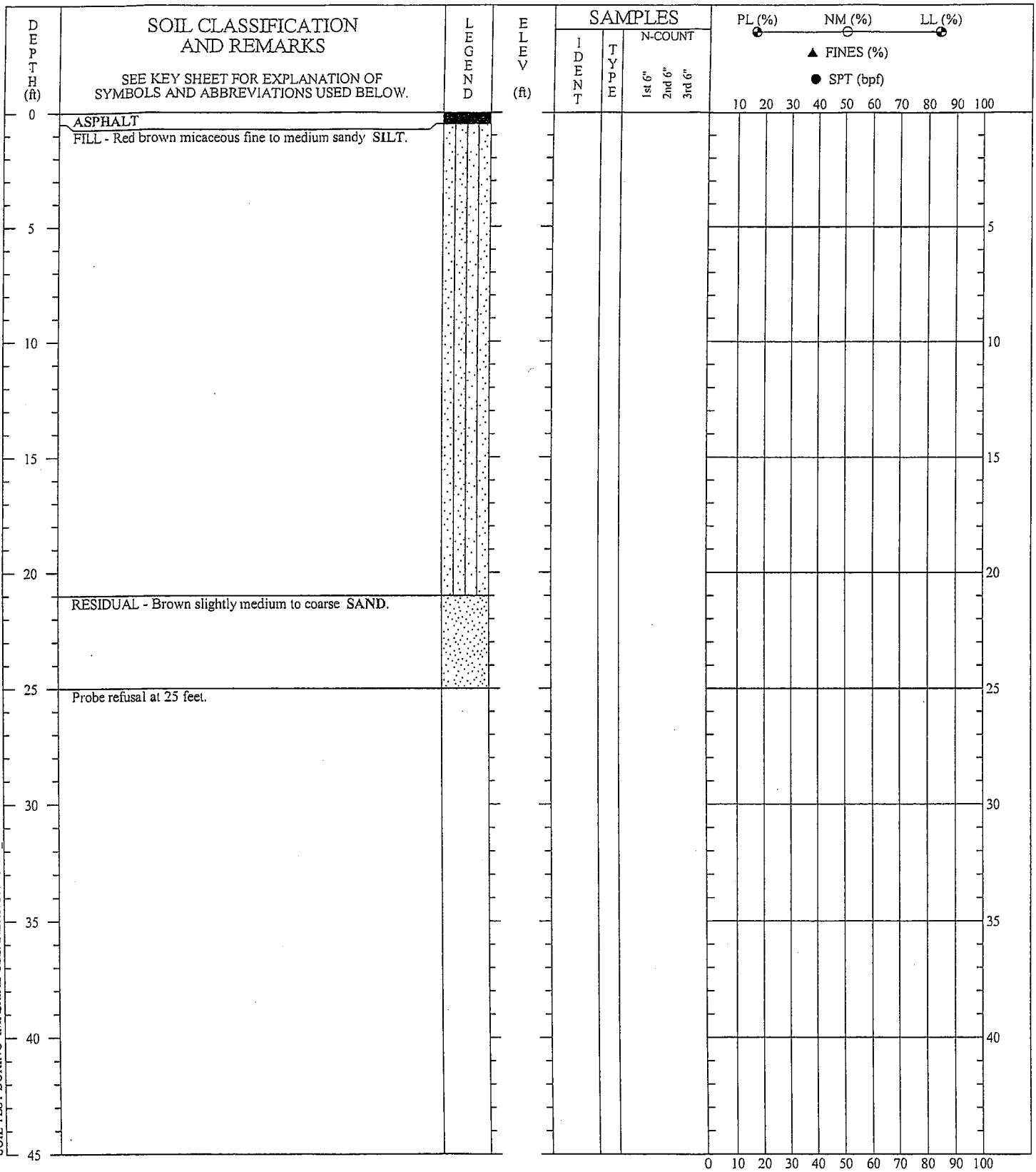
DRILLER:	Atlas GeoSampling
EQUIPMENT:	Power Probe 9100 VTR
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	Groundwater encountered at approximately 24 feet.

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.:	SB-31
PROJECT:	Imperial Cleaners
LOCATION:	Roswell, GA
DRILLED:	March 29, 2010
PROJECT NO.:	6305-05-0319

MACTEC



SOIL TEST BORING IMPERIAL CLEANERS.GPJ LAW_GIBB.GDT 5/13/10

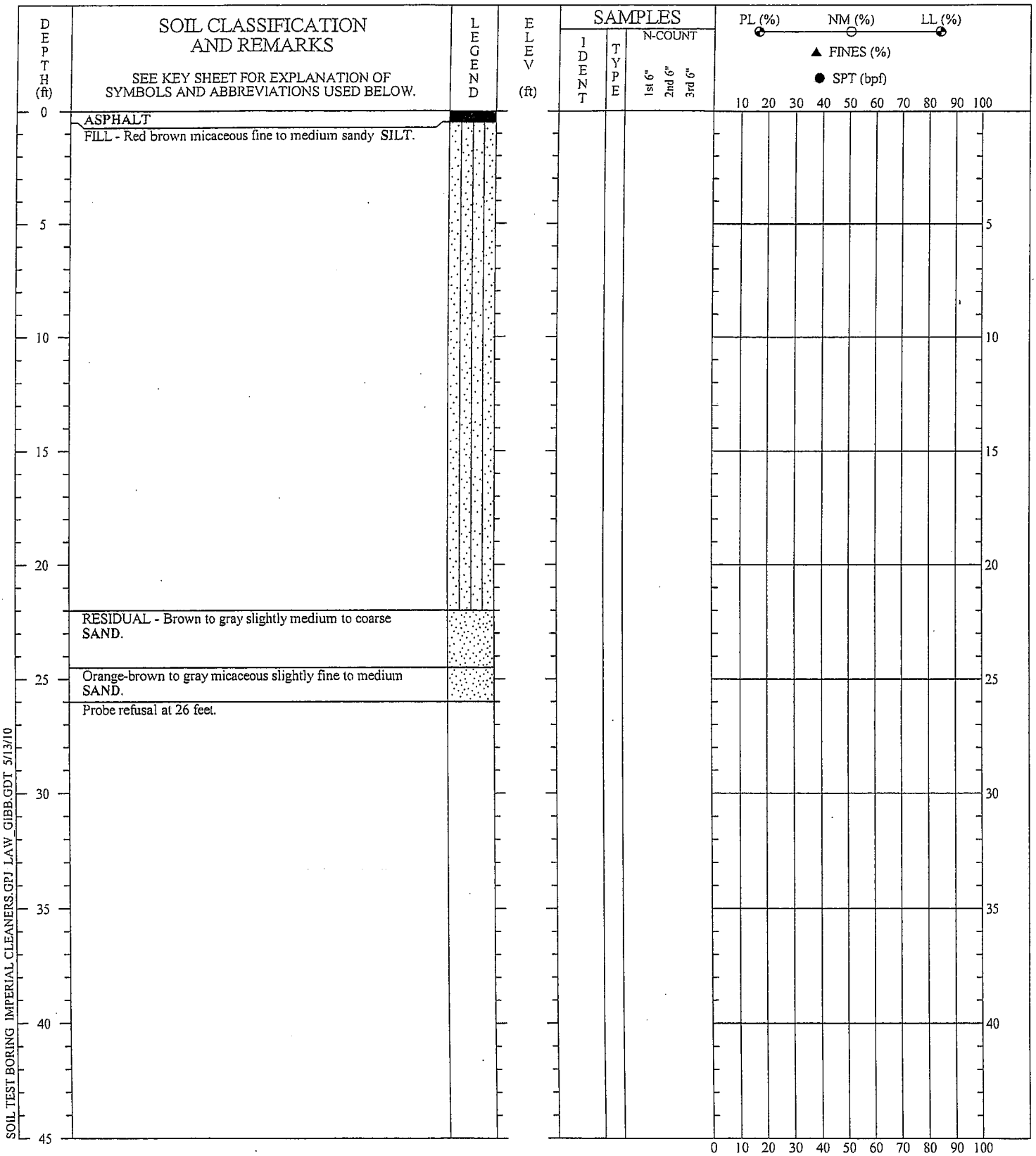
DRILLER:	Atlas GeoSampling
EQUIPMENT:	Power Probe 9100 VTR
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	Groundwater encountered at approximately 24 feet.

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.:	SB-32
PROJECT:	Imperial Cleaners
LOCATION:	Roswell, GA
DRILLED:	March 29, 2010
PROJECT NO.:	6305-05-0319

MACTEC



SOIL TEST BORING IMPERIAL CLEANERS.GPJ LAW_GIBB.GDT 5/13/10

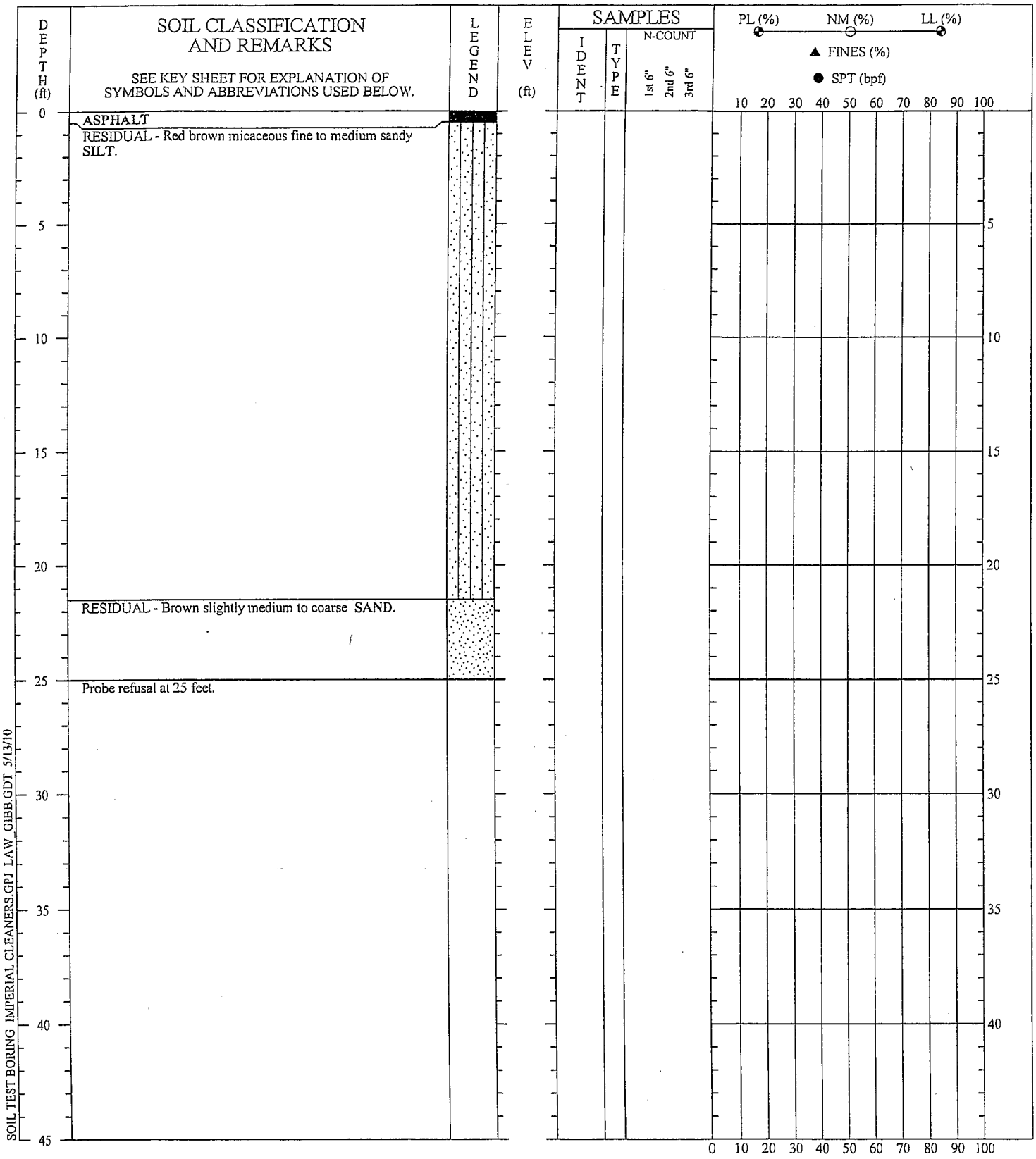
DRILLER:	Atlas GeoSampling
EQUIPMENT:	Power Probe 9100 VTR
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	Groundwater encountered at approximately 24 feet.

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.:	SB-33
PROJECT:	Imperial Cleaners
LOCATION:	Roswell, GA
DRILLED:	March 29, 2010
PROJECT NO.:	6305-05-0319

MACTEC



SOIL TEST BORING IMPERIAL CLEANERS.GPJ LAW_GIBB.GDT 5/13/10

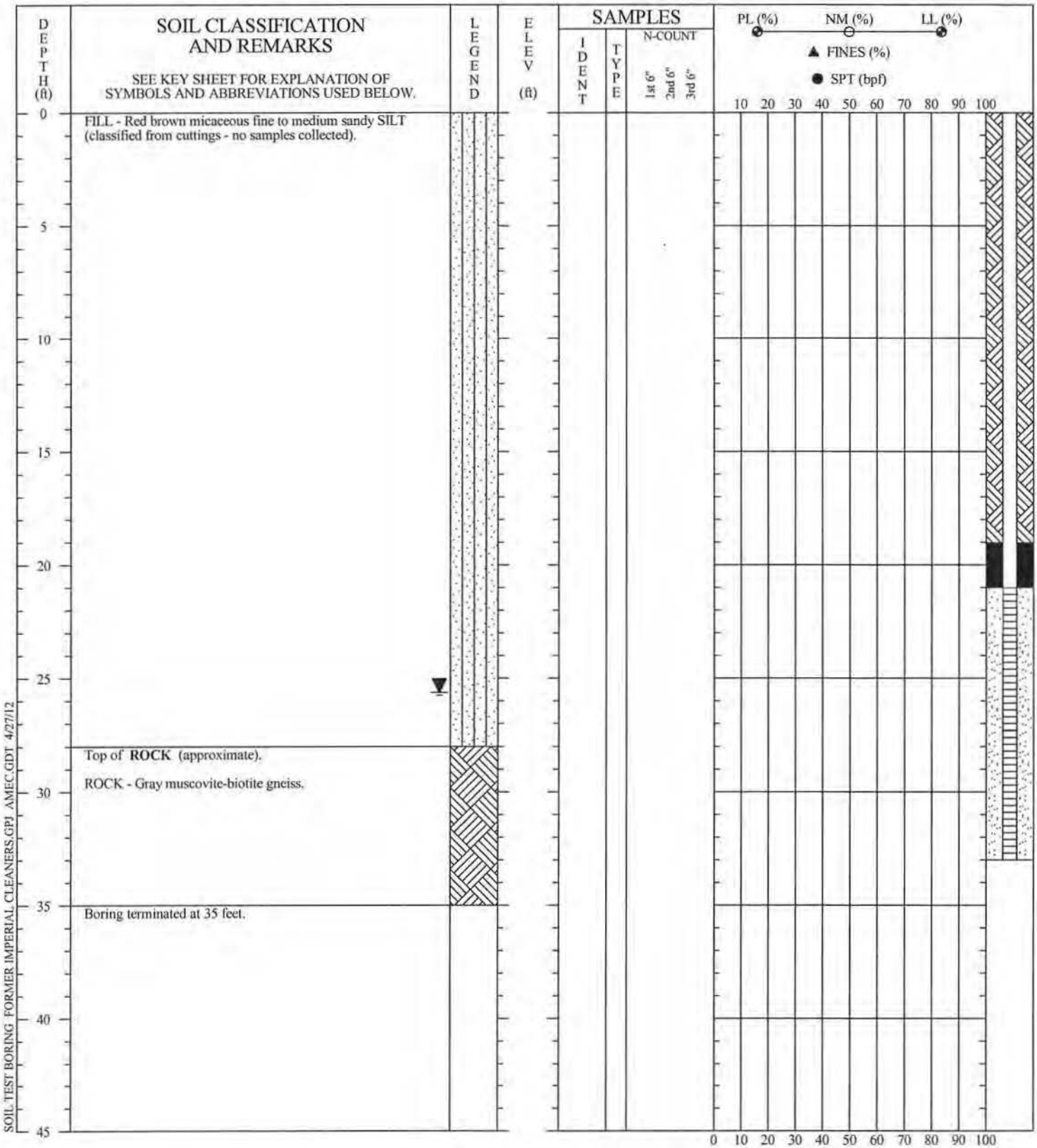
DRILLER:	Atlas GeoSampling
EQUIPMENT:	Power Probe 9100 VTR
METHOD:	Direct Push
HOLE DIA.:	2 inches
REMARKS:	Groundwater encountered at approximately 24 feet.

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.:	SB-34
PROJECT:	Imperial Cleaners
LOCATION:	Roswell, GA
DRILLED:	March 29, 2010
PROJECT NO.:	6305-05-0319

MACTEC



SOIL TEST BORING FORMER IMPERIAL CLEANERS.GPJ AMEC.GDT 4/27/12

DRILLER:	AMEC
EQUIPMENT:	CME 550
METHOD:	Air Hammer
HOLE DIA.:	6 inches
REMARKS:	Type II well installed. Stabilized groundwater depth 25.63 feet.

PREPARED BY: S. Davenport 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.:	MW-16
PROJECT:	Imperial Cleaners
LOCATION:	Roswell, GA
DRILLED:	February 10, 2012
PROJECT NO.:	6305-05-0319

amec

APPENDIX F

COMPUTER MODELING

CONTAMINANT FATE AND TRANSPORT MODELING

An analysis of groundwater fate and transport was presented in the 4th Semi-Annual Groundwater Monitoring Report, dated May 14, 2010 to estimate the time required to achieve compliance with applicable RRS and in the VRP Application to model the potential for regulated constituents in groundwater to impact Hog Wallow Creek located downgradient of the former dry cleaner. AMEC utilized the BIOCHLOR software to model the fate and transport of impacted groundwater on site. 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 or source area reduction measures have been implemented and monitored natural attenuation (MNA) is the groundwater remedial option. The VRP application also included calculations of surface water flow for Hog Wallow Creek to determine the input of regulated constituents from the on-site plume necessary to result in exceedance of applicable Georgia In-Stream Water Quality standards for the constituents of concern (COCs).

In its November 10, 2011 Comment Letter regarding the VRP Application, EPD issued several comments which requested alterations to the input parameters such as VOC source area concentrations, model run duration and plume dispersivity values.

The model was updated utilizing the requested input parameters, including the June 2010 monitoring data, which contained the highest PCE concentration in MW-7 measured to date as the source concentration. The simulation time was also begun on that date and the modeling period extended for a duration of 25 years. By the end of the 25-year period, steady state conditions had been achieved in MW-11R. In addition, a Y-dispersivity coefficient near zero was selected to provide a uniform concentration across the plume front and allow a more conservative estimate of VOC input to the creek to be made. Changing these input factors resulted in a more conservative estimate for VOC migration into the creek. The resulting VOC concentrations could then be compared to the maximum allowable COC concentrations that ensure compliance with the In-stream Water Quality Standards.

In addition, a “point of demonstration” well (MW-16) was installed between MW-7 and MW-11R in February 2012 and included in subsequent groundwater monitoring events. These data were incorporated into the model as well to help refine the model inputs.

The model was re-run utilizing the revised input VOC concentrations and start date and the results of the updated analysis were presented in the May and November 2012 VRP Progress Reports. In addition, the retardation factor calculated for PCE was utilized for other constituents as it provided a better fit with the observed monitoring data. The results of the updated model runs, with the EPD requested changes to the input parameters, indicated that COC concentrations in MW-11R were predicted to remain well below the maximum allowable concentrations as summarized in Table 1. The model was run again with updated field observation values for MW-7, MW-16 and MW-11R. As a conservative measure, the source area concentration from June 2010 was retained, although the concentration in MW-7 has decreased since that time.

EPD required that the stream flow be gauged on a monthly basis over a period of at least six months during the expected dry part of the year to determine a reasonable low-flow value for Hog Wallow Creek. The results of the stream flow gauging indicated the flow varied from a high of approximately 1.9 cubic feet per second (cfs) in May 2012 to a low of approximately 0.37 cfs in October 2012. The lowest of these values, 0.37 cfs, was measured following an extended dry spell and likely represents a low-level flow condition for Hog Wallow Creek. This value also closely corresponds to the previously assumed value of 0.38 cfs estimated for the site using 7Q10 minimum flow data for area streams.

The maximum allowable concentrations of COCs at MW-11R protective of in-stream water quality standards have been updated to reflect the measured low flow conditions for the creek. As shown on Table F1, the COC concentrations detected to date in MW-11R have remained well below the maximum allowable concentrations.

Table F1 - Maximum allowable concentrations of COCs at MW-11R protective of in-stream water quality standards, parameter C_1

COC	Q_1 (cfs)	$Q_2 = Q_3$ = 7Q10 (cfs)	C_2 (µg/L)	Maximum Allowable Concentration at MW-11R C_1 (µg/L)	Maximum Predicted Concentration at MW-11R (µg/L)	June 2014 Measured Concentration at MW-11R (µg/L)	In-stream Criteria (µg/L)
PCE	0.000131915	0.37	3.297875	9,250	1,395	72	3.3
TCE	0.000131915	0.37	30.0280197	84,220	686	83	30
DCE	0.000131915	0.37	10001.2399	28,805,000	299	164	10,000
VC	0.000131915	0.37	2.39529868	6,710	23	<2	2.4

Q_1 - Flow rate of impacted groundwater entering the stream segment (ft^3/sec)
Q_2 - Measured low flow in the stream immediately upgradient of the Site (ft^3/sec)
Q_3 - Measured low flow in the stream immediately downgradient of the Site; $Q_3 = Q_2$ since $Q_2 >> Q_1$
C_1 - Dissolved concentration of COC in groundwater (in µg/L) represented by MW-11R.
C_2 - Resulting concentration of COC in the stream after mixing (in µg/L)

The modeling results are consistent with the groundwater monitoring data obtained at the site. To date, no chlorinated VOC impacts to surface water have been detected on site since monitoring began, as predicted by the model. The highest VOC concentrations measured in MW-11R remain several orders of magnitude below the maximum allowable concentrations that would be protective of the surface water. As indicated in Table F1, after extending the model run to the point at which steady state conditions are achieved in MW-11R (approximately 25 years), the predicted VOC concentrations in MW-11R all remain well below the maximum allowable concentrations that would be protective of the surface water.

BIOCHLOR OUTPUT SHEETS

BIOCHLOR Natural Attenuation Decision Support System

Version 2.2
Excel 2000

Imperial Cleaners
VRP
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	26.2	(ft/yr)
or			
Hydraulic Conductivity	K	9.5E-05	(cm/sec)
Hydraulic Gradient	i	0.04	(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	1.6	(kg/L)		
FractionOrganicCarbon, foc	1.6E-3	(-)		
Partition Coefficient	Koc			
PCE	426	(L/kg)	8.27	(-)
TCE	130	(L/kg)	3.22	(-)
DCE	125	(L/kg)	3.13	(-)
VC	30	(L/kg)	1.51	(-)
ETH	302	(L/kg)	6.15	(-)
Common R (used in model)* =			**8.27**	

4. BIOTRANSFORMATION

	-1st Order Decay Coefficient* λ (1/yr)	half-life (yrs)	Yield
Zone 1			
PCE → TCE	0.231	3.00	0.79
TCE → DCE	0.330	2.10	0.74
DCE → VC	0.365	1.90	0.64
VC → ETH	2.772	0.25	0.45
Zone 2	λ (1/yr)	half-life (yrs)	
PCE → TCE	0.000		
TCE → DCE	0.000		
DCE → VC	0.000		
VC → ETH	0.000		

λ HELP

5. GENERAL

Simulation Time*	25	(yr)
Modeled Area Width*	300	(ft)
Modeled Area Length*	100	(ft)
Zone 1 Length*	100	(ft)
Zone 2 Length*	0	(ft)

L, W

Zone 2= L - Zone 1

6. SOURCE DATA TYPE: Continuous / Single Planar

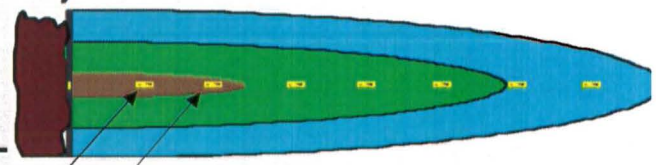
Source Options

Source Thickness in Sat. Zone* 10 (ft)

Width* (ft) Y1: 75

Conc. (mg/L)*	C1	k_s* (1/yr)
PCE	4.8	0
TCE	.83	0
DCE	.349	0
VC	.001	0
ETH		0

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)	4.0	.21	.062								
TCE Conc. (mg/L)	.68	.1	.151								
DCE Conc. (mg/L)	.241	.126	.222								
VC Conc. (mg/L)	0.0	.001	.003								
ETH Conc. (mg/L)											
Distance from Source (ft)	0	40	95								
Date Data Collected	2013										

8. CHOOSE TYPE OF OUTPUT TO SEE:

RUN CENTERLINE | RUN ARRAY | Help | Restore Formulas | RESET | SEE OUTPUT | Paste Example

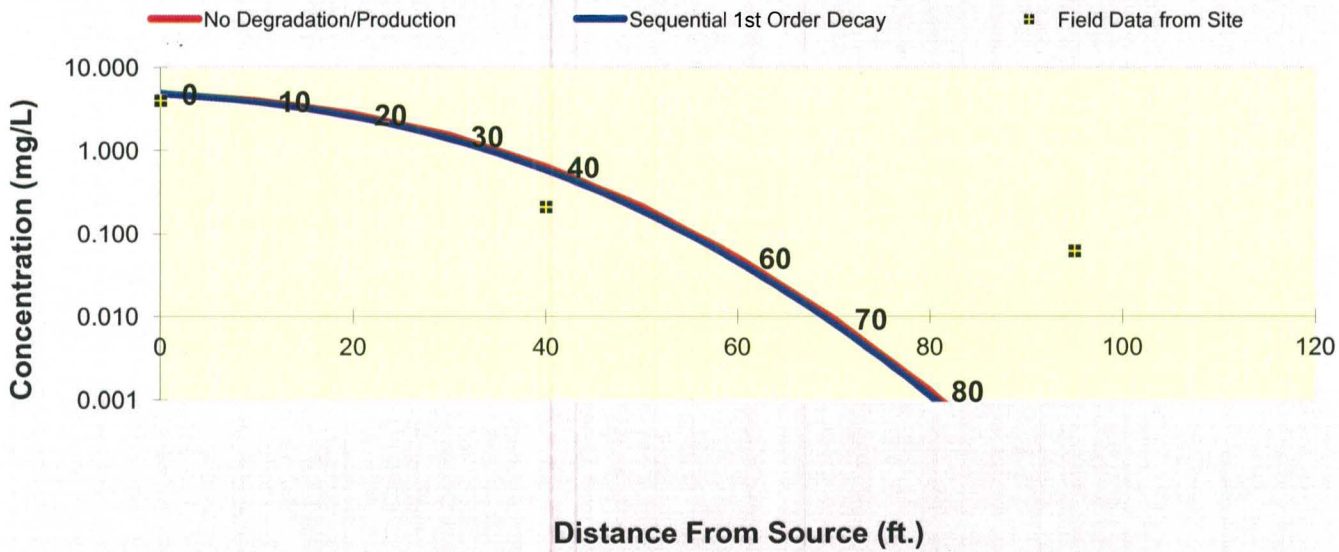
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

PCE	0	10	20	30	40	50	60	70	80	90	100
No Degradation	4.800	3.974	2.739	1.507	0.643	0.209	0.051	0.009	0.001	0.000	0.000
Biotransformation	4.8000	3.798	2.540	1.371	0.578	0.187	0.045	0.008	0.001	0.000	0.000

Monitoring Well Locations (ft)

	0	40	95								
Field Data from Site	4.000	0.210	0.062								



See PCE

See TCE

See DCE

See VC

See ETH

Time:

5.0 Years

Log ⟺ Linear

Replay

Return to Input

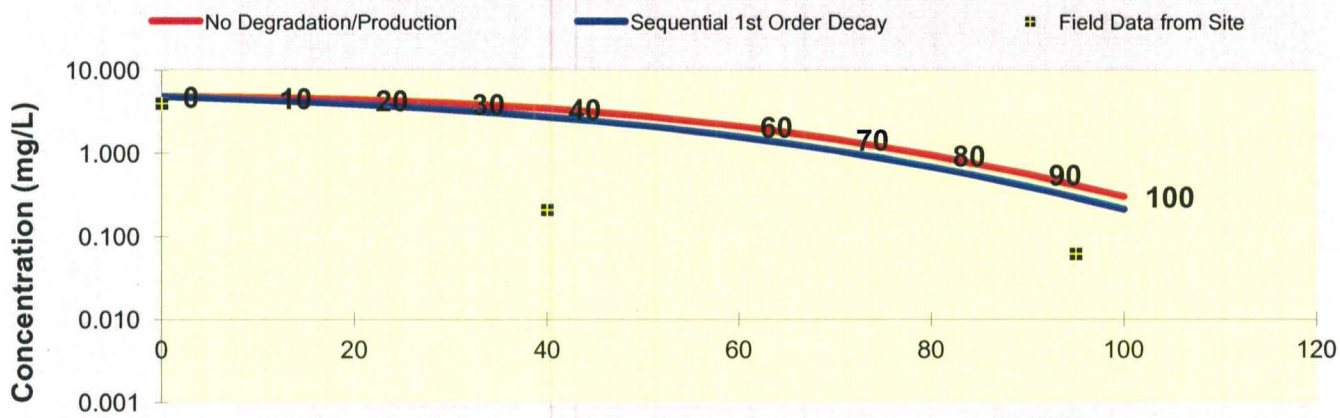
To All

To Array

DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

PCE	Distance from Source (ft)										
	0	10	20	30	40	50	60	70	80	90	100
No Degradation	4.800	4.668	4.413	4.008	3.457	2.803	2.119	1.482	0.955	0.563	0.304
Biotransformation	4.8000	4.353	3.869	3.334	2.754	2.156	1.585	1.085	0.686	0.399	0.213

	Monitoring Well Locations (ft)										
	0	40	95								
Field Data from Site	4.000	0.210	0.062								



See PCE

See TCE

See DCE

See VC

See ETH

Distance From Source (ft.)

Replay

Time:

15.0 Years

Log ⟺ Linear

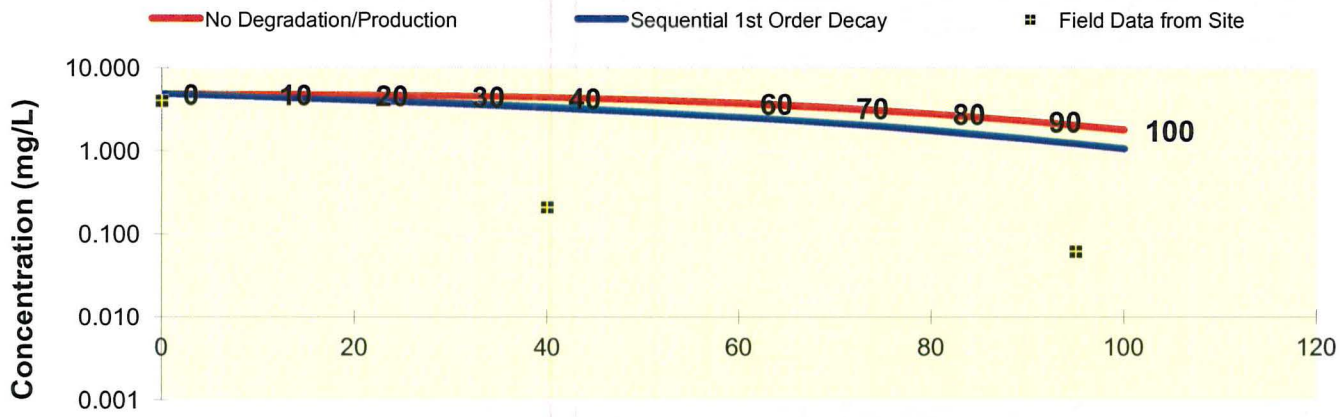
Return to Input

To All

To Array

DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

PCE	Distance from Source (ft)										
	0	10	20	30	40	50	60	70	80	90	100
No Degradation	4.800	4.766	4.697	4.574	4.381	4.106	3.745	3.308	2.816	2.302	1.800
Biotransformation	4.8000	4.411	4.037	3.669	3.299	2.922	2.535	2.145	1.760	1.395	1.062
	Monitoring Well Locations (ft)										
	0	40	95								
Field Data from Site	4.000	0.210	0.062								



See PCE

See TCE

See DCE

See VC

See ETH

Prepare Animation

Time:

25.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

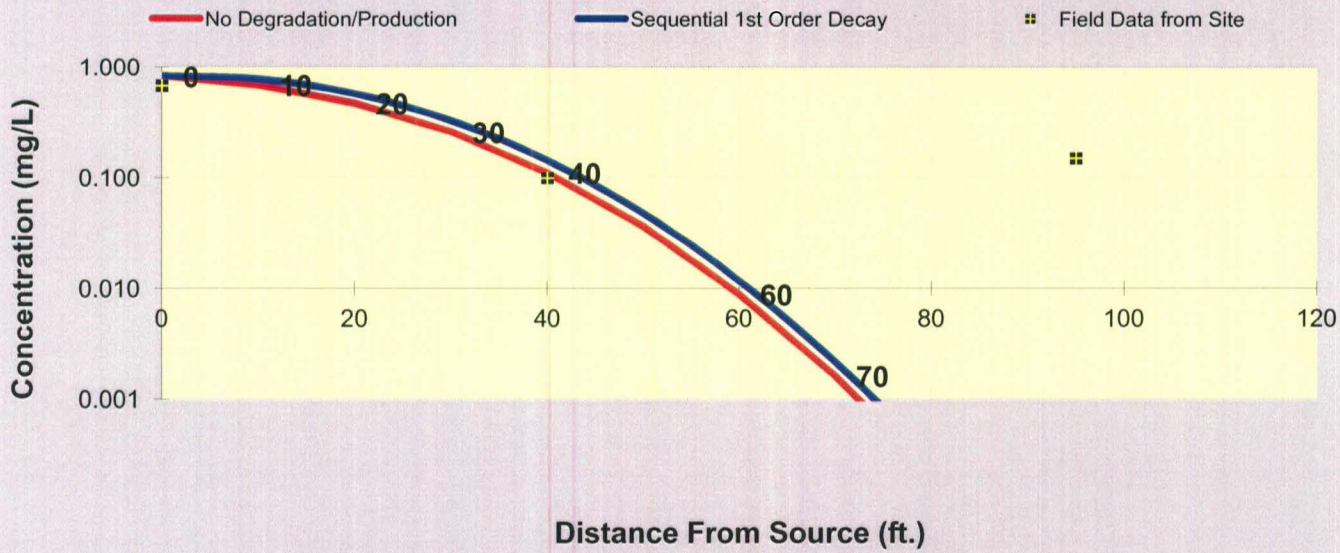
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

TCE	0	10	20	30	40	50	60	70	80	90	100
No Degradation	0.830	0.687	0.474	0.261	0.111	0.036	0.009	0.002	0.000	0.000	0.000
Biotransformation	0.8300	0.777	0.573	0.328	0.143	0.047	0.012	0.002	0.000	0.000	0.000

Monitoring Well Locations (ft)

	0	40	95								
Field Data from Site	0.680	0.100	0.151								



See PCE

See TCE

See DCE

See VC

See ETH

Replay

Time:

5.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

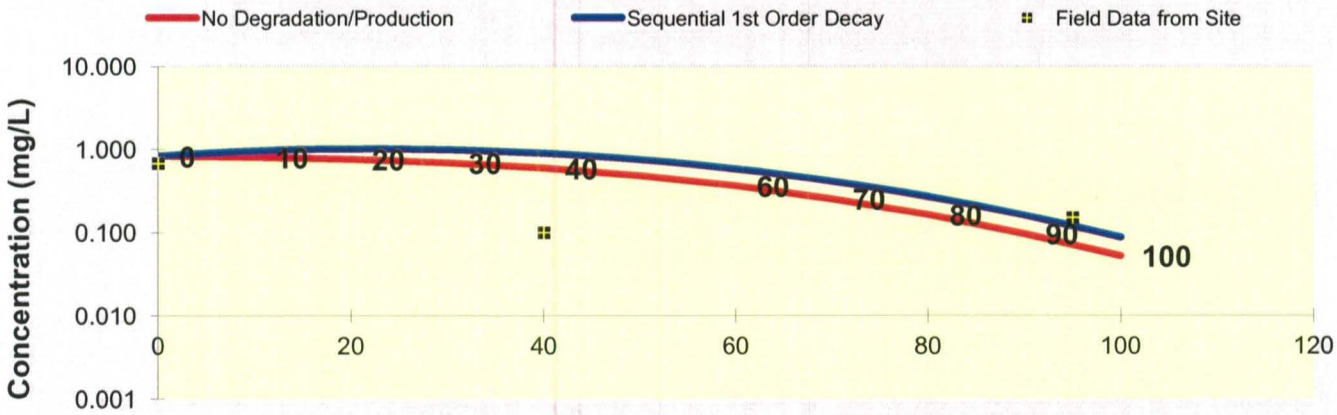
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

TCE	0	10	20	30	40	50	60	70	80	90	100
No Degradation	0.830	0.807	0.763	0.693	0.598	0.485	0.366	0.256	0.165	0.097	0.053
Biotransformation	0.8300	0.958	1.011	0.988	0.895	0.751	0.582	0.414	0.270	0.161	0.087

Monitoring Well Locations (ft)

	0	40	95								
Field Data from Site	0.680	0.100	0.151								



Distance From Source (ft.)

See PCE

See TCE

See DCE

See VC

See ETH

Replay

Time:

15.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

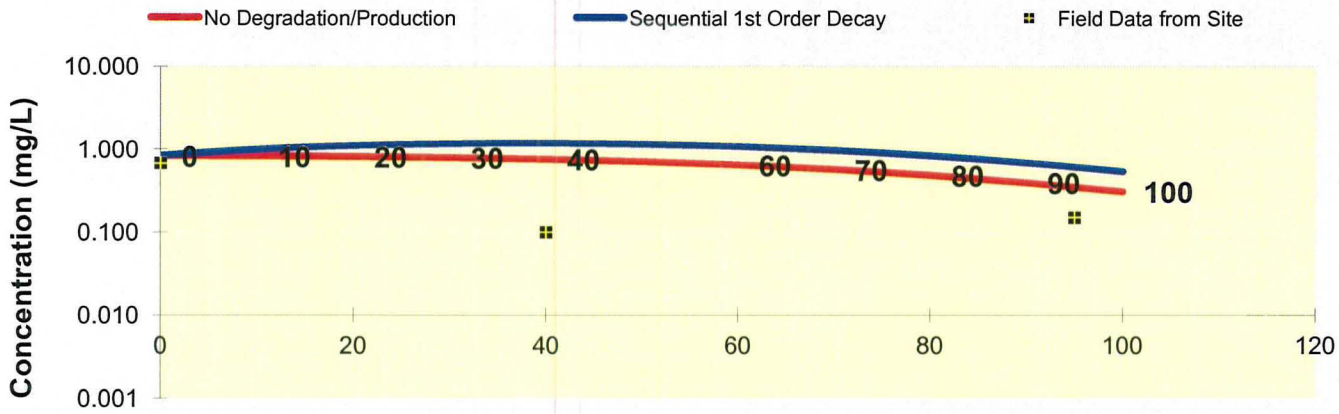
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

TCE	0	10	20	30	40	50	60	70	80	90	100
No Degradation	0.830	0.824	0.812	0.791	0.758	0.710	0.648	0.572	0.487	0.398	0.311
Biotransformation	0.8300	0.987	1.096	1.159	1.174	1.144	1.072	0.965	0.832	0.686	0.540

Monitoring Well Locations (ft)

	0	40	95								
Field Data from Site	0.680	0.100	0.151								



Distance From Source (ft.)

See PCE

See TCE

See DCE

See VC

See ETH

Replay

Time:

25.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

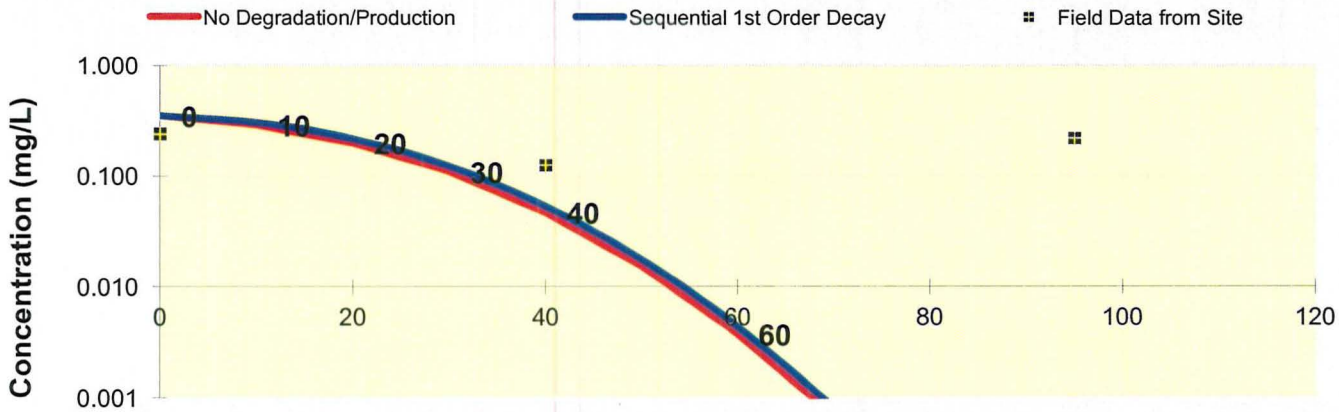
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

DCE	0	10	20	30	40	50	60	70	80	90	100
No Degradation	0.349	0.289	0.199	0.110	0.047	0.015	0.004	0.001	0.000	0.000	0.000
Biotransformation	0.3490	0.304	0.217	0.122	0.053	0.017	0.004	0.001	0.000	0.000	0.000

Monitoring Well Locations (ft)

	0	40	95								
Field Data from Site	0.241	0.126	0.222								



Distance From Source (ft.)

See PCE

See TCE

See DCE

See VC

See ETH

Replay

Time:

5.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

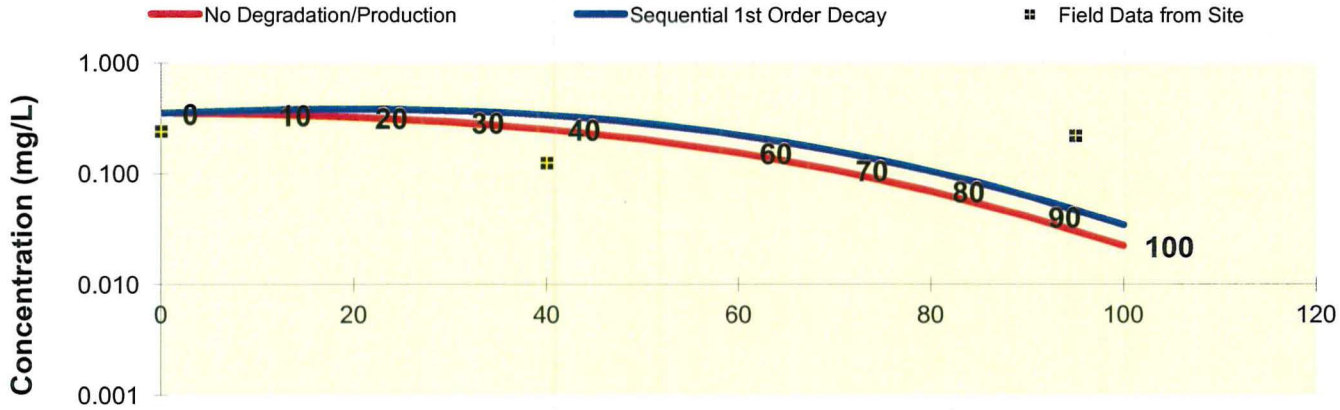
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

DCE	0	10	20	30	40	50	60	70	80	90	100
No Degradation	0.349	0.339	0.321	0.291	0.251	0.204	0.154	0.108	0.069	0.041	0.022
Biotransformation	0.3490	0.371	0.380	0.368	0.335	0.284	0.221	0.159	0.104	0.063	0.034

Monitoring Well Locations (ft)

	0	40	95								
Field Data from Site	0.241	0.126	0.222								



See PCE

See TCE

See DCE

See VC

See ETH

Distance From Source (ft.)

Replay

Time:

15.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

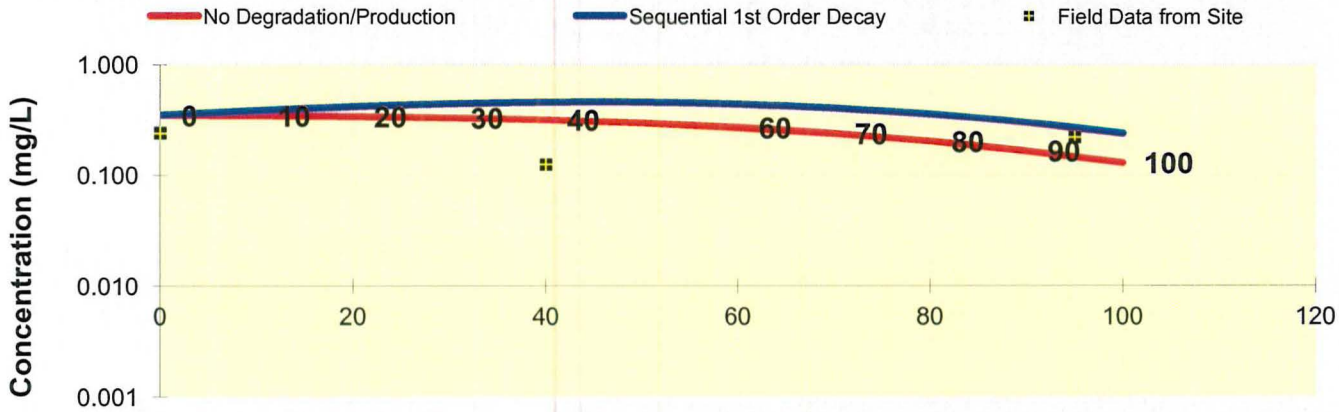
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

DCE	0	10	20	30	40	50	60	70	80	90	100
No Degradation	0.349	0.347	0.341	0.333	0.319	0.299	0.272	0.241	0.205	0.167	0.131
Biotransformation	0.3490	0.384	0.417	0.443	0.458	0.457	0.439	0.404	0.356	0.299	0.239

Monitoring Well Locations (ft)

	0	40	95								
Field Data from Site	0.241	0.126	0.222								



Distance From Source (ft.)

See PCE

See TCE

See DCE

See VC

See ETH

Replay

Time:

25.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

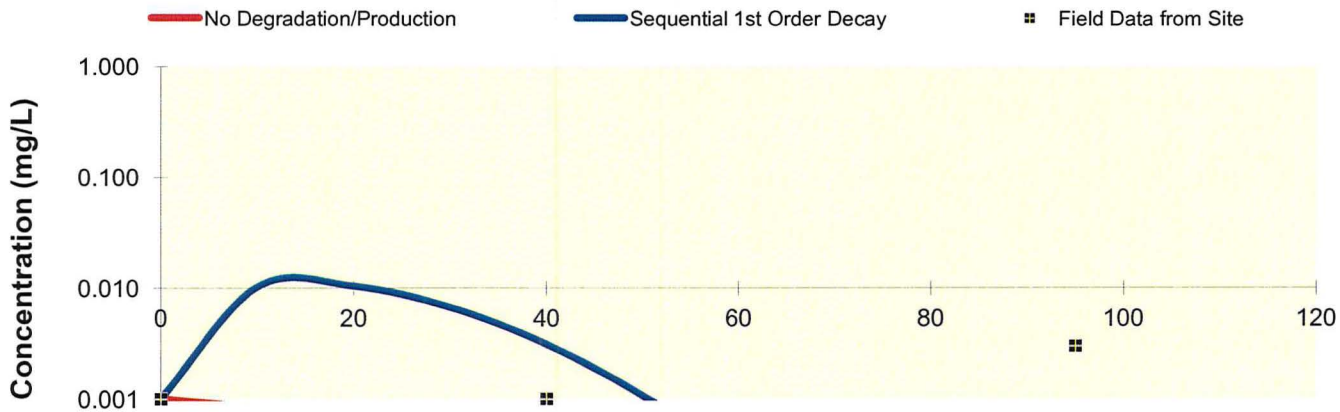
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

VC	0	10	20	30	40	50	60	70	80	90	100
No Degradation	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Biotransformation	0.0010	0.010	0.010	0.007	0.003	0.001	0.000	0.000	0.000	0.000	0.000

Monitoring Well Locations (ft)

	0	40	95								
Field Data from Site	0.001	0.001	0.003								



See PCE

See TCE

See DCE

See VC

See ETH

Distance From Source (ft.)

Replay

Time:

5.0 Years

Log ⟺ Linear

Return to Input

To All

To Array

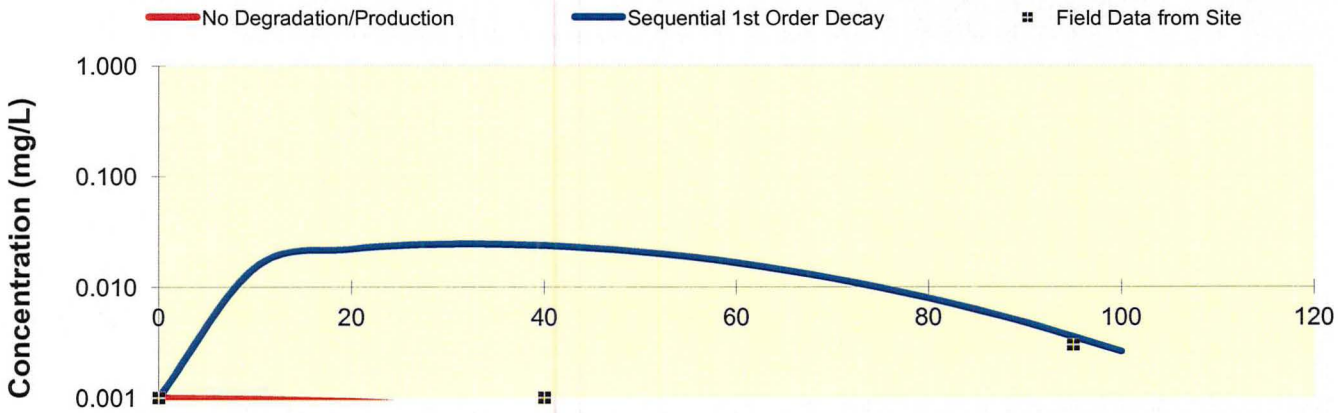
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

VC	0	10	20	30	40	50	60	70	80	90	100
No Degradation	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000
Biotransformation	0.0010	0.015	0.022	0.025	0.024	0.021	0.017	0.012	0.008	0.005	0.003

Monitoring Well Locations (ft)

	0	40	95								
Field Data from Site	0.001	0.001	0.003								



See PCE

See TCE

See DCE

See VC

See ETH

Time:

15.0 Years

Log ⟺ Linear

Replay

Return to Input

To All

To Array

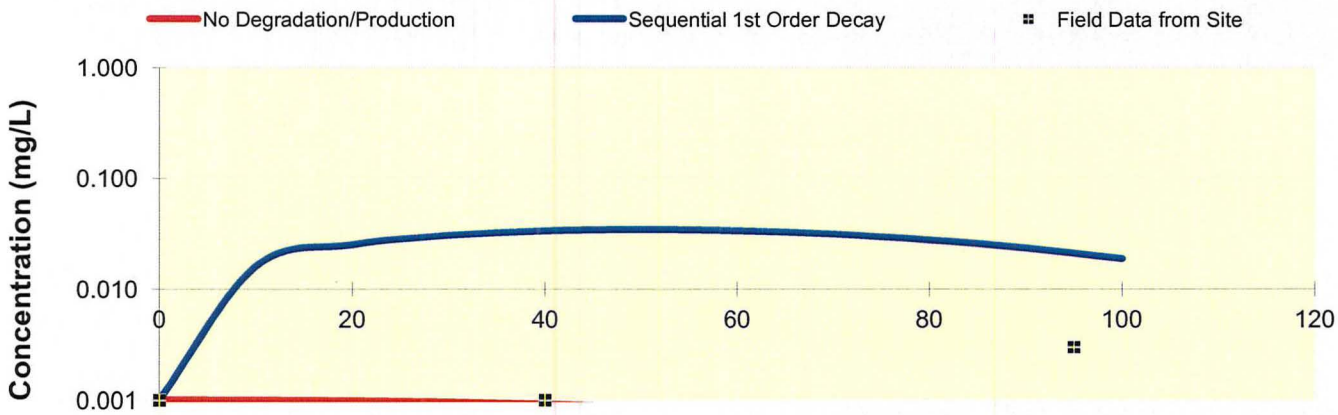
DISSOLVED CHLORINATED SOLVENT CONCENTRATIONS ALONG PLUME CENTERLINE (mg/L) at Z=0

Distance from Source (ft)

VC	0	10	20	30	40	50	60	70	80	90	100
No Degradation	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000
Biotransformation	0.0010	0.016	0.025	0.031	0.033	0.034	0.034	0.031	0.028	0.023	0.019

Monitoring Well Locations (ft)

	0	40	95								
Field Data from Site	0.001	0.001	0.003								



See PCE

See TCE

See DCE

See VC

See ETH

Time:

25.0 Years

Log ⟺ Linear

Replay

Return to Input

To All

To Array

APPENDIX G

RISK REDUCTION STANDARDS

Georgia Department of Natural Resources
2 Martin Luther King Jr. Drive, SE, Suite 1462 East. Atlanta, Georgia 30334
Chris Clark, Commissioner
Environmental Protection Division
Carol A. Couch, Ph.D., Director
Hazardous Waste Management Branch
404-657-8600

June 26, 2009

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

PM Ltd
c/o Ms. Nancy Shannon
Suntrust Bank
25 Park Place, 2nd floor
Atlanta, Georgia 30003

Subject: CAP and Vapor Intrusion Mitigation Plan Amendment Approval
Former Imperial Cleaners Site
Roswell, Fulton County, Georgia
HSI Number: 10690

Dear Ms. Shannon:

The Georgia Environmental Protection Division (EPD) has reviewed the Noevmer 26, 2008 Vapor Mitigation Plan and Corrective Action Plan (CAP) and Vapor Intrusion Mitigation Plan Amendment, dated March 20, 2009 for the above referenced site. The amendment is hereby approved subject to the following conditions:

1. The amendment proposes to sample new monitoring wells immediatealy after well development. The U.S. EPA Field Branches Quality Sytems Technical Procedure for Design and Installation of Monitoring Wells (SESD-GUID-101-R0) recommends waiting 24 hrs after development to purge and sample monitoring wells.
2. In a March 2, 2009 meeting with EPD, Chuck Ferry with Mactec stated that the approved Type 4 soil risk reduction standard (RRS) for PCE is 4.12 mg/kg at the subject site. As stated in the Response to Comments and Revised CAP dated October 4, 2006, site specific data (total and SPLP data) indicate that 1.2 mg/kg of PCE in soil is protective of groundwater. Therefore, 1.2 mg/kg is the approved Type 4 soil RRS. This approved Type 4 soil RRS should be used to evaluate the results from pending soil sampling.
3. Within thirty (30) days of receipt of this CAP Amendment approval, a cost estimate and a statement of financial assurance for the cost of the corrective action must be submitted to the EPD. Examples of acceptable forms for demonstrating financial assurance are available on-line at www.gaepd.org.
4. EPD approves PM Ltd. to defer vapor intrusion migitgation until a new tenant occupies the property. However, prior to a new tenant occupying the space, PM Ltd must implement the Vapor Intrusion Mitigation Plan dated November 26, 2008. Furthermore, if during post-mitigation air sampling concentrations of PCE and TCE continue to exceed target indoor air concentrations, EPD may require an alternative mitigation measure, such as sub-slab depressurization (SSD) system to remove soil vapors from beneath the slab and venting them to the atmosphere above the outdoor breathing zone.

EPD's approval of this document extends only to those technical aspects of the document that expressly require EPD approval under applicable rules and statutes. This approval is not an endorsement by EPD that it accepts as conclusive any representations made in the document. Nor does EPD guarantee or warrant that the document is free of errors or omissions. EPD may later withdraw approval of this document, in whole or in part, if EPD determines that withdrawal is necessary to ensure compliance with the applicable rules and statutes. EPD hereby approves the CAP subject to the conditions enumerated above.

Please submit a cost estimate and financial assurance instrument along with acknowledgement of the above conditions by July 31, 2009. If you have any questions regarding this matter, please contact David Reuland at 404-657-8600.

Sincerely,

David Reuland
Unit Coordinator
Superfund Management Unit

c: Charles Ferry, Mactec

File: HSI # 10690
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Table B-3
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)															
Acetone	6.7E+03	ND	2.7E+00	4.0E+00	4.0E+02	4.0E+02	1.9E+05	ND	1.9E+05	4.0E+02	2.6E+05	ND	2.6E+05	4.0E+02	4.0E+02
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
Tetrachloroethene	2.7E+03	ND	1.8E-01	5.0E-03	5.0E-01	5.0E-01	1.4E+02	3.2E+02	1.4E+02	5.0E-01	1.5E+02	4.1E+02	1.5E+02	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
trans-1,2-Dichloroethene	2.8E+03	ND	5.3E-01	1.0E-01	1.0E+01	1.0E+01	2.2E+02	ND	2.2E+02	1.0E+01	2.4E+02	ND	2.4E+02	1.0E+01	1.0E+01
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	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

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	Chemical-specific	m^3/kg

UPDATED/DATE: LWC 5/1/2012
CHECKED/DATE: LMS 5/3/2012

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)						
Acetone	9.0E-01	8.9E+00	ND	ND	NA	IRIS, ATSDR
cis-1,2-Dichloroethene	2.0E-03	ND	ND	ND	NA	IRIS
Tetrachloroethene	6.0E-03	1.1E-02	2.1E-03	9.1E-04	B	IRIS
Toluene	8.0E-02	1.4E+00	ND	ND	D	IRIS
trans-1,2-Dichloroethene	2.0E-02	1.7E-02	ND	ND	NA	IRIS,PPRTV
Trichloroethene	5.0E-04	5.7E-04	5.0E-02	1.4E-02	A	IRIS
Vinyl chloride	3.0E-03	2.9E-02	7.2E-01	1.5E-02	A	IRIS

SOURCES: EPA Regional Screening Level Table, November 2011.
IRIS Integrated Risk Information System
PPRTV Provisional Peer Reviewed Toxicity Values
ATSDR Agency for Toxic Substances and Disease Registry
ND No Data
NA Not Available

UPDATED/DATE: LWC 5/1/2012
CHECKED/DATE: LMS 5/3/2012

Table B-1
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	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)																
Acetone	9.0E-01	8.9E+00	ND	ND	IRIS, ATSDR	4.0E+00	2.2E+01	ND	8.0E+00	ND	8.0E+00	8.0E+00	4.6E+01	ND	4.6E+01	4.6E+01
cis-1,2-Dichloroethene	2.0E-03	ND	ND	ND	IRIS	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
Tetrachloroethene	6.0E-03	1.1E-02	2.1E-03	9.1E-04	IRIS	5.0E-03	6.0E-02	1.3E-01	1.9E-02	2.0E-01	1.9E-02	1.9E-02	9.8E-02	2.6E-01	9.8E-02	9.8E-02
Toluene	8.0E-02	1.4E+00	ND	ND	IRIS	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
trans-1,2-Dichloroethene	2.0E-02	1.7E-02	ND	ND	IRIS,PPRTV	1.0E-01	1.1E-01	ND	3.2E-02	ND	3.2E-02	1.0E-01	1.6E-01	ND	1.6E-01	1.6E-01
Trichloroethene	5.0E-04	5.7E-04	4.6E-02	1.4E-02	IRIS	5.0E-03	3.4E-03	7.3E-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	3.0E-03	2.9E-02	7.2E-01	1.5E-02	IRIS	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

IRIS Integrated Risk Information System
ATSDR - Agency for Toxic Substances and Disease Registry, 2011.
IRIS - Integrated Risk Information System, USEPA.
PPRTV - Provisional Peer Reviewed Toxicity Values, USEPA.

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: LWC 5/1/2012
CHECKED/DATE: LMS 5/3/2012

Table B-4
Soil to Ground water Leachability

	K_d (L/kg) (1)	K_{oc} (L/kg) (2)	Source	$Ø_w$	Øa	H' (unitless)	Øw+Øa*H'/$Þ_b$	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)																		
Acetone	4.7E-03	2.4E+00	RSL	3.0E-01	1.3E-01	1.4E-03	2.0E-01	4.0E+00	8.0E+01	1.6E+01	8.0E+00	1.6E+02	3.3E+01	3.3E+01	4.6E+01	9.1E+02	1.9E+02	1.9E+02
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
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	1.9E-02	3.8E-01	1.7E-01	1.7E-01	9.8E-02	2.0E+00	8.9E-01	8.9E-01
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
trans-1,2-Dichloroethene	7.9E-02	4.0E+01	RSL	3.0E-01	1.3E-01	1.7E-01	2.1E-01	1.0E-01	2.0E+00	5.9E-01	3.2E-02	6.4E-01	1.9E-01	5.9E-01	1.6E-01	3.2E+00	9.4E-01	9.4E-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	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

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)
Þb 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)

UPDATED/DATE: LWC 5/1/12
CHECKED/DATE: LMS 5/3/2012

Table B-5
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)								
Acetone	6.7E+03	3.3E-01	3.3E+04	ND	1.6E+05	ND	3.3E+04	3.3E-01
cis-1,2-Dichloroethene	2.7E+03	4.1E-01	1.6E+02	ND	1.5E+03	ND	1.6E+02	4.1E-01
Tetrachloroethene	2.7E+03	1.7E-01	3.0E+01	3.3E+02	1.1E+02	2.4E+02	3.0E+01	1.7E-01
Toluene	5.6E+03	1.4E+01	3.6E+03	ND	1.9E+04	ND	3.6E+03	1.4E+01
trans-1,2-Dichloroethene	2.8E+03	5.9E-01	4.7E+01	ND	1.7E+02	ND	4.7E+01	5.9E-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	5.8E+02	1.4E-02	1.6E+01	3.4E+00	6.0E+01	2.8E+00	2.8E+00	1.4E-02

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

UPDATED/DATE: LWC 5/1/2012
CHECKED/DATE: LMS 5/3/2012

Table B-6
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)						
Acetone	6.7E+03	1.9E+02	2.6E+05	ND	2.6E+05	1.9E+02
cis-1,2-Dichloroethene	2.7E+03	1.2E+00	4.1E+03	ND	4.1E+03	1.2E+00
Tetrachloroethene	2.7E+03	8.9E-01	1.5E+02	4.1E+02	1.5E+02	8.9E-01
Toluene	5.6E+03	7.2E+01	3.2E+04	ND	3.2E+04	7.2E+01
trans-1,2-Dichloroethene	2.8E+03	9.4E-01	2.4E+02	ND	2.4E+02	9.4E-01
Trichloroethene	2.5E+03	3.7E-02	7.1E+00	2.5E+01	7.1E+00	3.7E-02
Vinyl chloride	5.8E+02	2.2E-02	8.5E+01	5.1E+00	5.1E+00	2.2E-02

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

UPDATED/DATE: LWC 5/1/2012
CHECKED/DATE: LMS 5/3/2012

Table B-7
Type 4 Soil RRS, mg/kg
Construction Worker

PARAMETER	Volatilization Factor (m^3/kg)	Nonresidential Leaching DAF=20 (mg/kg)	Risk-Based Construction Worker Noncarcinogenic (mg/kg) (a)	Risk-Based Construction Worker Carcinogenic (mg/kg) (b)	Risk-Based Soil CW Type 4 RRS (mg/kg) (c)	Overall CW Type 4 RRS DAF=20 (mg/kg) (d)
Volatile Organic Compounds (VOCs)						
Acetone	6.7E+03	1.9E+02	2.9E+05	ND	2.9E+05	1.9E+02
cis-1,2-Dichloroethene	2.7E+03	1.2E+00	1.2E+03	ND	1.2E+03	1.2E+00
Tetrachloroethene	2.7E+03	8.9E-01	2.9E+02	1.9E+04	2.9E+02	8.9E-01
Toluene	5.6E+03	7.2E+01	3.1E+04	ND	3.1E+04	7.2E+01
trans-1,2-Dichloroethene	2.8E+03	9.4E-01	4.6E+02	ND	4.6E+02	9.4E-01
Trichloroethene	2.5E+03	3.7E-02	1.4E+01	1.1E+03	1.4E+01	3.7E-02
Vinyl chloride	5.8E+02	2.2E-02	1.6E+02	1.9E+02	1.6E+02	2.2E-02

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	Construction 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)	1	yrs
Exposure Duration (ED)	1	yrs
Exposure Frequency (EF)	125	days/yr
Soil Ingestion Rate (IRs)	330	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

UPDATED/DATE: LWC 5/2/2012
CHECKED/DATE: LMS 5/3/2012

Table B-8
Type 4 Soil RRS, mg/kg
Utility Worker

PARAMETER	Volatilization Factor (m^3/kg)	Nonresidential Leaching DAF=20 (mg/kg)	Risk-Based Utility Worker Noncarcinogenic (mg/kg) (a)	Risk-Based Utility Worker Carcinogenic (mg/kg) (b)	Risk-Based Soil UW Type 4 RRS (mg/kg) (c)	Overall UW Type 4 RRS DAF=20 (mg/kg) (d)
Volatile Organic Compounds (VOCs)						
Acetone	6.7E+03	1.9E+02	1.5E+06	ND	1.5E+06	1.9E+02
cis-1,2-Dichloroethene	2.7E+03	1.2E+00	6.2E+03	ND	6.2E+03	1.2E+00
Tetrachloroethene	2.7E+03	8.9E-01	1.4E+03	3.8E+03	1.4E+03	8.9E-01
Toluene	5.6E+03	7.2E+01	1.5E+05	ND	1.5E+05	7.2E+01
trans-1,2-Dichloroethene	2.8E+03	9.4E-01	2.3E+03	ND	2.3E+03	9.4E-01
Trichloroethene	2.5E+03	3.7E-02	6.8E+01	2.2E+02	6.8E+01	3.7E-02
Vinyl chloride	5.8E+02	2.2E-02	7.9E+02	3.7E+01	3.7E+01	2.2E-02

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	Utility 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)	25	days/yr
Soil Ingestion Rate (IRs)	330	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

UPDATED/DATE: LWC 5/2/2012
CHECKED/DATE: LMS 5/3/2012

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	Type 4 RRS CW DAF of 20 mg/kg	Type 4 RRS UW DAF of 20 mg/kg	DAF of 1 Selected Residential	Source	DAF of 1 Lowest of Type 3	DAF of 1 Lowest of Type 4	DAF of 1 Selected Nonresidential	Source	DAF of 20 Selected Residential	Source	DAF of 20 Lowest of Type 3	DAF of 20 Lowest of Type 4	DAF of 20 Selected Nonresidential	Source	Non-Residential Surface	Non-Residential Subsurface
Volatile Organic Compounds (VOCs)																					
Acetone	4.0E+02	3.3E+01	4.0E+02	4.0E+02	1.9E+02	1.9E+02	1.9E+02	4.0E+02	Type 1	4.0E+02	1.1E+01	4.0E+02	Type 3	4.0E+02	Type 1	4.0E+02	#REF!	#REF!	#REF!	4.0E+02	4.0E+02
cis-1,2-Dichloroethene	7.0E+00	4.1E-01	7.0E+00	7.0E+00	1.2E+00	1.2E+00	1.2E+00	7.0E+00	Type 1	7.0E+00	2.1E-01	7.0E+00	Type 3	7.0E+00	Type 1	7.0E+00	#REF!	#REF!	#REF!	7.0E+00	7.0E+00
Tetrachloroethene	5.0E-01	1.7E-01	5.0E-01	5.0E-01	8.9E-01	8.9E-01	8.9E-01	5.0E-01	Type 1	5.0E-01	2.1E-01	5.0E-01	Type 3	5.0E-01	Type 1	5.0E-01	#REF!	#REF!	#REF!	5.0E-01	5.0E-01
Toluene	1.0E+02	1.4E+01	1.0E+02	1.0E+02	7.2E+01	7.2E+01	7.2E+01	1.0E+02	Type 1	1.0E+02	2.6E+01	1.0E+02	Type 3	1.0E+02	Type 1	1.0E+02	#REF!	#REF!	#REF!	1.0E+02	1.0E+02
trans-1,2-Dichloroethene	1.0E+01	5.9E-01	1.0E+01	1.0E+01	9.4E-01	9.4E-01	9.4E-01	1.0E+01	Type 1	1.0E+01	1.6E-01	1.0E+01	Type 3	1.0E+01	Type 1	1.0E+01	#REF!	#REF!	#REF!	1.0E+01	1.0E+01
Trichloroethene	5.0E-01	3.6E-02	5.0E-01	5.0E-01	3.7E-02	3.7E-02	3.7E-02	5.0E-01	Type 1	5.0E-01	7.6E-03	5.0E-01	Type 3	5.0E-01	Type 1	5.0E-01	#REF!	#REF!	#REF!	5.0E-01	5.0E-01
Vinyl chloride	2.0E-01	1.4E-02	2.0E-01	2.0E-01	2.2E-02	2.2E-02	2.2E-02	2.0E-01	Type 1	2.0E-01	2.4E-03	2.0E-01	Type 3	2.0E-01	Type 1	2.0E-01	#REF!	#REF!	#REF!	2.0E-01	2.0E-01

UPDATED/DATE: LWC 5/2/2012
CHECKED/DATE: LMS 5/3/2012

APPENDIX H

CONTOUR ENGINEERING SOIL DELINEATION/CONFIRMATION DATA

Analytical Report 480839

for

Contour Engineering, LLC

Project Manager: Kevin McGowan

Imperial Cleaners

E13FCS:17

17-MAR-14

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-14-16-TX), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
New Jersey (TX007), North Carolina(681), Oklahoma (9218), Pennsylvania (68-03610)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

17-MAR-14

Project Manager: **Kevin McGowan**
Contour Engineering, LLC
1955 Vaughn Road, Suite 101
Kennesaw, GA 30144

Reference: XENCO Report No(s): **480839**
Imperial Cleaners
Project Address: GA

Kevin McGowan:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 480839. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 480839 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

David C. Fuller

David C. Fuller
Client Services Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SD-1A	S	03-07-14 12:00	0 - 2 ft	480839-001
SD-1B	S	03-07-14 12:07	8 - 10 ft	480839-002
SD-1C	S	03-07-14 12:14	18 - 20 ft	480839-003
SD-2A	S	03-07-14 11:33	0 - 2 ft	480839-004
SD-2B	S	03-07-14 11:40	8 - 10 ft	480839-005
SD-2C	S	03-07-14 11:51	16 - 17 ft	480839-006
SD-3A	S	03-07-14 11:05	0 - 2 ft	480839-007
SD-3B	S	03-07-14 11:15	8 - 10 ft	480839-008
SD-3C	S	03-07-14 11:25	18 - 20 ft	480839-009
SD-4A	S	03-07-14 10:40	0 - 2 ft	480839-010
SD-4B	S	03-07-14 10:49	8 - 10 ft	480839-011
SD-4C	S	03-07-14 10:58	18 - 20 ft	480839-012
SD-5A	S	03-07-14 09:32	0 - 2 ft	480839-013
SD-5B	S	03-07-14 09:48	8 - 10 ft	480839-014
SD-5C	S	03-07-14 09:55	18 - 20 ft	480839-015
SD-6A	S	03-07-14 10:18	0 - 2 ft	480839-016
SD-6B	S	03-07-14 10:24	8 - 10 ft	480839-017
SD-6C	S	03-07-14 10:35	18 - 20 ft	480839-018
SD-7A	S	03-07-14 17:06	0 - 2 ft	480839-019
SD-7B	S	03-07-14 17:19	8 - 10 ft	480839-020
SD-7C	S	03-07-14 17:30	18 - 20 ft	480839-021
SD-8A	S	03-07-14 17:36	0 - 2 ft	480839-022
SD-8B	S	03-07-14 17:48	8 - 10 ft	480839-023
SD-8C	S	03-07-14 17:54	18 - 20 ft	480839-024
SD-9A	S	03-07-14 17:45	0 - 2 ft	480839-025
SD-9B	S	03-07-14 17:56	8 - 10 ft	480839-026
SD-9C	S	03-07-14 18:03	18 - 20 ft	480839-027
SD-10A	S	03-07-14 17:15	0 - 2 ft	480839-028
SD-10B	S	03-07-14 17:25	8 - 10 ft	480839-029
SD-10C	S	03-07-14 17:30	13 - 15 ft	480839-030
LY-1A	S	03-07-14 14:50	2 - 2.5 ft	480839-031
LY-1B	S	03-07-14 15:05	14 - 15 ft	480839-032
LY-2A	S	03-07-14 15:25	0 - 2 ft	480839-033
LY-2B	S	03-07-14 15:40	12 - 14 ft	480839-034
LY-2	W	03-07-14 16:10		480839-035
LY-3	S	03-07-14 15:00	20 - 24 ft	480839-036
LY-3	W	03-07-14 16:25		480839-037
WD-4	W	03-07-14 13:53		480839-038

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-1A**
Lab Sample Id : 480839-001
Sample Depth : 0 - 2 ft

Matrix : Soil
Date Collected : 03.07.14 12.00
Date Received : 03.08.14 11.40

% Moisture : 12.54
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 936024

Prep Method: SW5035A
Date Prep: 03.12.14 07.05

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0103	mg/kg	03.12.14 09.58		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-1B**
Lab Sample Id : 480839-002
Sample Depth : 8 - 10 ft

Matrix : Soil
Date Collected : 03.07.14 12.07
Date Received : 03.08.14 11.40

% Moisture : 16.8
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.11.14 15.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0151	mg/kg	03.11.14 19.11		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-1C**
Lab Sample Id : 480839-003
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 03.07.14 12.14
Date Received : 03.08.14 11.40

% Moisture : 10.3
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.11.14 15.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0551	mg/kg	03.11.14 19.37		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-2B**
Lab Sample Id : 480839-005
Sample Depth : 8 - 10 ft

Matrix : Soil
Date Collected : 03.07.14 11.40
Date Received : 03.08.14 11.40

% Moisture : 16.32
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.11.14 15.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0295	mg/kg	03.11.14 20.27		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-3A**
Lab Sample Id : 480839-007
Sample Depth : 0 - 2 ft

Matrix : Soil
Date Collected : 03.07.14 11.05
Date Received : 03.08.14 11.40

% Moisture : 16.59
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.11.14 15.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0670	mg/kg	03.11.14 21.18		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-3B**
Lab Sample Id : 480839-008
Sample Depth : 8 - 10 ft

Matrix : Soil
Date Collected : 03.07.14 11.15
Date Received : 03.08.14 11.40

% Moisture : 13.28
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.11.14 15.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.00941	mg/kg	03.11.14 21.43		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-4A**
Lab Sample Id : 480839-010
Sample Depth : 0 - 2 ft

Matrix : Soil
Date Collected : 03.07.14 10.40
Date Received : 03.08.14 11.40

% Moisture : 13.5
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.11.14 15.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0395	mg/kg	03.11.14 22.35		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-4B**
Lab Sample Id : 480839-011
Sample Depth : 8 - 10 ft

Matrix : Soil
Date Collected : 03.07.14 10.49
Date Received : 03.08.14 11.40

% Moisture : 29.77
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.11.14 15.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0989	mg/kg	03.11.14 23.00		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-4C**
Lab Sample Id : 480839-012
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 03.07.14 10.58
Date Received : 03.08.14 11.40

% Moisture : 17.41
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.11.14 15.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.171	mg/kg	03.11.14 23.25		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-5A**
Lab Sample Id : 480839-013
Sample Depth : 0 - 2 ft

Matrix : Soil
Date Collected : 03.07.14 09.32
Date Received : 03.08.14 11.40

% Moisture : 19.05
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.11.14 15.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0246	mg/kg	03.11.14 23.51		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-5B**
Lab Sample Id : 480839-014
Sample Depth : 8 - 10 ft

Matrix : Soil
Date Collected : 03.07.14 09.48
Date Received : 03.08.14 11.40

% Moisture : 15.4
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.11.14 15.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.00718	mg/kg	03.12.14 00.16		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-5C**
Lab Sample Id : 480839-015
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 03.07.14 09.55
Date Received : 03.08.14 11.40

% Moisture : 20.58
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.11.14 15.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Trichloroethene	79-01-6	0.0108	mg/kg	03.12.14 00.42		1

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.12.14 05.58

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	1.50	mg/kg	03.12.14 12.40	D	50

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-6A**
Lab Sample Id : 480839-016
Sample Depth : 0 - 2 ft

Matrix : Soil
Date Collected : 03.07.14 10.18
Date Received : 03.08.14 11.40

% Moisture : 23.99
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.11.14 15.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.00512	mg/kg	03.12.14 01.07		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-6C**
Lab Sample Id : 480839-018
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 03.07.14 10.35
Date Received : 03.08.14 11.40

% Moisture : 24.84
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.12.14 05.58

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	2.93	mg/kg	03.12.14 13.07	D	50

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-7A**
Lab Sample Id : 480839-019
Sample Depth : 0 - 2 ft

Matrix : Soil
Date Collected : 03.07.14 17.06
Date Received : 03.08.14 11.40

% Moisture : 14.53
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.11.14 15.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0635	mg/kg	03.12.14 02.24		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-7B**
Lab Sample Id : 480839-020
Sample Depth : 8 - 10 ft

Matrix : Soil
Date Collected : 03.07.14 17.19
Date Received : 03.08.14 11.40

% Moisture : 13.7
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 935933

Prep Method: SW5035A
Date Prep: 03.11.14 15.52

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	0.0778	mg/kg	03.12.14 02.49		1
Tetrachloroethene	127-18-4	0.146	mg/kg	03.12.14 02.49		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-7C**
Lab Sample Id : 480839-021
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 03.07.14 17.30
Date Received : 03.08.14 11.40

% Moisture : 15.91
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 936024

Prep Method: SW5035A
Date Prep: 03.12.14 07.05

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0223	mg/kg	03.12.14 10.24		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-8A**
Lab Sample Id : 480839-022
Sample Depth : 0 - 2 ft

Matrix : Soil
Date Collected : 03.07.14 17.36
Date Received : 03.08.14 11.40

% Moisture : 13.29
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 936024

Prep Method: SW5035A
Date Prep: 03.12.14 07.05

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0244	mg/kg	03.12.14 10.49		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-8C**
Lab Sample Id : 480839-024
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 03.07.14 17.54
Date Received : 03.08.14 11.40

% Moisture : 17.18
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 936024

Prep Method: SW5035A
Date Prep: 03.12.14 05.58

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	1.34	mg/kg	03.12.14 13.34	D	50

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-9A**
Lab Sample Id : 480839-025
Sample Depth : 0 - 2 ft

Matrix : Soil
Date Collected : 03.07.14 17.45
Date Received : 03.08.14 11.40

% Moisture : 13.84
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 936024

Prep Method: SW5035A
Date Prep: 03.12.14 07.05

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0214	mg/kg	03.12.14 12.06		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-9B**
Lab Sample Id : 480839-026
Sample Depth : 8 - 10 ft

Matrix : Soil
Date Collected : 03.07.14 17.56
Date Received : 03.08.14 11.40

% Moisture : 20
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 936024

Prep Method: SW5035A
Date Prep: 03.12.14 07.05

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0439	mg/kg	03.12.14 12.31		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-9C**
Lab Sample Id : 480839-027
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 03.07.14 18.03
Date Received : 03.08.14 11.40

% Moisture : 18.12
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 936024

Prep Method: SW5035A
Date Prep: 03.12.14 05.58

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.387	mg/kg	03.12.14 14.00	D	50

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-10B**
Lab Sample Id : 480839-029
Sample Depth : 8 - 10 ft

Matrix : Soil
Date Collected : 03.07.14 17.25
Date Received : 03.08.14 11.40

% Moisture : 16.39
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 936024

Prep Method: SW5035A
Date Prep: 03.12.14 07.05

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.00993	mg/kg	03.12.14 13.47		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-10C**
Lab Sample Id : 480839-030
Sample Depth : 13 - 15 ft

Matrix : Soil
Date Collected : 03.07.14 17.30
Date Received : 03.08.14 11.40

% Moisture : 17.88
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 936024

Prep Method: SW5035A
Date Prep: 03.12.14 07.05

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0295	mg/kg	03.12.14 14.13		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **LY-1A**
Lab Sample Id : 480839-031
Sample Depth : 2 - 2.5 ft

Matrix : Soil
Date Collected : 03.07.14 14.50
Date Received : 03.08.14 11.40

% Moisture : 14.19
Basis : Dry Weight

Analytical Method : RCRA Metals by SW-846 6010C
Seq Number 936081

Prep Method: SW3050B
Date Prep: 03.12.14 13.12

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Barium	7440-39-3	141	mg/kg	03.13.14 15.29		1
Cadmium	7440-43-9	1.40	mg/kg	03.13.14 15.29		1
Chromium	7440-47-3	29.9	mg/kg	03.13.14 15.29		1
Lead	7439-92-1	21.6	mg/kg	03.13.14 15.29		1

Analytical Method : VOCs by SW-846 8260B
Seq Number 936024

Prep Method: SW5035A
Date Prep: 03.12.14 07.05

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	0.181	mg/kg	03.12.14 14.38		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **LY-2A**
Lab Sample Id : 480839-033
Sample Depth : 0 - 2 ft

Matrix : Soil
Date Collected : 03.07.14 15.25
Date Received : 03.08.14 11.40

% Moisture : 16.78
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 936024

Prep Method: SW5035A
Date Prep: 03.12.14 07.05

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	0.0830	mg/kg	03.12.14 15.29		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **LY-2B**
Lab Sample Id : 480839-034
Sample Depth : 12 - 14 ft

Matrix : Soil
Date Collected : 03.07.14 15.40
Date Received : 03.08.14 11.40

% Moisture : 19.07
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 936024

Prep Method: SW5035A
Date Prep: 03.12.14 07.05

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	0.0976	mg/kg	03.12.14 15.54		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **LY-2**
Lab Sample Id : 480839-035

Matrix : Water
Date Collected : 03.07.14 16.10
Date Received : 03.08.14 11.40

% Moisture :

Analytical Method : SVOCs by SW-846 8270D
Seq Number 936257

Prep Method: SW3510C
Date Prep: 03.12.14 14.00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
bis(2-ethylhexyl) phthalate	117-81-7	57.2	ug/L	03.14.14 19.14		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **LY-3**
Lab Sample Id : 480839-037

Matrix : Water
Date Collected : 03.07.14 16.25
Date Received : 03.08.14 11.40

% Moisture :

Analytical Method : SVOCs by SW-846 8270D
Seq Number 936257

Prep Method: SW3510C
Date Prep: 03.12.14 14.00

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
bis(2-ethylhexyl) phthalate	117-81-7	16.7	ug/L	03.14.14 19.41		1

Hits Summary 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **WD-4**
Lab Sample Id : 480839-038

Matrix : Water
Date Collected : 03.07.14 13.53
Date Received : 03.08.14 11.40

% Moisture :

Analytical Method : VOCs by SW-846 8260B
Seq Number 935932

Prep Method: SW5030B
Date Prep: 03.11.14 06.17

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	40.6	ug/L	03.11.14 09.49		1
trans-1,2-Dichloroethene	156-60-5	22.1	ug/L	03.11.14 09.49		1
Trichloroethene	79-01-6	8.64	ug/L	03.11.14 09.49		1

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-1A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-001	Date Collected:	03.07.14 12.00	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	12.54
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0612	mg/kg	03.12.14 09.58	U	1
2-Hexanone	591-78-6	BRL	0.0612	mg/kg	03.12.14 09.58	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0612	mg/kg	03.12.14 09.58	U	1
Acetone	67-64-1	BRL	0.0612	mg/kg	03.12.14 09.58	U	1
Benzene	71-43-2	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Bromochloromethane	74-97-5	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Bromodichloromethane	75-27-4	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Bromoform	75-25-2	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Bromomethane	74-83-9	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Carbon disulfide	75-15-0	BRL	0.0245	mg/kg	03.12.14 09.58	U	1
Carbon tetrachloride	56-23-5	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Chlorobenzene	108-90-7	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Chloroethane	75-00-3	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Chloroform	67-66-3	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Chloromethane	74-87-3	BRL	0.0122	mg/kg	03.12.14 09.58	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Cyclohexane	110-82-7	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Dibromochloromethane	124-48-1	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Ethylbenzene	100-41-4	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Isopropylbenzene	98-82-8	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
m,p-Xylenes	179601-23-1	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Methyl acetate	79-20-9	BRL	0.00612	mg/kg	03.12.14 09.58	U	1

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-1A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-001	Date Collected:	03.07.14 12.00	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	12.54
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Methylcyclohexane	108-87-2	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Methylene chloride	75-09-2	BRL	0.0245	mg/kg	03.12.14 09.58	U	1
o-Xylene	95-47-6	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Styrene	100-42-5	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Tetrachloroethene	127-18-4	**0.0103**	0.00612	mg/kg	03.12.14 09.58		1
Toluene	108-88-3	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Trichloroethene	79-01-6	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00612	mg/kg	03.12.14 09.58	U	1
Vinyl chloride	75-01-4	BRL	0.00612	mg/kg	03.12.14 09.58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	115	%	50-150	03.12.14 09.58	
4-Bromofluorobenzene	460-00-4	95	%	57-158	03.12.14 09.58	
Toluene-D8	2037-26-5	95	%	50-150	03.12.14 09.58	

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-1B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-002	Date Collected:	03.07.14 12.07	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.8
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0710	mg/kg	03.11.14 19.11	U	1
2-Hexanone	591-78-6	BRL	0.0710	mg/kg	03.11.14 19.11	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0710	mg/kg	03.11.14 19.11	U	1
Acetone	67-64-1	BRL	0.0710	mg/kg	03.11.14 19.11	U	1
Benzene	71-43-2	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Bromochloromethane	74-97-5	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Bromodichloromethane	75-27-4	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Bromoform	75-25-2	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Bromomethane	74-83-9	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Carbon disulfide	75-15-0	BRL	0.0284	mg/kg	03.11.14 19.11	U	1
Carbon tetrachloride	56-23-5	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Chlorobenzene	108-90-7	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Chloroethane	75-00-3	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Chloroform	67-66-3	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Chloromethane	74-87-3	BRL	0.0142	mg/kg	03.11.14 19.11	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Cyclohexane	110-82-7	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Dibromochloromethane	124-48-1	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Ethylbenzene	100-41-4	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Isopropylbenzene	98-82-8	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
m,p-Xylenes	179601-23-1	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Methyl acetate	79-20-9	BRL	0.00710	mg/kg	03.11.14 19.11	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-1B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-002	Date Collected:	03.07.14 12.07	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.8
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Methylcyclohexane	108-87-2	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Methylene chloride	75-09-2	BRL	0.0284	mg/kg	03.11.14 19.11	U	1
o-Xylene	95-47-6	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Styrene	100-42-5	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Tetrachloroethene	127-18-4	**0.0151**	0.00710	mg/kg	03.11.14 19.11		1
Toluene	108-88-3	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Trichloroethene	79-01-6	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00710	mg/kg	03.11.14 19.11	U	1
Vinyl chloride	75-01-4	BRL	0.00710	mg/kg	03.11.14 19.11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	118	%	50-150	03.11.14 19.11	
4-Bromofluorobenzene	460-00-4	96	%	57-158	03.11.14 19.11	
Toluene-D8	2037-26-5	93	%	50-150	03.11.14 19.11	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-1C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-003	Date Collected:	03.07.14 12.14	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	10.3
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0575	mg/kg	03.11.14 19.37	U	1
2-Hexanone	591-78-6	BRL	0.0575	mg/kg	03.11.14 19.37	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0575	mg/kg	03.11.14 19.37	U	1
Acetone	67-64-1	BRL	0.0575	mg/kg	03.11.14 19.37	U	1
Benzene	71-43-2	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Bromochloromethane	74-97-5	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Bromodichloromethane	75-27-4	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Bromoform	75-25-2	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Bromomethane	74-83-9	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Carbon disulfide	75-15-0	BRL	0.0230	mg/kg	03.11.14 19.37	U	1
Carbon tetrachloride	56-23-5	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Chlorobenzene	108-90-7	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Chloroethane	75-00-3	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Chloroform	67-66-3	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Chloromethane	74-87-3	BRL	0.0115	mg/kg	03.11.14 19.37	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Cyclohexane	110-82-7	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Dibromochloromethane	124-48-1	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Ethylbenzene	100-41-4	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Isopropylbenzene	98-82-8	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
m,p-Xylenes	179601-23-1	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Methyl acetate	79-20-9	BRL	0.00575	mg/kg	03.11.14 19.37	U	1

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Imperial Cleaners

Sample Id:	**SD-1C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-003	Date Collected:	03.07.14 12.14	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	10.3
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Methylcyclohexane	108-87-2	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Methylene chloride	75-09-2	BRL	0.0230	mg/kg	03.11.14 19.37	U	1
o-Xylene	95-47-6	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Styrene	100-42-5	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Tetrachloroethene	127-18-4	**0.0551**	0.00575	mg/kg	03.11.14 19.37		1
Toluene	108-88-3	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Trichloroethene	79-01-6	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00575	mg/kg	03.11.14 19.37	U	1
Vinyl chloride	75-01-4	BRL	0.00575	mg/kg	03.11.14 19.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	114	%	50-150	03.11.14 19.37	
4-Bromofluorobenzene	460-00-4	101	%	57-158	03.11.14 19.37	
Toluene-D8	2037-26-5	96	%	50-150	03.11.14 19.37	

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Contour Engineering, LLC, Kennesaw, GA

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Sample Id:	**SD-2A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-004	Date Collected:	03.07.14 11.33	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	21.79
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0476	mg/kg	03.11.14 20.02	U	1
2-Hexanone	591-78-6	BRL	0.0476	mg/kg	03.11.14 20.02	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0476	mg/kg	03.11.14 20.02	U	1
Acetone	67-64-1	BRL	0.0476	mg/kg	03.11.14 20.02	U	1
Benzene	71-43-2	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Bromochloromethane	74-97-5	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Bromodichloromethane	75-27-4	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Bromoform	75-25-2	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Bromomethane	74-83-9	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Carbon disulfide	75-15-0	BRL	0.0190	mg/kg	03.11.14 20.02	U	1
Carbon tetrachloride	56-23-5	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Chlorobenzene	108-90-7	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Chloroethane	75-00-3	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Chloroform	67-66-3	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Chloromethane	74-87-3	BRL	0.00951	mg/kg	03.11.14 20.02	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Cyclohexane	110-82-7	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Dibromochloromethane	124-48-1	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Ethylbenzene	100-41-4	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Isopropylbenzene	98-82-8	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
m,p-Xylenes	179601-23-1	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Methyl acetate	79-20-9	BRL	0.00476	mg/kg	03.11.14 20.02	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-2A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-004	Date Collected:	03.07.14 11.33	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	21.79
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Methylcyclohexane	108-87-2	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Methylene chloride	75-09-2	BRL	0.0190	mg/kg	03.11.14 20.02	U	1
o-Xylene	95-47-6	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Styrene	100-42-5	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Tetrachloroethene	127-18-4	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Toluene	108-88-3	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Trichloroethene	79-01-6	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00476	mg/kg	03.11.14 20.02	U	1
Vinyl chloride	75-01-4	BRL	0.00476	mg/kg	03.11.14 20.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	115	%	50-150	03.11.14 20.02	
4-Bromofluorobenzene	460-00-4	98	%	57-158	03.11.14 20.02	
Toluene-D8	2037-26-5	97	%	50-150	03.11.14 20.02	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-2B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-005	Date Collected:	03.07.14 11.40	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.32
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0473	mg/kg	03.11.14 20.27	U	1
2-Hexanone	591-78-6	BRL	0.0473	mg/kg	03.11.14 20.27	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0473	mg/kg	03.11.14 20.27	U	1
Acetone	67-64-1	BRL	0.0473	mg/kg	03.11.14 20.27	U	1
Benzene	71-43-2	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Bromochloromethane	74-97-5	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Bromodichloromethane	75-27-4	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Bromoform	75-25-2	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Bromomethane	74-83-9	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Carbon disulfide	75-15-0	BRL	0.0189	mg/kg	03.11.14 20.27	U	1
Carbon tetrachloride	56-23-5	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Chlorobenzene	108-90-7	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Chloroethane	75-00-3	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Chloroform	67-66-3	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Chloromethane	74-87-3	BRL	0.00947	mg/kg	03.11.14 20.27	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Cyclohexane	110-82-7	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Dibromochloromethane	124-48-1	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Ethylbenzene	100-41-4	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Isopropylbenzene	98-82-8	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
m,p-Xylenes	179601-23-1	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Methyl acetate	79-20-9	BRL	0.00473	mg/kg	03.11.14 20.27	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-2B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-005	Date Collected:	03.07.14 11.40	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.32
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Methylcyclohexane	108-87-2	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Methylene chloride	75-09-2	BRL	0.0189	mg/kg	03.11.14 20.27	U	1
o-Xylene	95-47-6	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Styrene	100-42-5	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Tetrachloroethene	127-18-4	**0.0295**	0.00473	mg/kg	03.11.14 20.27		1
Toluene	108-88-3	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Trichloroethene	79-01-6	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00473	mg/kg	03.11.14 20.27	U	1
Vinyl chloride	75-01-4	BRL	0.00473	mg/kg	03.11.14 20.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	115	%	50-150	03.11.14 20.27	
4-Bromofluorobenzene	460-00-4	97	%	57-158	03.11.14 20.27	
Toluene-D8	2037-26-5	98	%	50-150	03.11.14 20.27	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-2C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-006	Date Collected:	03.07.14 11.51	Sample Depth:	16 - 17 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	8.39
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0512	mg/kg	03.11.14 20.53	U	1
2-Hexanone	591-78-6	BRL	0.0512	mg/kg	03.11.14 20.53	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0512	mg/kg	03.11.14 20.53	U	1
Acetone	67-64-1	BRL	0.0512	mg/kg	03.11.14 20.53	U	1
Benzene	71-43-2	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Bromochloromethane	74-97-5	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Bromodichloromethane	75-27-4	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Bromoform	75-25-2	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Bromomethane	74-83-9	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Carbon disulfide	75-15-0	BRL	0.0205	mg/kg	03.11.14 20.53	U	1
Carbon tetrachloride	56-23-5	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Chlorobenzene	108-90-7	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Chloroethane	75-00-3	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Chloroform	67-66-3	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Chloromethane	74-87-3	BRL	0.0102	mg/kg	03.11.14 20.53	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Cyclohexane	110-82-7	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Dibromochloromethane	124-48-1	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Ethylbenzene	100-41-4	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Isopropylbenzene	98-82-8	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
m,p-Xylenes	179601-23-1	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Methyl acetate	79-20-9	BRL	0.00512	mg/kg	03.11.14 20.53	U	1

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Sample Id:	**SD-2C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-006	Date Collected:	03.07.14 11.51	Sample Depth:	16 - 17 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	8.39
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Methylcyclohexane	108-87-2	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Methylene chloride	75-09-2	BRL	0.0205	mg/kg	03.11.14 20.53	U	1
o-Xylene	95-47-6	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Styrene	100-42-5	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Tetrachloroethene	127-18-4	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Toluene	108-88-3	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Trichloroethene	79-01-6	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00512	mg/kg	03.11.14 20.53	U	1
Vinyl chloride	75-01-4	BRL	0.00512	mg/kg	03.11.14 20.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	120	%	50-150	03.11.14 20.53	
4-Bromofluorobenzene	460-00-4	95	%	57-158	03.11.14 20.53	
Toluene-D8	2037-26-5	97	%	50-150	03.11.14 20.53	

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Sample Id:	**SD-3A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-007	Date Collected:	03.07.14 11.05	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.59
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0654	mg/kg	03.11.14 21.18	U	1
2-Hexanone	591-78-6	BRL	0.0654	mg/kg	03.11.14 21.18	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0654	mg/kg	03.11.14 21.18	U	1
Acetone	67-64-1	BRL	0.0654	mg/kg	03.11.14 21.18	U	1
Benzene	71-43-2	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Bromochloromethane	74-97-5	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Bromodichloromethane	75-27-4	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Bromoform	75-25-2	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Bromomethane	74-83-9	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Carbon disulfide	75-15-0	BRL	0.0262	mg/kg	03.11.14 21.18	U	1
Carbon tetrachloride	56-23-5	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Chlorobenzene	108-90-7	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Chloroethane	75-00-3	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Chloroform	67-66-3	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Chloromethane	74-87-3	BRL	0.0131	mg/kg	03.11.14 21.18	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Cyclohexane	110-82-7	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Dibromochloromethane	124-48-1	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Ethylbenzene	100-41-4	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Isopropylbenzene	98-82-8	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
m,p-Xylenes	179601-23-1	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Methyl acetate	79-20-9	BRL	0.00654	mg/kg	03.11.14 21.18	U	1

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Sample Id:	**SD-3A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-007	Date Collected:	03.07.14 11.05	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.59
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Methylcyclohexane	108-87-2	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Methylene chloride	75-09-2	BRL	0.0262	mg/kg	03.11.14 21.18	U	1
o-Xylene	95-47-6	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Styrene	100-42-5	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Tetrachloroethene	127-18-4	**0.0670**	0.00654	mg/kg	03.11.14 21.18		1
Toluene	108-88-3	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Trichloroethene	79-01-6	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00654	mg/kg	03.11.14 21.18	U	1
Vinyl chloride	75-01-4	BRL	0.00654	mg/kg	03.11.14 21.18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	124	%	50-150	03.11.14 21.18	
4-Bromofluorobenzene	460-00-4	100	%	57-158	03.11.14 21.18	
Toluene-D8	2037-26-5	93	%	50-150	03.11.14 21.18	

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Sample Id:	**SD-3B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-008	Date Collected:	03.07.14 11.15	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	13.28
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0567	mg/kg	03.11.14 21.43	U	1
2-Hexanone	591-78-6	BRL	0.0567	mg/kg	03.11.14 21.43	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0567	mg/kg	03.11.14 21.43	U	1
Acetone	67-64-1	BRL	0.0567	mg/kg	03.11.14 21.43	U	1
Benzene	71-43-2	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Bromochloromethane	74-97-5	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Bromodichloromethane	75-27-4	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Bromoform	75-25-2	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Bromomethane	74-83-9	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Carbon disulfide	75-15-0	BRL	0.0227	mg/kg	03.11.14 21.43	U	1
Carbon tetrachloride	56-23-5	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Chlorobenzene	108-90-7	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Chloroethane	75-00-3	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Chloroform	67-66-3	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Chloromethane	74-87-3	BRL	0.0113	mg/kg	03.11.14 21.43	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Cyclohexane	110-82-7	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Dibromochloromethane	124-48-1	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Ethylbenzene	100-41-4	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Isopropylbenzene	98-82-8	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
m,p-Xylenes	179601-23-1	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Methyl acetate	79-20-9	BRL	0.00567	mg/kg	03.11.14 21.43	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-3B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-008	Date Collected:	03.07.14 11.15	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	13.28
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Methylcyclohexane	108-87-2	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Methylene chloride	75-09-2	BRL	0.0227	mg/kg	03.11.14 21.43	U	1
o-Xylene	95-47-6	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Styrene	100-42-5	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Tetrachloroethene	127-18-4	**0.00941**	0.00567	mg/kg	03.11.14 21.43		1
Toluene	108-88-3	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Trichloroethene	79-01-6	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00567	mg/kg	03.11.14 21.43	U	1
Vinyl chloride	75-01-4	BRL	0.00567	mg/kg	03.11.14 21.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	113	%	50-150	03.11.14 21.43	
4-Bromofluorobenzene	460-00-4	93	%	57-158	03.11.14 21.43	
Toluene-D8	2037-26-5	98	%	50-150	03.11.14 21.43	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-3C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-009	Date Collected:	03.07.14 11.25	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	8.66
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0510	mg/kg	03.11.14 22.09	U	1
2-Hexanone	591-78-6	BRL	0.0510	mg/kg	03.11.14 22.09	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0510	mg/kg	03.11.14 22.09	U	1
Acetone	67-64-1	BRL	0.0510	mg/kg	03.11.14 22.09	U	1
Benzene	71-43-2	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Bromochloromethane	74-97-5	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Bromodichloromethane	75-27-4	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Bromoform	75-25-2	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Bromomethane	74-83-9	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Carbon disulfide	75-15-0	BRL	0.0204	mg/kg	03.11.14 22.09	U	1
Carbon tetrachloride	56-23-5	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Chlorobenzene	108-90-7	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Chloroethane	75-00-3	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Chloroform	67-66-3	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Chloromethane	74-87-3	BRL	0.0102	mg/kg	03.11.14 22.09	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Cyclohexane	110-82-7	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Dibromochloromethane	124-48-1	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Ethylbenzene	100-41-4	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Isopropylbenzene	98-82-8	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
m,p-Xylenes	179601-23-1	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Methyl acetate	79-20-9	BRL	0.00510	mg/kg	03.11.14 22.09	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-3C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-009	Date Collected:	03.07.14 11.25	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	8.66
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Methylcyclohexane	108-87-2	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Methylene chloride	75-09-2	BRL	0.0204	mg/kg	03.11.14 22.09	U	1
o-Xylene	95-47-6	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Styrene	100-42-5	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Tetrachloroethene	127-18-4	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Toluene	108-88-3	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Trichloroethene	79-01-6	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00510	mg/kg	03.11.14 22.09	U	1
Vinyl chloride	75-01-4	BRL	0.00510	mg/kg	03.11.14 22.09	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	119	%	50-150	03.11.14 22.09	
4-Bromofluorobenzene	460-00-4	94	%	57-158	03.11.14 22.09	
Toluene-D8	2037-26-5	97	%	50-150	03.11.14 22.09	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-4A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-010	Date Collected:	03.07.14 10.40	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	13.5
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0651	mg/kg	03.11.14 22.35	U	1
2-Hexanone	591-78-6	BRL	0.0651	mg/kg	03.11.14 22.35	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0651	mg/kg	03.11.14 22.35	U	1
Acetone	67-64-1	BRL	0.0651	mg/kg	03.11.14 22.35	U	1
Benzene	71-43-2	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Bromochloromethane	74-97-5	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Bromodichloromethane	75-27-4	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Bromoform	75-25-2	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Bromomethane	74-83-9	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Carbon disulfide	75-15-0	BRL	0.0260	mg/kg	03.11.14 22.35	U	1
Carbon tetrachloride	56-23-5	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Chlorobenzene	108-90-7	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Chloroethane	75-00-3	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Chloroform	67-66-3	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Chloromethane	74-87-3	BRL	0.0130	mg/kg	03.11.14 22.35	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Cyclohexane	110-82-7	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Dibromochloromethane	124-48-1	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Ethylbenzene	100-41-4	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Isopropylbenzene	98-82-8	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
m,p-Xylenes	179601-23-1	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Methyl acetate	79-20-9	BRL	0.00651	mg/kg	03.11.14 22.35	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-4A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-010	Date Collected:	03.07.14 10.40	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	13.5
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Methylcyclohexane	108-87-2	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Methylene chloride	75-09-2	BRL	0.0260	mg/kg	03.11.14 22.35	U	1
o-Xylene	95-47-6	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Styrene	100-42-5	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Tetrachloroethene	127-18-4	**0.0395**	0.00651	mg/kg	03.11.14 22.35		1
Toluene	108-88-3	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Trichloroethene	79-01-6	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00651	mg/kg	03.11.14 22.35	U	1
Vinyl chloride	75-01-4	BRL	0.00651	mg/kg	03.11.14 22.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	121	%	50-150	03.11.14 22.35	
4-Bromofluorobenzene	460-00-4	94	%	57-158	03.11.14 22.35	
Toluene-D8	2037-26-5	94	%	50-150	03.11.14 22.35	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-4B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-011	Date Collected:	03.07.14 10.49	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	29.77
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0735	mg/kg	03.11.14 23.00	U	1
2-Hexanone	591-78-6	BRL	0.0735	mg/kg	03.11.14 23.00	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0735	mg/kg	03.11.14 23.00	U	1
Acetone	67-64-1	BRL	0.0735	mg/kg	03.11.14 23.00	U	1
Benzene	71-43-2	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Bromochloromethane	74-97-5	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Bromodichloromethane	75-27-4	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Bromoform	75-25-2	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Bromomethane	74-83-9	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Carbon disulfide	75-15-0	BRL	0.0294	mg/kg	03.11.14 23.00	U	1
Carbon tetrachloride	56-23-5	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Chlorobenzene	108-90-7	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Chloroethane	75-00-3	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Chloroform	67-66-3	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Chloromethane	74-87-3	BRL	0.0147	mg/kg	03.11.14 23.00	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Cyclohexane	110-82-7	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Dibromochloromethane	124-48-1	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Ethylbenzene	100-41-4	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Isopropylbenzene	98-82-8	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
m,p-Xylenes	179601-23-1	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Methyl acetate	79-20-9	BRL	0.00735	mg/kg	03.11.14 23.00	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-4B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-011	Date Collected:	03.07.14 10.49	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	29.77
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Methylcyclohexane	108-87-2	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Methylene chloride	75-09-2	BRL	0.0294	mg/kg	03.11.14 23.00	U	1
o-Xylene	95-47-6	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Styrene	100-42-5	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Tetrachloroethene	127-18-4	**0.0989**	0.00735	mg/kg	03.11.14 23.00		1
Toluene	108-88-3	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Trichloroethene	79-01-6	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00735	mg/kg	03.11.14 23.00	U	1
Vinyl chloride	75-01-4	BRL	0.00735	mg/kg	03.11.14 23.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	113	%	50-150	03.11.14 23.00	
4-Bromofluorobenzene	460-00-4	98	%	57-158	03.11.14 23.00	
Toluene-D8	2037-26-5	98	%	50-150	03.11.14 23.00	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-4C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-012	Date Collected:	03.07.14 10.58	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	17.41
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0560	mg/kg	03.11.14 23.25	U	1
2-Hexanone	591-78-6	BRL	0.0560	mg/kg	03.11.14 23.25	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0560	mg/kg	03.11.14 23.25	U	1
Acetone	67-64-1	BRL	0.0560	mg/kg	03.11.14 23.25	U	1
Benzene	71-43-2	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Bromochloromethane	74-97-5	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Bromodichloromethane	75-27-4	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Bromoform	75-25-2	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Bromomethane	74-83-9	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Carbon disulfide	75-15-0	BRL	0.0224	mg/kg	03.11.14 23.25	U	1
Carbon tetrachloride	56-23-5	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Chlorobenzene	108-90-7	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Chloroethane	75-00-3	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Chloroform	67-66-3	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Chloromethane	74-87-3	BRL	0.0112	mg/kg	03.11.14 23.25	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Cyclohexane	110-82-7	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Dibromochloromethane	124-48-1	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Ethylbenzene	100-41-4	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Isopropylbenzene	98-82-8	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
m,p-Xylenes	179601-23-1	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Methyl acetate	79-20-9	BRL	0.00560	mg/kg	03.11.14 23.25	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-4C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-012	Date Collected:	03.07.14 10.58	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	17.41
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Methylcyclohexane	108-87-2	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Methylene chloride	75-09-2	BRL	0.0224	mg/kg	03.11.14 23.25	U	1
o-Xylene	95-47-6	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Styrene	100-42-5	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Tetrachloroethene	127-18-4	**0.171**	0.00560	mg/kg	03.11.14 23.25		1
Toluene	108-88-3	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Trichloroethene	79-01-6	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00560	mg/kg	03.11.14 23.25	U	1
Vinyl chloride	75-01-4	BRL	0.00560	mg/kg	03.11.14 23.25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	116	%	50-150	03.11.14 23.25	
4-Bromofluorobenzene	460-00-4	103	%	57-158	03.11.14 23.25	
Toluene-D8	2037-26-5	96	%	50-150	03.11.14 23.25	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-5A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-013	Date Collected:	03.07.14 09.32	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	19.05
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0570	mg/kg	03.11.14 23.51	U	1
2-Hexanone	591-78-6	BRL	0.0570	mg/kg	03.11.14 23.51	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0570	mg/kg	03.11.14 23.51	U	1
Acetone	67-64-1	BRL	0.0570	mg/kg	03.11.14 23.51	U	1
Benzene	71-43-2	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Bromochloromethane	74-97-5	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Bromodichloromethane	75-27-4	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Bromoform	75-25-2	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Bromomethane	74-83-9	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Carbon disulfide	75-15-0	BRL	0.0228	mg/kg	03.11.14 23.51	U	1
Carbon tetrachloride	56-23-5	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Chlorobenzene	108-90-7	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Chloroethane	75-00-3	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Chloroform	67-66-3	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Chloromethane	74-87-3	BRL	0.0114	mg/kg	03.11.14 23.51	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Cyclohexane	110-82-7	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Dibromochloromethane	124-48-1	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Ethylbenzene	100-41-4	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Isopropylbenzene	98-82-8	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
m,p-Xylenes	179601-23-1	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Methyl acetate	79-20-9	BRL	0.00570	mg/kg	03.11.14 23.51	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-5A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-013	Date Collected:	03.07.14 09.32	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	19.05
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Methylcyclohexane	108-87-2	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Methylene chloride	75-09-2	BRL	0.0228	mg/kg	03.11.14 23.51	U	1
o-Xylene	95-47-6	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Styrene	100-42-5	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Tetrachloroethene	127-18-4	**0.0246**	0.00570	mg/kg	03.11.14 23.51		1
Toluene	108-88-3	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Trichloroethene	79-01-6	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00570	mg/kg	03.11.14 23.51	U	1
Vinyl chloride	75-01-4	BRL	0.00570	mg/kg	03.11.14 23.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	122	%	50-150	03.11.14 23.51	
4-Bromofluorobenzene	460-00-4	94	%	57-158	03.11.14 23.51	
Toluene-D8	2037-26-5	95	%	50-150	03.11.14 23.51	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-5B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-014	Date Collected:	03.07.14 09.48	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	15.4
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0506	mg/kg	03.12.14 00.16	U	1
2-Hexanone	591-78-6	BRL	0.0506	mg/kg	03.12.14 00.16	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0506	mg/kg	03.12.14 00.16	U	1
Acetone	67-64-1	BRL	0.0506	mg/kg	03.12.14 00.16	U	1
Benzene	71-43-2	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Bromochloromethane	74-97-5	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Bromodichloromethane	75-27-4	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Bromoform	75-25-2	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Bromomethane	74-83-9	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Carbon disulfide	75-15-0	BRL	0.0202	mg/kg	03.12.14 00.16	U	1
Carbon tetrachloride	56-23-5	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Chlorobenzene	108-90-7	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Chloroethane	75-00-3	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Chloroform	67-66-3	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Chloromethane	74-87-3	BRL	0.0101	mg/kg	03.12.14 00.16	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Cyclohexane	110-82-7	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Dibromochloromethane	124-48-1	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Ethylbenzene	100-41-4	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Isopropylbenzene	98-82-8	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
m,p-Xylenes	179601-23-1	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Methyl acetate	79-20-9	BRL	0.00506	mg/kg	03.12.14 00.16	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-5B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-014	Date Collected:	03.07.14 09.48	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	15.4
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Methylcyclohexane	108-87-2	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Methylene chloride	75-09-2	BRL	0.0202	mg/kg	03.12.14 00.16	U	1
o-Xylene	95-47-6	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Styrene	100-42-5	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Tetrachloroethene	127-18-4	**0.00718**	0.00506	mg/kg	03.12.14 00.16		1
Toluene	108-88-3	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Trichloroethene	79-01-6	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00506	mg/kg	03.12.14 00.16	U	1
Vinyl chloride	75-01-4	BRL	0.00506	mg/kg	03.12.14 00.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	111	%	50-150	03.12.14 00.16	
4-Bromofluorobenzene	460-00-4	96	%	57-158	03.12.14 00.16	
Toluene-D8	2037-26-5	97	%	50-150	03.12.14 00.16	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-5C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-015	Date Collected:	03.07.14 09.55	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	20.58
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0393	mg/kg	03.12.14 00.42	U	1
2-Hexanone	591-78-6	BRL	0.0393	mg/kg	03.12.14 00.42	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0393	mg/kg	03.12.14 00.42	U	1
Acetone	67-64-1	BRL	0.0393	mg/kg	03.12.14 00.42	U	1
Benzene	71-43-2	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Bromochloromethane	74-97-5	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Bromodichloromethane	75-27-4	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Bromoform	75-25-2	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Bromomethane	74-83-9	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Carbon disulfide	75-15-0	BRL	0.0157	mg/kg	03.12.14 00.42	U	1
Carbon tetrachloride	56-23-5	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Chlorobenzene	108-90-7	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Chloroethane	75-00-3	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Chloroform	67-66-3	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Chloromethane	74-87-3	BRL	0.00787	mg/kg	03.12.14 00.42	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Cyclohexane	110-82-7	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Dibromochloromethane	124-48-1	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Ethylbenzene	100-41-4	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Isopropylbenzene	98-82-8	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
m,p-Xylenes	179601-23-1	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Methyl acetate	79-20-9	BRL	0.00393	mg/kg	03.12.14 00.42	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-5C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-015	Date Collected:	03.07.14 09.55	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	20.58
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Methylcyclohexane	108-87-2	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Methylene chloride	75-09-2	BRL	0.0157	mg/kg	03.12.14 00.42	U	1
o-Xylene	95-47-6	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Styrene	100-42-5	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Tetrachloroethene	127-18-4	**1.50**	0.294	mg/kg	03.12.14 12.40	D	50
Toluene	108-88-3	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Trichloroethene	79-01-6	**0.0108**	0.00393	mg/kg	03.12.14 00.42		1
Trichlorofluoromethane	75-69-4	BRL	0.00393	mg/kg	03.12.14 00.42	U	1
Vinyl chloride	75-01-4	BRL	0.00393	mg/kg	03.12.14 00.42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	114	%	50-150	03.12.14 00.42	
4-Bromofluorobenzene	460-00-4	97	%	57-158	03.12.14 00.42	
Toluene-D8	2037-26-5	93	%	50-150	03.12.14 00.42	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-6A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-016	Date Collected:	03.07.14 10.18	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	23.99
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
1,1-Dichloroethane	75-34-3	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
1,1-Dichloroethene	75-35-4	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
1,2-Dichloroethane	107-06-2	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
1,2-Dichloropropane	78-87-5	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
2-Butanone (MEK)	78-93-3	BRL	0.00731	mg/kg	03.12.14 01.07	U	1
2-Hexanone	591-78-6	BRL	0.00731	mg/kg	03.12.14 01.07	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.00731	mg/kg	03.12.14 01.07	U	1
Acetone	67-64-1	BRL	0.00731	mg/kg	03.12.14 01.07	U	1
Benzene	71-43-2	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Bromochloromethane	74-97-5	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Bromodichloromethane	75-27-4	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Bromoform	75-25-2	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Bromomethane	74-83-9	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Carbon disulfide	75-15-0	BRL	0.00292	mg/kg	03.12.14 01.07	U	1
Carbon tetrachloride	56-23-5	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Chlorobenzene	108-90-7	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Chloroethane	75-00-3	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Chloroform	67-66-3	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Chloromethane	74-87-3	BRL	0.00146	mg/kg	03.12.14 01.07	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Cyclohexane	110-82-7	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Dibromochloromethane	124-48-1	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Ethylbenzene	100-41-4	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Isopropylbenzene	98-82-8	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
m,p-Xylenes	179601-23-1	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Methyl acetate	79-20-9	BRL	0.000731	mg/kg	03.12.14 01.07	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-6A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-016	Date Collected:	03.07.14 10.18	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	23.99
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Methylcyclohexane	108-87-2	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Methylene chloride	75-09-2	BRL	0.00292	mg/kg	03.12.14 01.07	U	1
o-Xylene	95-47-6	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Styrene	100-42-5	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Tetrachloroethene	127-18-4	**0.00512**	0.000731	mg/kg	03.12.14 01.07		1
Toluene	108-88-3	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Trichloroethene	79-01-6	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Trichlorofluoromethane	75-69-4	BRL	0.000731	mg/kg	03.12.14 01.07	U	1
Vinyl chloride	75-01-4	BRL	0.000731	mg/kg	03.12.14 01.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	123	%	50-150	03.12.14 01.07	
4-Bromofluorobenzene	460-00-4	99	%	57-158	03.12.14 01.07	
Toluene-D8	2037-26-5	97	%	50-150	03.12.14 01.07	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-6B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-017	Date Collected:	03.07.14 10.24	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.27
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0693	mg/kg	03.12.14 01.33	U	1
2-Hexanone	591-78-6	BRL	0.0693	mg/kg	03.12.14 01.33	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0693	mg/kg	03.12.14 01.33	U	1
Acetone	67-64-1	BRL	0.0693	mg/kg	03.12.14 01.33	U	1
Benzene	71-43-2	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Bromochloromethane	74-97-5	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Bromodichloromethane	75-27-4	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Bromoform	75-25-2	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Bromomethane	74-83-9	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Carbon disulfide	75-15-0	BRL	0.0277	mg/kg	03.12.14 01.33	U	1
Carbon tetrachloride	56-23-5	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Chlorobenzene	108-90-7	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Chloroethane	75-00-3	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Chloroform	67-66-3	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Chloromethane	74-87-3	BRL	0.0139	mg/kg	03.12.14 01.33	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Cyclohexane	110-82-7	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Dibromochloromethane	124-48-1	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Ethylbenzene	100-41-4	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Isopropylbenzene	98-82-8	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
m,p-Xylenes	179601-23-1	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Methyl acetate	79-20-9	BRL	0.00693	mg/kg	03.12.14 01.33	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-6B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-017	Date Collected:	03.07.14 10.24	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.27
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Methylcyclohexane	108-87-2	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Methylene chloride	75-09-2	BRL	0.0277	mg/kg	03.12.14 01.33	U	1
o-Xylene	95-47-6	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Styrene	100-42-5	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Tetrachloroethene	127-18-4	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Toluene	108-88-3	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Trichloroethene	79-01-6	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00693	mg/kg	03.12.14 01.33	U	1
Vinyl chloride	75-01-4	BRL	0.00693	mg/kg	03.12.14 01.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	117	%	50-150	03.12.14 01.33	
4-Bromofluorobenzene	460-00-4	100	%	57-158	03.12.14 01.33	
Toluene-D8	2037-26-5	99	%	50-150	03.12.14 01.33	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-6C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-018	Date Collected:	03.07.14 10.35	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	24.84
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0744	mg/kg	03.12.14 01.58	U	1
2-Hexanone	591-78-6	BRL	0.0744	mg/kg	03.12.14 01.58	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0744	mg/kg	03.12.14 01.58	U	1
Acetone	67-64-1	BRL	0.0744	mg/kg	03.12.14 01.58	U	1
Benzene	71-43-2	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Bromochloromethane	74-97-5	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Bromodichloromethane	75-27-4	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Bromoform	75-25-2	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Bromomethane	74-83-9	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Carbon disulfide	75-15-0	BRL	0.0298	mg/kg	03.12.14 01.58	U	1
Carbon tetrachloride	56-23-5	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Chlorobenzene	108-90-7	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Chloroethane	75-00-3	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Chloroform	67-66-3	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Chloromethane	74-87-3	BRL	0.0149	mg/kg	03.12.14 01.58	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Cyclohexane	110-82-7	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Dibromochloromethane	124-48-1	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Ethylbenzene	100-41-4	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Isopropylbenzene	98-82-8	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
m,p-Xylenes	179601-23-1	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Methyl acetate	79-20-9	BRL	0.00744	mg/kg	03.12.14 01.58	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-6C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-018	Date Collected:	03.07.14 10.35	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	24.84
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Methylcyclohexane	108-87-2	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Methylene chloride	75-09-2	BRL	0.0298	mg/kg	03.12.14 01.58	U	1
o-Xylene	95-47-6	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Styrene	100-42-5	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Tetrachloroethene	127-18-4	**2.93**	0.506	mg/kg	03.12.14 13.07	D	50
Toluene	108-88-3	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Trichloroethene	79-01-6	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00744	mg/kg	03.12.14 01.58	U	1
Vinyl chloride	75-01-4	BRL	0.00744	mg/kg	03.12.14 01.58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	119	%	50-150	03.12.14 01.58	
4-Bromofluorobenzene	460-00-4	101	%	57-158	03.12.14 01.58	
Toluene-D8	2037-26-5	97	%	50-150	03.12.14 01.58	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-7A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-019	Date Collected:	03.07.14 17.06	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	14.53
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0671	mg/kg	03.12.14 02.24	U	1
2-Hexanone	591-78-6	BRL	0.0671	mg/kg	03.12.14 02.24	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0671	mg/kg	03.12.14 02.24	U	1
Acetone	67-64-1	BRL	0.0671	mg/kg	03.12.14 02.24	U	1
Benzene	71-43-2	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Bromochloromethane	74-97-5	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Bromodichloromethane	75-27-4	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Bromoform	75-25-2	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Bromomethane	74-83-9	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Carbon disulfide	75-15-0	BRL	0.0268	mg/kg	03.12.14 02.24	U	1
Carbon tetrachloride	56-23-5	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Chlorobenzene	108-90-7	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Chloroethane	75-00-3	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Chloroform	67-66-3	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Chloromethane	74-87-3	BRL	0.0134	mg/kg	03.12.14 02.24	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Cyclohexane	110-82-7	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Dibromochloromethane	124-48-1	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Ethylbenzene	100-41-4	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Isopropylbenzene	98-82-8	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
m,p-Xylenes	179601-23-1	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Methyl acetate	79-20-9	BRL	0.00671	mg/kg	03.12.14 02.24	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-7A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-019	Date Collected:	03.07.14 17.06	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	14.53
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Methylcyclohexane	108-87-2	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Methylene chloride	75-09-2	BRL	0.0268	mg/kg	03.12.14 02.24	U	1
o-Xylene	95-47-6	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Styrene	100-42-5	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Tetrachloroethene	127-18-4	**0.0635**	0.00671	mg/kg	03.12.14 02.24		1
Toluene	108-88-3	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Trichloroethene	79-01-6	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00671	mg/kg	03.12.14 02.24	U	1
Vinyl chloride	75-01-4	BRL	0.00671	mg/kg	03.12.14 02.24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	125	%	50-150	03.12.14 02.24	
4-Bromofluorobenzene	460-00-4	95	%	57-158	03.12.14 02.24	
Toluene-D8	2037-26-5	102	%	50-150	03.12.14 02.24	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-7B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-020	Date Collected:	03.07.14 17.19	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	13.7
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0492	mg/kg	03.12.14 02.49	U	1
2-Hexanone	591-78-6	BRL	0.0492	mg/kg	03.12.14 02.49	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0492	mg/kg	03.12.14 02.49	U	1
Acetone	67-64-1	**0.0778**	0.0492	mg/kg	03.12.14 02.49		1
Benzene	71-43-2	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Bromochloromethane	74-97-5	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Bromodichloromethane	75-27-4	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Bromoform	75-25-2	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Bromomethane	74-83-9	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Carbon disulfide	75-15-0	BRL	0.0197	mg/kg	03.12.14 02.49	U	1
Carbon tetrachloride	56-23-5	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Chlorobenzene	108-90-7	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Chloroethane	75-00-3	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Chloroform	67-66-3	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Chloromethane	74-87-3	BRL	0.00984	mg/kg	03.12.14 02.49	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Cyclohexane	110-82-7	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Dibromochloromethane	124-48-1	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Ethylbenzene	100-41-4	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Isopropylbenzene	98-82-8	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
m,p-Xylenes	179601-23-1	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Methyl acetate	79-20-9	BRL	0.00492	mg/kg	03.12.14 02.49	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-7B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-020	Date Collected:	03.07.14 17.19	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	13.7
Analyst:	MLA	Date Prep:	03.11.14 15.52	Basis:	Dry Weight
Seq Number:	935933				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Methylcyclohexane	108-87-2	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Methylene chloride	75-09-2	BRL	0.0197	mg/kg	03.12.14 02.49	U	1
o-Xylene	95-47-6	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Styrene	100-42-5	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Tetrachloroethene	127-18-4	**0.146**	0.00492	mg/kg	03.12.14 02.49		1
Toluene	108-88-3	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Trichloroethene	79-01-6	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00492	mg/kg	03.12.14 02.49	U	1
Vinyl chloride	75-01-4	BRL	0.00492	mg/kg	03.12.14 02.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	126	%	50-150	03.12.14 02.49	
4-Bromofluorobenzene	460-00-4	98	%	57-158	03.12.14 02.49	
Toluene-D8	2037-26-5	98	%	50-150	03.12.14 02.49	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-7C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-021	Date Collected:	03.07.14 17.30	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	15.91
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0631	mg/kg	03.12.14 10.24	U	1
2-Hexanone	591-78-6	BRL	0.0631	mg/kg	03.12.14 10.24	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0631	mg/kg	03.12.14 10.24	U	1
Acetone	67-64-1	BRL	0.0631	mg/kg	03.12.14 10.24	U	1
Benzene	71-43-2	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Bromochloromethane	74-97-5	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Bromodichloromethane	75-27-4	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Bromoform	75-25-2	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Bromomethane	74-83-9	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Carbon disulfide	75-15-0	BRL	0.0252	mg/kg	03.12.14 10.24	U	1
Carbon tetrachloride	56-23-5	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Chlorobenzene	108-90-7	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Chloroethane	75-00-3	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Chloroform	67-66-3	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Chloromethane	74-87-3	BRL	0.0126	mg/kg	03.12.14 10.24	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Cyclohexane	110-82-7	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Dibromochloromethane	124-48-1	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Ethylbenzene	100-41-4	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Isopropylbenzene	98-82-8	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
m,p-Xylenes	179601-23-1	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Methyl acetate	79-20-9	BRL	0.00631	mg/kg	03.12.14 10.24	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-7C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-021	Date Collected:	03.07.14 17.30	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	15.91
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Methylcyclohexane	108-87-2	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Methylene chloride	75-09-2	BRL	0.0252	mg/kg	03.12.14 10.24	U	1
o-Xylene	95-47-6	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Styrene	100-42-5	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Tetrachloroethene	127-18-4	**0.0223**	0.00631	mg/kg	03.12.14 10.24		1
Toluene	108-88-3	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Trichloroethene	79-01-6	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00631	mg/kg	03.12.14 10.24	U	1
Vinyl chloride	75-01-4	BRL	0.00631	mg/kg	03.12.14 10.24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	123	%	50-150	03.12.14 10.24	
4-Bromofluorobenzene	460-00-4	98	%	57-158	03.12.14 10.24	
Toluene-D8	2037-26-5	96	%	50-150	03.12.14 10.24	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-8A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-022	Date Collected:	03.07.14 17.36	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	13.29
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0561	mg/kg	03.12.14 10.49	U	1
2-Hexanone	591-78-6	BRL	0.0561	mg/kg	03.12.14 10.49	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0561	mg/kg	03.12.14 10.49	U	1
Acetone	67-64-1	BRL	0.0561	mg/kg	03.12.14 10.49	U	1
Benzene	71-43-2	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Bromochloromethane	74-97-5	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Bromodichloromethane	75-27-4	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Bromoform	75-25-2	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Bromomethane	74-83-9	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Carbon disulfide	75-15-0	BRL	0.0224	mg/kg	03.12.14 10.49	U	1
Carbon tetrachloride	56-23-5	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Chlorobenzene	108-90-7	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Chloroethane	75-00-3	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Chloroform	67-66-3	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Chloromethane	74-87-3	BRL	0.0112	mg/kg	03.12.14 10.49	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Cyclohexane	110-82-7	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Dibromochloromethane	124-48-1	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Ethylbenzene	100-41-4	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Isopropylbenzene	98-82-8	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
m,p-Xylenes	179601-23-1	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Methyl acetate	79-20-9	BRL	0.00561	mg/kg	03.12.14 10.49	U	1

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Imperial Cleaners

Sample Id:	**SD-8A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-022	Date Collected:	03.07.14 17.36	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	13.29
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Methylcyclohexane	108-87-2	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Methylene chloride	75-09-2	BRL	0.0224	mg/kg	03.12.14 10.49	U	1
o-Xylene	95-47-6	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Styrene	100-42-5	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Tetrachloroethene	127-18-4	**0.0244**	0.00561	mg/kg	03.12.14 10.49		1
Toluene	108-88-3	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Trichloroethene	79-01-6	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00561	mg/kg	03.12.14 10.49	U	1
Vinyl chloride	75-01-4	BRL	0.00561	mg/kg	03.12.14 10.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	116	%	50-150	03.12.14 10.49	
4-Bromofluorobenzene	460-00-4	96	%	57-158	03.12.14 10.49	
Toluene-D8	2037-26-5	98	%	50-150	03.12.14 10.49	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-8B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-023	Date Collected:	03.07.14 17.48	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	16.61
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0704	mg/kg	03.12.14 11.14	U	1
2-Hexanone	591-78-6	BRL	0.0704	mg/kg	03.12.14 11.14	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0704	mg/kg	03.12.14 11.14	U	1
Acetone	67-64-1	BRL	0.0704	mg/kg	03.12.14 11.14	U	1
Benzene	71-43-2	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Bromochloromethane	74-97-5	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Bromodichloromethane	75-27-4	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Bromoform	75-25-2	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Bromomethane	74-83-9	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Carbon disulfide	75-15-0	BRL	0.0281	mg/kg	03.12.14 11.14	U	1
Carbon tetrachloride	56-23-5	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Chlorobenzene	108-90-7	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Chloroethane	75-00-3	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Chloroform	67-66-3	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Chloromethane	74-87-3	BRL	0.0141	mg/kg	03.12.14 11.14	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Cyclohexane	110-82-7	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Dibromochloromethane	124-48-1	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Ethylbenzene	100-41-4	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Isopropylbenzene	98-82-8	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
m,p-Xylenes	179601-23-1	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Methyl acetate	79-20-9	BRL	0.00704	mg/kg	03.12.14 11.14	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-8B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-023	Date Collected:	03.07.14 17.48	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	16.61
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Methylcyclohexane	108-87-2	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Methylene chloride	75-09-2	BRL	0.0281	mg/kg	03.12.14 11.14	U	1
o-Xylene	95-47-6	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Styrene	100-42-5	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Tetrachloroethene	127-18-4	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Toluene	108-88-3	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Trichloroethene	79-01-6	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00704	mg/kg	03.12.14 11.14	U	1
Vinyl chloride	75-01-4	BRL	0.00704	mg/kg	03.12.14 11.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	119	%	50-150	03.12.14 11.14	
4-Bromofluorobenzene	460-00-4	99	%	57-158	03.12.14 11.14	
Toluene-D8	2037-26-5	95	%	50-150	03.12.14 11.14	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-8C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-024	Date Collected:	03.07.14 17.54	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	17.18
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0820	mg/kg	03.12.14 11.40	U	1
2-Hexanone	591-78-6	BRL	0.0820	mg/kg	03.12.14 11.40	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0820	mg/kg	03.12.14 11.40	U	1
Acetone	67-64-1	BRL	0.0820	mg/kg	03.12.14 11.40	U	1
Benzene	71-43-2	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Bromochloromethane	74-97-5	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Bromodichloromethane	75-27-4	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Bromoform	75-25-2	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Bromomethane	74-83-9	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Carbon disulfide	75-15-0	BRL	0.0328	mg/kg	03.12.14 11.40	U	1
Carbon tetrachloride	56-23-5	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Chlorobenzene	108-90-7	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Chloroethane	75-00-3	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Chloroform	67-66-3	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Chloromethane	74-87-3	BRL	0.0164	mg/kg	03.12.14 11.40	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Cyclohexane	110-82-7	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Dibromochloromethane	124-48-1	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Ethylbenzene	100-41-4	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Isopropylbenzene	98-82-8	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
m,p-Xylenes	179601-23-1	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Methyl acetate	79-20-9	BRL	0.00820	mg/kg	03.12.14 11.40	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-8C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-024	Date Collected:	03.07.14 17.54	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	17.18
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Methylcyclohexane	108-87-2	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Methylene chloride	75-09-2	BRL	0.0328	mg/kg	03.12.14 11.40	U	1
o-Xylene	95-47-6	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Styrene	100-42-5	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Tetrachloroethene	127-18-4	**1.34**	0.281	mg/kg	03.12.14 13.34	D	50
Toluene	108-88-3	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Trichloroethene	79-01-6	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00820	mg/kg	03.12.14 11.40	U	1
Vinyl chloride	75-01-4	BRL	0.00820	mg/kg	03.12.14 11.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	116	%	50-150	03.12.14 11.40	
4-Bromofluorobenzene	460-00-4	97	%	57-158	03.12.14 11.40	
Toluene-D8	2037-26-5	94	%	50-150	03.12.14 11.40	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-9A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-025	Date Collected:	03.07.14 17.45	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	13.84
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0534	mg/kg	03.12.14 12.06	U	1
2-Hexanone	591-78-6	BRL	0.0534	mg/kg	03.12.14 12.06	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0534	mg/kg	03.12.14 12.06	U	1
Acetone	67-64-1	BRL	0.0534	mg/kg	03.12.14 12.06	U	1
Benzene	71-43-2	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Bromochloromethane	74-97-5	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Bromodichloromethane	75-27-4	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Bromoform	75-25-2	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Bromomethane	74-83-9	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Carbon disulfide	75-15-0	BRL	0.0214	mg/kg	03.12.14 12.06	U	1
Carbon tetrachloride	56-23-5	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Chlorobenzene	108-90-7	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Chloroethane	75-00-3	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Chloroform	67-66-3	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Chloromethane	74-87-3	BRL	0.0107	mg/kg	03.12.14 12.06	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Cyclohexane	110-82-7	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Dibromochloromethane	124-48-1	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Ethylbenzene	100-41-4	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Isopropylbenzene	98-82-8	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
m,p-Xylenes	179601-23-1	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Methyl acetate	79-20-9	BRL	0.00534	mg/kg	03.12.14 12.06	U	1

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Imperial Cleaners

Sample Id:	**SD-9A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-025	Date Collected:	03.07.14 17.45	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	13.84
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Methylcyclohexane	108-87-2	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Methylene chloride	75-09-2	BRL	0.0214	mg/kg	03.12.14 12.06	U	1
o-Xylene	95-47-6	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Styrene	100-42-5	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Tetrachloroethene	127-18-4	**0.0214**	0.00534	mg/kg	03.12.14 12.06		1
Toluene	108-88-3	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Trichloroethene	79-01-6	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00534	mg/kg	03.12.14 12.06	U	1
Vinyl chloride	75-01-4	BRL	0.00534	mg/kg	03.12.14 12.06	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	122	%	50-150	03.12.14 12.06	
4-Bromofluorobenzene	460-00-4	91	%	57-158	03.12.14 12.06	
Toluene-D8	2037-26-5	94	%	50-150	03.12.14 12.06	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-9B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-026	Date Collected:	03.07.14 17.56	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	20
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0663	mg/kg	03.12.14 12.31	U	1
2-Hexanone	591-78-6	BRL	0.0663	mg/kg	03.12.14 12.31	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0663	mg/kg	03.12.14 12.31	U	1
Acetone	67-64-1	BRL	0.0663	mg/kg	03.12.14 12.31	U	1
Benzene	71-43-2	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Bromochloromethane	74-97-5	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Bromodichloromethane	75-27-4	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Bromoform	75-25-2	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Bromomethane	74-83-9	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Carbon disulfide	75-15-0	BRL	0.0265	mg/kg	03.12.14 12.31	U	1
Carbon tetrachloride	56-23-5	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Chlorobenzene	108-90-7	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Chloroethane	75-00-3	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Chloroform	67-66-3	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Chloromethane	74-87-3	BRL	0.0133	mg/kg	03.12.14 12.31	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Cyclohexane	110-82-7	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Dibromochloromethane	124-48-1	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Ethylbenzene	100-41-4	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Isopropylbenzene	98-82-8	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
m,p-Xylenes	179601-23-1	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Methyl acetate	79-20-9	BRL	0.00663	mg/kg	03.12.14 12.31	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-9B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-026	Date Collected:	03.07.14 17.56	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	20
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Methylcyclohexane	108-87-2	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Methylene chloride	75-09-2	BRL	0.0265	mg/kg	03.12.14 12.31	U	1
o-Xylene	95-47-6	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Styrene	100-42-5	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Tetrachloroethene	127-18-4	**0.0439**	0.00663	mg/kg	03.12.14 12.31		1
Toluene	108-88-3	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Trichloroethene	79-01-6	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00663	mg/kg	03.12.14 12.31	U	1
Vinyl chloride	75-01-4	BRL	0.00663	mg/kg	03.12.14 12.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	125	%	50-150	03.12.14 12.31	
4-Bromofluorobenzene	460-00-4	95	%	57-158	03.12.14 12.31	
Toluene-D8	2037-26-5	97	%	50-150	03.12.14 12.31	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-9C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-027	Date Collected:	03.07.14 18.03	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	18.12
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0479	mg/kg	03.12.14 12.57	U	1
2-Hexanone	591-78-6	BRL	0.0479	mg/kg	03.12.14 12.57	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0479	mg/kg	03.12.14 12.57	U	1
Acetone	67-64-1	BRL	0.0479	mg/kg	03.12.14 12.57	U	1
Benzene	71-43-2	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Bromochloromethane	74-97-5	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Bromodichloromethane	75-27-4	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Bromoform	75-25-2	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Bromomethane	74-83-9	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Carbon disulfide	75-15-0	BRL	0.0192	mg/kg	03.12.14 12.57	U	1
Carbon tetrachloride	56-23-5	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Chlorobenzene	108-90-7	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Chloroethane	75-00-3	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Chloroform	67-66-3	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Chloromethane	74-87-3	BRL	0.00959	mg/kg	03.12.14 12.57	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Cyclohexane	110-82-7	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Dibromochloromethane	124-48-1	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Ethylbenzene	100-41-4	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Isopropylbenzene	98-82-8	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
m,p-Xylenes	179601-23-1	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Methyl acetate	79-20-9	BRL	0.00479	mg/kg	03.12.14 12.57	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-9C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-027	Date Collected:	03.07.14 18.03	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	18.12
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Methylcyclohexane	108-87-2	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Methylene chloride	75-09-2	BRL	0.0192	mg/kg	03.12.14 12.57	U	1
o-Xylene	95-47-6	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Styrene	100-42-5	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Tetrachloroethene	127-18-4	**0.387**	0.225	mg/kg	03.12.14 14.00	D	50
Toluene	108-88-3	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Trichloroethene	79-01-6	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00479	mg/kg	03.12.14 12.57	U	1
Vinyl chloride	75-01-4	BRL	0.00479	mg/kg	03.12.14 12.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	125	%	50-150	03.12.14 12.57	
4-Bromofluorobenzene	460-00-4	99	%	57-158	03.12.14 12.57	
Toluene-D8	2037-26-5	97	%	50-150	03.12.14 12.57	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-10A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-028	Date Collected:	03.07.14 17.15	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	11.98
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0681	mg/kg	03.12.14 13.22	U	1
2-Hexanone	591-78-6	BRL	0.0681	mg/kg	03.12.14 13.22	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0681	mg/kg	03.12.14 13.22	U	1
Acetone	67-64-1	BRL	0.0681	mg/kg	03.12.14 13.22	U	1
Benzene	71-43-2	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Bromochloromethane	74-97-5	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Bromodichloromethane	75-27-4	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Bromoform	75-25-2	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Bromomethane	74-83-9	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Carbon disulfide	75-15-0	BRL	0.0272	mg/kg	03.12.14 13.22	U	1
Carbon tetrachloride	56-23-5	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Chlorobenzene	108-90-7	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Chloroethane	75-00-3	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Chloroform	67-66-3	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Chloromethane	74-87-3	BRL	0.0136	mg/kg	03.12.14 13.22	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Cyclohexane	110-82-7	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Dibromochloromethane	124-48-1	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Ethylbenzene	100-41-4	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Isopropylbenzene	98-82-8	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
m,p-Xylenes	179601-23-1	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Methyl acetate	79-20-9	BRL	0.00681	mg/kg	03.12.14 13.22	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-10A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-028	Date Collected:	03.07.14 17.15	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	11.98
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Methylcyclohexane	108-87-2	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Methylene chloride	75-09-2	BRL	0.0272	mg/kg	03.12.14 13.22	U	1
o-Xylene	95-47-6	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Styrene	100-42-5	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Tetrachloroethene	127-18-4	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Toluene	108-88-3	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Trichloroethene	79-01-6	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00681	mg/kg	03.12.14 13.22	U	1
Vinyl chloride	75-01-4	BRL	0.00681	mg/kg	03.12.14 13.22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	117	%	50-150	03.12.14 13.22	
4-Bromofluorobenzene	460-00-4	93	%	57-158	03.12.14 13.22	
Toluene-D8	2037-26-5	99	%	50-150	03.12.14 13.22	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-10B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-029	Date Collected:	03.07.14 17.25	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	16.39
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0577	mg/kg	03.12.14 13.47	U	1
2-Hexanone	591-78-6	BRL	0.0577	mg/kg	03.12.14 13.47	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0577	mg/kg	03.12.14 13.47	U	1
Acetone	67-64-1	BRL	0.0577	mg/kg	03.12.14 13.47	U	1
Benzene	71-43-2	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Bromochloromethane	74-97-5	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Bromodichloromethane	75-27-4	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Bromoform	75-25-2	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Bromomethane	74-83-9	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Carbon disulfide	75-15-0	BRL	0.0231	mg/kg	03.12.14 13.47	U	1
Carbon tetrachloride	56-23-5	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Chlorobenzene	108-90-7	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Chloroethane	75-00-3	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Chloroform	67-66-3	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Chloromethane	74-87-3	BRL	0.0115	mg/kg	03.12.14 13.47	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Cyclohexane	110-82-7	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Dibromochloromethane	124-48-1	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Ethylbenzene	100-41-4	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Isopropylbenzene	98-82-8	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
m,p-Xylenes	179601-23-1	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Methyl acetate	79-20-9	BRL	0.00577	mg/kg	03.12.14 13.47	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-10B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-029	Date Collected:	03.07.14 17.25	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	16.39
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Methylcyclohexane	108-87-2	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Methylene chloride	75-09-2	BRL	0.0231	mg/kg	03.12.14 13.47	U	1
o-Xylene	95-47-6	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Styrene	100-42-5	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Tetrachloroethene	127-18-4	**0.00993**	0.00577	mg/kg	03.12.14 13.47		1
Toluene	108-88-3	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Trichloroethene	79-01-6	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00577	mg/kg	03.12.14 13.47	U	1
Vinyl chloride	75-01-4	BRL	0.00577	mg/kg	03.12.14 13.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	126	%	50-150	03.12.14 13.47	
4-Bromofluorobenzene	460-00-4	99	%	57-158	03.12.14 13.47	
Toluene-D8	2037-26-5	94	%	50-150	03.12.14 13.47	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-10C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-030	Date Collected:	03.07.14 17.30	Sample Depth:	13 - 15 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	17.88
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0428	mg/kg	03.12.14 14.13	U	1
2-Hexanone	591-78-6	BRL	0.0428	mg/kg	03.12.14 14.13	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0428	mg/kg	03.12.14 14.13	U	1
Acetone	67-64-1	BRL	0.0428	mg/kg	03.12.14 14.13	U	1
Benzene	71-43-2	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Bromochloromethane	74-97-5	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Bromodichloromethane	75-27-4	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Bromoform	75-25-2	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Bromomethane	74-83-9	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Carbon disulfide	75-15-0	BRL	0.0171	mg/kg	03.12.14 14.13	U	1
Carbon tetrachloride	56-23-5	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Chlorobenzene	108-90-7	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Chloroethane	75-00-3	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Chloroform	67-66-3	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Chloromethane	74-87-3	BRL	0.00855	mg/kg	03.12.14 14.13	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Cyclohexane	110-82-7	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Dibromochloromethane	124-48-1	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Ethylbenzene	100-41-4	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Isopropylbenzene	98-82-8	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
m,p-Xylenes	179601-23-1	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Methyl acetate	79-20-9	BRL	0.00428	mg/kg	03.12.14 14.13	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-10C**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-030	Date Collected:	03.07.14 17.30	Sample Depth:	13 - 15 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	17.88
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Methylcyclohexane	108-87-2	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Methylene chloride	75-09-2	BRL	0.0171	mg/kg	03.12.14 14.13	U	1
o-Xylene	95-47-6	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Styrene	100-42-5	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Tetrachloroethene	127-18-4	**0.0295**	0.00428	mg/kg	03.12.14 14.13		1
Toluene	108-88-3	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Trichloroethene	79-01-6	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00428	mg/kg	03.12.14 14.13	U	1
Vinyl chloride	75-01-4	BRL	0.00428	mg/kg	03.12.14 14.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	124	%	50-150	03.12.14 14.13	
4-Bromofluorobenzene	460-00-4	98	%	57-158	03.12.14 14.13	
Toluene-D8	2037-26-5	94	%	50-150	03.12.14 14.13	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-1A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-031	Date Collected:	03.07.14 14.50	Sample Depth:	2 - 2.5 ft

Analytical Method:	RCRA Mercury by SW-846 7471B			Prep Method:	SW7471P
Tech:	JDR			% Moisture:	14.19
Analyst:	4150	Date Prep:	03.12.14 12.43	Basis:	Dry Weight
Seq Number:	936059				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Mercury	7439-97-6	BRL	0.0540	mg/kg	03.13.14 13.39	U	1

Analytical Method:	RCRA Metals by SW-846 6010C			Prep Method:	SW3050B
Tech:	JDR			% Moisture:	14.19
Analyst:	4150	Date Prep:	03.12.14 13.12	Basis:	Dry Weight
Seq Number:	936081				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Arsenic	7440-38-2	BRL	5.16	mg/kg	03.13.14 15.29	U	1
Barium	7440-39-3	**141**	5.16	mg/kg	03.13.14 15.29		1
Cadmium	7440-43-9	**1.40**	0.516	mg/kg	03.13.14 15.29		1
Chromium	7440-47-3	**29.9**	5.16	mg/kg	03.13.14 15.29		1
Lead	7439-92-1	**21.6**	5.16	mg/kg	03.13.14 15.29		1
Selenium	7782-49-2	BRL	5.16	mg/kg	03.13.14 15.29	U	1
Silver	7440-22-4	BRL	5.16	mg/kg	03.13.14 15.29	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-1A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-031	Date Collected:	03.07.14 14.50	Sample Depth:	2 - 2.5 ft
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	TUE			% Moisture:	14.19
Analyst:	VIC	Date Prep:	03.11.14 12.00	Basis:	Dry Weight
Seq Number:	936056				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
2,3,4,6-Tetrachlorophenol	58-90-2	BRL	0.387	mg/kg	03.13.14 09.35	U	1
2,4,5-Trichlorophenol	95-95-4	BRL	0.387	mg/kg	03.13.14 09.35	U	1
2,4,6-Trichlorophenol	88-06-2	BRL	0.387	mg/kg	03.13.14 09.35	U	1
2,4-Dichlorophenol	120-83-2	BRL	0.387	mg/kg	03.13.14 09.35	U	1
2,4-Dimethylphenol	105-67-9	BRL	0.387	mg/kg	03.13.14 09.35	U	1
2,4-Dinitrophenol	51-28-5	BRL	0.773	mg/kg	03.13.14 09.35	U	1
2,4-Dinitrotoluene	121-14-2	BRL	0.387	mg/kg	03.13.14 09.35	U	1
2,6-Dinitrotoluene	606-20-2	BRL	0.387	mg/kg	03.13.14 09.35	U	1
2-Chloronaphthalene	91-58-7	BRL	0.387	mg/kg	03.13.14 09.35	U	1
2-Chlorophenol	95-57-8	BRL	0.387	mg/kg	03.13.14 09.35	U	1
2-Methylnaphthalene	91-57-6	BRL	0.387	mg/kg	03.13.14 09.35	U	1
2-methylphenol	95-48-7	BRL	0.773	mg/kg	03.13.14 09.35	U	1
2-Nitroaniline	88-74-4	BRL	0.387	mg/kg	03.13.14 09.35	U	1
2-Nitrophenol	88-75-5	BRL	0.773	mg/kg	03.13.14 09.35	U	1
3&4-Methylphenol	15831-10-4	BRL	1.93	mg/kg	03.13.14 09.35	U	1
3,3-Dichlorobenzidine	91-94-1	BRL	0.387	mg/kg	03.13.14 09.35	U	1
3-Nitroaniline	99-09-2	BRL	0.387	mg/kg	03.13.14 09.35	U	1
4,6-dinitro-2-methyl phenol	534-52-1	BRL	0.387	mg/kg	03.13.14 09.35	U	1
4-Bromophenyl-phenylether	101-55-3	BRL	0.193	mg/kg	03.13.14 09.35	U	1
4-chloro-3-methylphenol	59-50-7	BRL	0.387	mg/kg	03.13.14 09.35	U	1
4-Chloroaniline	106-47-8	BRL	0.387	mg/kg	03.13.14 09.35	U	1
4-Chlorophenyl-phenyl ether	7005-72-3	BRL	0.387	mg/kg	03.13.14 09.35	U	1
4-Nitroaniline	100-01-6	BRL	0.773	mg/kg	03.13.14 09.35	U	1
4-Nitrophenol	100-02-7	BRL	0.773	mg/kg	03.13.14 09.35	U	1
Acenaphthene	83-32-9	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Acenaphthylene	208-96-8	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Acetophenone	98-86-2	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Anthracene	120-12-7	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Benzo(a)anthracene	56-55-3	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Benzo(a)pyrene	50-32-8	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Benzo(b)fluoranthene	205-99-2	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Benzo(g,h,i)perylene	191-24-2	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Benzo(k)fluoranthene	207-08-9	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Benzyl Butyl Phthalate	85-68-7	BRL	0.387	mg/kg	03.13.14 09.35	U	1
bis(2-chloroethoxy) methane	111-91-1	BRL	0.387	mg/kg	03.13.14 09.35	U	1
bis(2-chloroethyl) ether	111-44-4	BRL	0.193	mg/kg	03.13.14 09.35	U	1
bis(2-ethylhexyl) phthalate	117-81-7	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Carbazole	86-74-8	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Chrysene	218-01-9	BRL	0.387	mg/kg	03.13.14 09.35	U	1

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Imperial Cleaners

Sample Id:	**LY-1A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-031	Date Collected:	03.07.14 14.50	Sample Depth:	2 - 2.5 ft
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	TUE			% Moisture:	14.19
Analyst:	VIC	Date Prep:	03.11.14 12.00	Basis:	Dry Weight
Seq Number:	936056				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Dibenz(a,h)Anthracene	53-70-3	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Dibenzofuran	132-64-9	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Diethyl Phthalate	84-66-2	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Dimethyl Phthalate	131-11-3	BRL	0.387	mg/kg	03.13.14 09.35	U	1
di-n-Butyl Phthalate	84-74-2	BRL	0.387	mg/kg	03.13.14 09.35	U	1
di-n-Octyl Phthalate	117-84-0	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Fluoranthene	206-44-0	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Fluorene	86-73-7	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Hexachlorobenzene	118-74-1	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Hexachlorobutadiene	87-68-3	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Hexachlorocyclopentadiene	77-47-4	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Hexachloroethane	67-72-1	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Isophorone	78-59-1	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Naphthalene	91-20-3	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Nitrobenzene	98-95-3	BRL	0.387	mg/kg	03.13.14 09.35	U	1
N-Nitrosodi-n-Propylamine	621-64-7	BRL	0.387	mg/kg	03.13.14 09.35	U	1
N-Nitrosodiphenylamine	86-30-6	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Pentachlorophenol	87-86-5	BRL	0.773	mg/kg	03.13.14 09.35	U	1
Phenanthrene	85-01-8	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Phenol	108-95-2	BRL	0.387	mg/kg	03.13.14 09.35	U	1
Pyrene	129-00-0	BRL	0.387	mg/kg	03.13.14 09.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	53	%	38-110	03.13.14 09.35	
Nitrobenzene-d5	4165-60-0	51	%	33-116	03.13.14 09.35	
2-Fluorobiphenyl	321-60-8	56	%	44-114	03.13.14 09.35	
2,4,6-Tribromophenol	118-79-6	92	%	51-129	03.13.14 09.35	
Terphenyl-D14	1718-51-0	83	%	38-143	03.13.14 09.35	
Phenol-d5	4165-62-2	59	%	15-110	03.13.14 09.35	

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Imperial Cleaners

Sample Id:	**LY-1A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-031	Date Collected:	03.07.14 14.50	Sample Depth:	2 - 2.5 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	14.19
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0714	mg/kg	03.12.14 14.38	U	1
2-Hexanone	591-78-6	BRL	0.0714	mg/kg	03.12.14 14.38	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0714	mg/kg	03.12.14 14.38	U	1
Acetone	67-64-1	**0.181**	0.0714	mg/kg	03.12.14 14.38		1
Benzene	71-43-2	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Bromochloromethane	74-97-5	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Bromodichloromethane	75-27-4	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Bromoform	75-25-2	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Bromomethane	74-83-9	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Carbon disulfide	75-15-0	BRL	0.0286	mg/kg	03.12.14 14.38	U	1
Carbon tetrachloride	56-23-5	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Chlorobenzene	108-90-7	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Chloroethane	75-00-3	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Chloroform	67-66-3	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Chloromethane	74-87-3	BRL	0.0143	mg/kg	03.12.14 14.38	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Cyclohexane	110-82-7	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Dibromochloromethane	124-48-1	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Ethylbenzene	100-41-4	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Isopropylbenzene	98-82-8	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
m,p-Xylenes	179601-23-1	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Methyl acetate	79-20-9	BRL	0.00714	mg/kg	03.12.14 14.38	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-1A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-031	Date Collected:	03.07.14 14.50	Sample Depth:	2 - 2.5 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	14.19
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Methylcyclohexane	108-87-2	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Methylene chloride	75-09-2	BRL	0.0286	mg/kg	03.12.14 14.38	U	1
o-Xylene	95-47-6	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Styrene	100-42-5	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Tetrachloroethene	127-18-4	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Toluene	108-88-3	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Trichloroethene	79-01-6	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00714	mg/kg	03.12.14 14.38	U	1
Vinyl chloride	75-01-4	BRL	0.00714	mg/kg	03.12.14 14.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	123	%	50-150	03.12.14 14.38	
4-Bromofluorobenzene	460-00-4	105	%	57-158	03.12.14 14.38	
Toluene-D8	2037-26-5	100	%	50-150	03.12.14 14.38	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-1B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-032	Date Collected:	03.07.14 15.05	Sample Depth:	14 - 15 ft
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	TUE			% Moisture:	10.34
Analyst:	VIC	Date Prep:	03.11.14 12.00	Basis:	Dry Weight
Seq Number:	936056				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
2,3,4,6-Tetrachlorophenol	58-90-2	BRL	0.369	mg/kg	03.12.14 18.43	U	1
2,4,5-Trichlorophenol	95-95-4	BRL	0.369	mg/kg	03.12.14 18.43	U	1
2,4,6-Trichlorophenol	88-06-2	BRL	0.369	mg/kg	03.12.14 18.43	U	1
2,4-Dichlorophenol	120-83-2	BRL	0.369	mg/kg	03.12.14 18.43	U	1
2,4-Dimethylphenol	105-67-9	BRL	0.369	mg/kg	03.12.14 18.43	U	1
2,4-Dinitrophenol	51-28-5	BRL	0.739	mg/kg	03.12.14 18.43	U	1
2,4-Dinitrotoluene	121-14-2	BRL	0.369	mg/kg	03.12.14 18.43	U	1
2,6-Dinitrotoluene	606-20-2	BRL	0.369	mg/kg	03.12.14 18.43	U	1
2-Chloronaphthalene	91-58-7	BRL	0.369	mg/kg	03.12.14 18.43	U	1
2-Chlorophenol	95-57-8	BRL	0.369	mg/kg	03.12.14 18.43	U	1
2-Methylnaphthalene	91-57-6	BRL	0.369	mg/kg	03.12.14 18.43	U	1
2-methylphenol	95-48-7	BRL	0.739	mg/kg	03.12.14 18.43	U	1
2-Nitroaniline	88-74-4	BRL	0.369	mg/kg	03.12.14 18.43	U	1
2-Nitrophenol	88-75-5	BRL	0.739	mg/kg	03.12.14 18.43	U	1
3&4-Methylphenol	15831-10-4	BRL	1.85	mg/kg	03.12.14 18.43	U	1
3,3-Dichlorobenzidine	91-94-1	BRL	0.369	mg/kg	03.12.14 18.43	U	1
3-Nitroaniline	99-09-2	BRL	0.369	mg/kg	03.12.14 18.43	U	1
4,6-dinitro-2-methyl phenol	534-52-1	BRL	0.369	mg/kg	03.12.14 18.43	U	1
4-Bromophenyl-phenylether	101-55-3	BRL	0.185	mg/kg	03.12.14 18.43	U	1
4-chloro-3-methylphenol	59-50-7	BRL	0.369	mg/kg	03.12.14 18.43	U	1
4-Chloroaniline	106-47-8	BRL	0.369	mg/kg	03.12.14 18.43	U	1
4-Chlorophenyl-phenyl ether	7005-72-3	BRL	0.369	mg/kg	03.12.14 18.43	U	1
4-Nitroaniline	100-01-6	BRL	0.739	mg/kg	03.12.14 18.43	U	1
4-Nitrophenol	100-02-7	BRL	0.739	mg/kg	03.12.14 18.43	U	1
Acenaphthene	83-32-9	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Acenaphthylene	208-96-8	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Acetophenone	98-86-2	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Anthracene	120-12-7	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Benzo(a)anthracene	56-55-3	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Benzo(a)pyrene	50-32-8	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Benzo(b)fluoranthene	205-99-2	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Benzo(g,h,i)perylene	191-24-2	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Benzo(k)fluoranthene	207-08-9	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Benzyl Butyl Phthalate	85-68-7	BRL	0.369	mg/kg	03.12.14 18.43	U	1
bis(2-chloroethoxy) methane	111-91-1	BRL	0.369	mg/kg	03.12.14 18.43	U	1
bis(2-chloroethyl) ether	111-44-4	BRL	0.185	mg/kg	03.12.14 18.43	U	1
bis(2-ethylhexyl) phthalate	117-81-7	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Carbazole	86-74-8	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Chrysene	218-01-9	BRL	0.369	mg/kg	03.12.14 18.43	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-1B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-032	Date Collected:	03.07.14 15.05	Sample Depth:	14 - 15 ft
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	TUE			% Moisture:	10.34
Analyst:	VIC	Date Prep:	03.11.14 12.00	Basis:	Dry Weight
Seq Number:	936056				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Dibenz(a,h)Anthracene	53-70-3	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Dibenzofuran	132-64-9	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Diethyl Phthalate	84-66-2	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Dimethyl Phthalate	131-11-3	BRL	0.369	mg/kg	03.12.14 18.43	U	1
di-n-Butyl Phthalate	84-74-2	BRL	0.369	mg/kg	03.12.14 18.43	U	1
di-n-Octyl Phthalate	117-84-0	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Fluoranthene	206-44-0	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Fluorene	86-73-7	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Hexachlorobenzene	118-74-1	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Hexachlorobutadiene	87-68-3	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Hexachlorocyclopentadiene	77-47-4	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Hexachloroethane	67-72-1	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Isophorone	78-59-1	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Naphthalene	91-20-3	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Nitrobenzene	98-95-3	BRL	0.369	mg/kg	03.12.14 18.43	U	1
N-Nitrosodi-n-Propylamine	621-64-7	BRL	0.369	mg/kg	03.12.14 18.43	U	1
N-Nitrosodiphenylamine	86-30-6	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Pentachlorophenol	87-86-5	BRL	0.739	mg/kg	03.12.14 18.43	U	1
Phenanthrene	85-01-8	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Phenol	108-95-2	BRL	0.369	mg/kg	03.12.14 18.43	U	1
Pyrene	129-00-0	BRL	0.369	mg/kg	03.12.14 18.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	43	%	38-110	03.12.14 18.43	
Nitrobenzene-d5	4165-60-0	45	%	33-116	03.12.14 18.43	
2-Fluorobiphenyl	321-60-8	42	%	44-114	03.12.14 18.43	**
2,4,6-Tribromophenol	118-79-6	63	%	51-129	03.12.14 18.43	
Terphenyl-D14	1718-51-0	97	%	38-143	03.12.14 18.43	
Phenol-d5	4165-62-2	50	%	15-110	03.12.14 18.43	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-1B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-032	Date Collected:	03.07.14 15.05	Sample Depth:	14 - 15 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	10.34
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0825	mg/kg	03.12.14 15.03	U	1
2-Hexanone	591-78-6	BRL	0.0825	mg/kg	03.12.14 15.03	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0825	mg/kg	03.12.14 15.03	U	1
Acetone	67-64-1	BRL	0.0825	mg/kg	03.12.14 15.03	U	1
Benzene	71-43-2	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Bromochloromethane	74-97-5	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Bromodichloromethane	75-27-4	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Bromoform	75-25-2	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Bromomethane	74-83-9	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Carbon disulfide	75-15-0	BRL	0.0330	mg/kg	03.12.14 15.03	U	1
Carbon tetrachloride	56-23-5	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Chlorobenzene	108-90-7	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Chloroethane	75-00-3	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Chloroform	67-66-3	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Chloromethane	74-87-3	BRL	0.0165	mg/kg	03.12.14 15.03	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Cyclohexane	110-82-7	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Dibromochloromethane	124-48-1	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Ethylbenzene	100-41-4	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Isopropylbenzene	98-82-8	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
m,p-Xylenes	179601-23-1	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Methyl acetate	79-20-9	BRL	0.00825	mg/kg	03.12.14 15.03	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-1B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-032	Date Collected:	03.07.14 15.05	Sample Depth:	14 - 15 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	10.34
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Methylcyclohexane	108-87-2	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Methylene chloride	75-09-2	BRL	0.0330	mg/kg	03.12.14 15.03	U	1
o-Xylene	95-47-6	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Styrene	100-42-5	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Tetrachloroethene	127-18-4	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Toluene	108-88-3	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Trichloroethene	79-01-6	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00825	mg/kg	03.12.14 15.03	U	1
Vinyl chloride	75-01-4	BRL	0.00825	mg/kg	03.12.14 15.03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	117	%	50-150	03.12.14 15.03	
4-Bromofluorobenzene	460-00-4	91	%	57-158	03.12.14 15.03	
Toluene-D8	2037-26-5	100	%	50-150	03.12.14 15.03	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-2A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-033	Date Collected:	03.07.14 15.25	Sample Depth:	0 - 2 ft
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	TUE			% Moisture:	16.78
Analyst:	VIC	Date Prep:	03.11.14 12.00	Basis:	Dry Weight
Seq Number:	936056				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
2,3,4,6-Tetrachlorophenol	58-90-2	BRL	0.397	mg/kg	03.13.14 10.02	U	1
2,4,5-Trichlorophenol	95-95-4	BRL	0.397	mg/kg	03.13.14 10.02	U	1
2,4,6-Trichlorophenol	88-06-2	BRL	0.397	mg/kg	03.13.14 10.02	U	1
2,4-Dichlorophenol	120-83-2	BRL	0.397	mg/kg	03.13.14 10.02	U	1
2,4-Dimethylphenol	105-67-9	BRL	0.397	mg/kg	03.13.14 10.02	U	1
2,4-Dinitrophenol	51-28-5	BRL	0.793	mg/kg	03.13.14 10.02	U	1
2,4-Dinitrotoluene	121-14-2	BRL	0.397	mg/kg	03.13.14 10.02	U	1
2,6-Dinitrotoluene	606-20-2	BRL	0.397	mg/kg	03.13.14 10.02	U	1
2-Chloronaphthalene	91-58-7	BRL	0.397	mg/kg	03.13.14 10.02	U	1
2-Chlorophenol	95-57-8	BRL	0.397	mg/kg	03.13.14 10.02	U	1
2-Methylnaphthalene	91-57-6	BRL	0.397	mg/kg	03.13.14 10.02	U	1
2-methylphenol	95-48-7	BRL	0.793	mg/kg	03.13.14 10.02	U	1
2-Nitroaniline	88-74-4	BRL	0.397	mg/kg	03.13.14 10.02	U	1
2-Nitrophenol	88-75-5	BRL	0.793	mg/kg	03.13.14 10.02	U	1
3&4-Methylphenol	15831-10-4	BRL	1.98	mg/kg	03.13.14 10.02	U	1
3,3-Dichlorobenzidine	91-94-1	BRL	0.397	mg/kg	03.13.14 10.02	U	1
3-Nitroaniline	99-09-2	BRL	0.397	mg/kg	03.13.14 10.02	U	1
4,6-dinitro-2-methyl phenol	534-52-1	BRL	0.397	mg/kg	03.13.14 10.02	U	1
4-Bromophenyl-phenylether	101-55-3	BRL	0.198	mg/kg	03.13.14 10.02	U	1
4-chloro-3-methylphenol	59-50-7	BRL	0.397	mg/kg	03.13.14 10.02	U	1
4-Chloroaniline	106-47-8	BRL	0.397	mg/kg	03.13.14 10.02	U	1
4-Chlorophenyl-phenyl ether	7005-72-3	BRL	0.397	mg/kg	03.13.14 10.02	U	1
4-Nitroaniline	100-01-6	BRL	0.793	mg/kg	03.13.14 10.02	U	1
4-Nitrophenol	100-02-7	BRL	0.793	mg/kg	03.13.14 10.02	U	1
Acenaphthene	83-32-9	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Acenaphthylene	208-96-8	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Acetophenone	98-86-2	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Anthracene	120-12-7	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Benzo(a)anthracene	56-55-3	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Benzo(a)pyrene	50-32-8	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Benzo(b)fluoranthene	205-99-2	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Benzo(g,h,i)perylene	191-24-2	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Benzo(k)fluoranthene	207-08-9	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Benzyl Butyl Phthalate	85-68-7	BRL	0.397	mg/kg	03.13.14 10.02	U	1
bis(2-chloroethoxy) methane	111-91-1	BRL	0.397	mg/kg	03.13.14 10.02	U	1
bis(2-chloroethyl) ether	111-44-4	BRL	0.198	mg/kg	03.13.14 10.02	U	1
bis(2-ethylhexyl) phthalate	117-81-7	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Carbazole	86-74-8	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Chrysene	218-01-9	BRL	0.397	mg/kg	03.13.14 10.02	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-2A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-033	Date Collected:	03.07.14 15.25	Sample Depth:	0 - 2 ft
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	TUE			% Moisture:	16.78
Analyst:	VIC	Date Prep:	03.11.14 12.00	Basis:	Dry Weight
Seq Number:	936056				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Dibenz(a,h)Anthracene	53-70-3	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Dibenzofuran	132-64-9	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Diethyl Phthalate	84-66-2	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Dimethyl Phthalate	131-11-3	BRL	0.397	mg/kg	03.13.14 10.02	U	1
di-n-Butyl Phthalate	84-74-2	BRL	0.397	mg/kg	03.13.14 10.02	U	1
di-n-Octyl Phthalate	117-84-0	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Fluoranthene	206-44-0	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Fluorene	86-73-7	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Hexachlorobenzene	118-74-1	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Hexachlorobutadiene	87-68-3	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Hexachlorocyclopentadiene	77-47-4	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Hexachloroethane	67-72-1	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Isophorone	78-59-1	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Naphthalene	91-20-3	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Nitrobenzene	98-95-3	BRL	0.397	mg/kg	03.13.14 10.02	U	1
N-Nitrosodi-n-Propylamine	621-64-7	BRL	0.397	mg/kg	03.13.14 10.02	U	1
N-Nitrosodiphenylamine	86-30-6	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Pentachlorophenol	87-86-5	BRL	0.793	mg/kg	03.13.14 10.02	U	1
Phenanthrene	85-01-8	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Phenol	108-95-2	BRL	0.397	mg/kg	03.13.14 10.02	U	1
Pyrene	129-00-0	BRL	0.397	mg/kg	03.13.14 10.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	45	%	38-110	03.13.14 10.02	
Nitrobenzene-d5	4165-60-0	55	%	33-116	03.13.14 10.02	
2-Fluorobiphenyl	321-60-8	53	%	44-114	03.13.14 10.02	
2,4,6-Tribromophenol	118-79-6	94	%	51-129	03.13.14 10.02	
Terphenyl-D14	1718-51-0	86	%	38-143	03.13.14 10.02	
Phenol-d5	4165-62-2	60	%	15-110	03.13.14 10.02	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-2A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-033	Date Collected:	03.07.14 15.25	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	16.78
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0475	mg/kg	03.12.14 15.29	U	1
2-Hexanone	591-78-6	BRL	0.0475	mg/kg	03.12.14 15.29	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0475	mg/kg	03.12.14 15.29	U	1
Acetone	67-64-1	**0.0830**	0.0475	mg/kg	03.12.14 15.29		1
Benzene	71-43-2	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Bromochloromethane	74-97-5	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Bromodichloromethane	75-27-4	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Bromoform	75-25-2	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Bromomethane	74-83-9	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Carbon disulfide	75-15-0	BRL	0.0190	mg/kg	03.12.14 15.29	U	1
Carbon tetrachloride	56-23-5	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Chlorobenzene	108-90-7	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Chloroethane	75-00-3	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Chloroform	67-66-3	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Chloromethane	74-87-3	BRL	0.00949	mg/kg	03.12.14 15.29	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Cyclohexane	110-82-7	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Dibromochloromethane	124-48-1	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Ethylbenzene	100-41-4	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Isopropylbenzene	98-82-8	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
m,p-Xylenes	179601-23-1	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Methyl acetate	79-20-9	BRL	0.00475	mg/kg	03.12.14 15.29	U	1

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-2A**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-033	Date Collected:	03.07.14 15.25	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	16.78
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Methylcyclohexane	108-87-2	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Methylene chloride	75-09-2	BRL	0.0190	mg/kg	03.12.14 15.29	U	1
o-Xylene	95-47-6	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Styrene	100-42-5	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Tetrachloroethene	127-18-4	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Toluene	108-88-3	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Trichloroethene	79-01-6	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00475	mg/kg	03.12.14 15.29	U	1
Vinyl chloride	75-01-4	BRL	0.00475	mg/kg	03.12.14 15.29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	117	%	50-150	03.12.14 15.29	
4-Bromofluorobenzene	460-00-4	99	%	57-158	03.12.14 15.29	
Toluene-D8	2037-26-5	97	%	50-150	03.12.14 15.29	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-2B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-034	Date Collected:	03.07.14 15.40	Sample Depth:	12 - 14 ft
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	TUE			% Moisture:	19.07
Analyst:	VIC	Date Prep:	03.13.14 11.00	Basis:	Dry Weight
Seq Number:	936163				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
2,3,4,6-Tetrachlorophenol	58-90-2	BRL	0.406	mg/kg	03.13.14 17.31	U	1
2,4,5-Trichlorophenol	95-95-4	BRL	0.406	mg/kg	03.13.14 17.31	U	1
2,4,6-Trichlorophenol	88-06-2	BRL	0.406	mg/kg	03.13.14 17.31	U	1
2,4-Dichlorophenol	120-83-2	BRL	0.406	mg/kg	03.13.14 17.31	U	1
2,4-Dimethylphenol	105-67-9	BRL	0.406	mg/kg	03.13.14 17.31	U	1
2,4-Dinitrophenol	51-28-5	BRL	0.813	mg/kg	03.13.14 17.31	U	1
2,4-Dinitrotoluene	121-14-2	BRL	0.406	mg/kg	03.13.14 17.31	U	1
2,6-Dinitrotoluene	606-20-2	BRL	0.406	mg/kg	03.13.14 17.31	U	1
2-Chloronaphthalene	91-58-7	BRL	0.406	mg/kg	03.13.14 17.31	U	1
2-Chlorophenol	95-57-8	BRL	0.406	mg/kg	03.13.14 17.31	U	1
2-Methylnaphthalene	91-57-6	BRL	0.406	mg/kg	03.13.14 17.31	U	1
2-methylphenol	95-48-7	BRL	0.813	mg/kg	03.13.14 17.31	U	1
2-Nitroaniline	88-74-4	BRL	0.406	mg/kg	03.13.14 17.31	U	1
2-Nitrophenol	88-75-5	BRL	0.813	mg/kg	03.13.14 17.31	U	1
3&4-Methylphenol	15831-10-4	BRL	2.03	mg/kg	03.13.14 17.31	U	1
3,3-Dichlorobenzidine	91-94-1	BRL	0.406	mg/kg	03.13.14 17.31	U	1
3-Nitroaniline	99-09-2	BRL	0.406	mg/kg	03.13.14 17.31	U	1
4,6-dinitro-2-methyl phenol	534-52-1	BRL	0.406	mg/kg	03.13.14 17.31	U	1
4-Bromophenyl-phenylether	101-55-3	BRL	0.203	mg/kg	03.13.14 17.31	U	1
4-chloro-3-methylphenol	59-50-7	BRL	0.406	mg/kg	03.13.14 17.31	U	1
4-Chloroaniline	106-47-8	BRL	0.406	mg/kg	03.13.14 17.31	U	1
4-Chlorophenyl-phenyl ether	7005-72-3	BRL	0.406	mg/kg	03.13.14 17.31	U	1
4-Nitroaniline	100-01-6	BRL	0.813	mg/kg	03.13.14 17.31	U	1
4-Nitrophenol	100-02-7	BRL	0.813	mg/kg	03.13.14 17.31	U	1
Acenaphthene	83-32-9	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Acenaphthylene	208-96-8	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Acetophenone	98-86-2	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Anthracene	120-12-7	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Benzo(a)anthracene	56-55-3	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Benzo(a)pyrene	50-32-8	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Benzo(b)fluoranthene	205-99-2	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Benzo(g,h,i)perylene	191-24-2	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Benzo(k)fluoranthene	207-08-9	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Benzyl Butyl Phthalate	85-68-7	BRL	0.406	mg/kg	03.13.14 17.31	U	1
bis(2-chloroethoxy) methane	111-91-1	BRL	0.406	mg/kg	03.13.14 17.31	U	1
bis(2-chloroethyl) ether	111-44-4	BRL	0.203	mg/kg	03.13.14 17.31	U	1
bis(2-ethylhexyl) phthalate	117-81-7	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Carbazole	86-74-8	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Chrysene	218-01-9	BRL	0.406	mg/kg	03.13.14 17.31	U	1

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-2B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-034	Date Collected:	03.07.14 15.40	Sample Depth:	12 - 14 ft
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	TUE			% Moisture:	19.07
Analyst:	VIC	Date Prep:	03.13.14 11.00	Basis:	Dry Weight
Seq Number:	936163				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Dibenz(a,h)Anthracene	53-70-3	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Dibenzofuran	132-64-9	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Diethyl Phthalate	84-66-2	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Dimethyl Phthalate	131-11-3	BRL	0.406	mg/kg	03.13.14 17.31	U	1
di-n-Butyl Phthalate	84-74-2	BRL	0.406	mg/kg	03.13.14 17.31	U	1
di-n-Octyl Phthalate	117-84-0	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Fluoranthene	206-44-0	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Fluorene	86-73-7	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Hexachlorobenzene	118-74-1	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Hexachlorobutadiene	87-68-3	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Hexachlorocyclopentadiene	77-47-4	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Hexachloroethane	67-72-1	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Isophorone	78-59-1	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Naphthalene	91-20-3	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Nitrobenzene	98-95-3	BRL	0.406	mg/kg	03.13.14 17.31	U	1
N-Nitrosodi-n-Propylamine	621-64-7	BRL	0.406	mg/kg	03.13.14 17.31	U	1
N-Nitrosodiphenylamine	86-30-6	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Pentachlorophenol	87-86-5	BRL	0.813	mg/kg	03.13.14 17.31	U	1
Phenanthrene	85-01-8	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Phenol	108-95-2	BRL	0.406	mg/kg	03.13.14 17.31	U	1
Pyrene	129-00-0	BRL	0.406	mg/kg	03.13.14 17.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	70	%	38-110	03.13.14 17.31	
Nitrobenzene-d5	4165-60-0	71	%	33-116	03.13.14 17.31	
2-Fluorobiphenyl	321-60-8	72	%	44-114	03.13.14 17.31	
2,4,6-Tribromophenol	118-79-6	101	%	51-129	03.13.14 17.31	
Terphenyl-D14	1718-51-0	99	%	38-143	03.13.14 17.31	
Phenol-d5	4165-62-2	71	%	15-110	03.13.14 17.31	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-2B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-034	Date Collected:	03.07.14 15.40	Sample Depth:	12 - 14 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	19.07
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0467	mg/kg	03.12.14 15.54	U	1
2-Hexanone	591-78-6	BRL	0.0467	mg/kg	03.12.14 15.54	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0467	mg/kg	03.12.14 15.54	U	1
Acetone	67-64-1	**0.0976**	0.0467	mg/kg	03.12.14 15.54		1
Benzene	71-43-2	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Bromochloromethane	74-97-5	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Bromodichloromethane	75-27-4	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Bromoform	75-25-2	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Bromomethane	74-83-9	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Carbon disulfide	75-15-0	BRL	0.0187	mg/kg	03.12.14 15.54	U	1
Carbon tetrachloride	56-23-5	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Chlorobenzene	108-90-7	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Chloroethane	75-00-3	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Chloroform	67-66-3	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Chloromethane	74-87-3	BRL	0.00935	mg/kg	03.12.14 15.54	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Cyclohexane	110-82-7	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Dibromochloromethane	124-48-1	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Ethylbenzene	100-41-4	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Isopropylbenzene	98-82-8	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
m,p-Xylenes	179601-23-1	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Methyl acetate	79-20-9	BRL	0.00467	mg/kg	03.12.14 15.54	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-2B**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-034	Date Collected:	03.07.14 15.40	Sample Depth:	12 - 14 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	19.07
Analyst:	MLA	Date Prep:	03.12.14 07.05	Basis:	Dry Weight
Seq Number:	936024				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Methylcyclohexane	108-87-2	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Methylene chloride	75-09-2	BRL	0.0187	mg/kg	03.12.14 15.54	U	1
o-Xylene	95-47-6	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Styrene	100-42-5	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Tetrachloroethene	127-18-4	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Toluene	108-88-3	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Trichloroethene	79-01-6	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00467	mg/kg	03.12.14 15.54	U	1
Vinyl chloride	75-01-4	BRL	0.00467	mg/kg	03.12.14 15.54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	124	%	50-150	03.12.14 15.54	
4-Bromofluorobenzene	460-00-4	91	%	57-158	03.12.14 15.54	
Toluene-D8	2037-26-5	97	%	50-150	03.12.14 15.54	

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **LY-2**
Lab Sample Id: 480839-035

Matrix: Water
Date Collected: 03.07.14 16.10

Date Received:03.08.14 11.40

Analytical Method: SVOCs by SW-846 8270D
Tech: BRO
Analyst: VIC
Seq Number: 936257

Prep Method: SW3510C
% Moisture:

Date Prep: 03.12.14 14.00

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
2,3,4,6-Tetrachlorophenol	58-90-2	BRL	10.0	ug/L	03.14.14 19.14	U	1
2,4,5-Trichlorophenol	95-95-4	BRL	10.0	ug/L	03.14.14 19.14	U	1
2,4,6-Trichlorophenol	88-06-2	BRL	10.0	ug/L	03.14.14 19.14	U	1
2,4-Dichlorophenol	120-83-2	BRL	10.0	ug/L	03.14.14 19.14	U	1
2,4-Dimethylphenol	105-67-9	BRL	10.0	ug/L	03.14.14 19.14	U	1
2,4-Dinitrophenol	51-28-5	BRL	10.0	ug/L	03.14.14 19.14	U	1
2,4-Dinitrotoluene	121-14-2	BRL	10.0	ug/L	03.14.14 19.14	U	1
2,6-Dinitrotoluene	606-20-2	BRL	10.0	ug/L	03.14.14 19.14	U	1
2-Chloronaphthalene	91-58-7	BRL	10.0	ug/L	03.14.14 19.14	U	1
2-Chlorophenol	95-57-8	BRL	10.0	ug/L	03.14.14 19.14	U	1
2-Methylnaphthalene	91-57-6	BRL	10.0	ug/L	03.14.14 19.14	U	1
2-methylphenol	95-48-7	BRL	10.0	ug/L	03.14.14 19.14	U	1
2-Nitroaniline	88-74-4	BRL	10.0	ug/L	03.14.14 19.14	U	1
2-Nitrophenol	88-75-5	BRL	10.0	ug/L	03.14.14 19.14	U	1
3&4-Methylphenol	15831-10-4	BRL	10.0	ug/L	03.14.14 19.14	U	1
3,3-Dichlorobenzidine	91-94-1	BRL	10.0	ug/L	03.14.14 19.14	U	1
3-Nitroaniline	99-09-2	BRL	10.0	ug/L	03.14.14 19.14	U	1
4,6-dinitro-2-methyl phenol	534-52-1	BRL	10.0	ug/L	03.14.14 19.14	U	1
4-Bromophenyl-phenylether	101-55-3	BRL	10.0	ug/L	03.14.14 19.14	U	1
4-chloro-3-methylphenol	59-50-7	BRL	10.0	ug/L	03.14.14 19.14	U	1
4-Chloroaniline	106-47-8	BRL	10.0	ug/L	03.14.14 19.14	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	BRL	10.0	ug/L	03.14.14 19.14	U	1
4-Nitroaniline	100-01-6	BRL	10.0	ug/L	03.14.14 19.14	U	1
4-Nitrophenol	100-02-7	BRL	10.0	ug/L	03.14.14 19.14	U	1
Acenaphthene	83-32-9	BRL	10.0	ug/L	03.14.14 19.14	U	1
Acenaphthylene	208-96-8	BRL	10.0	ug/L	03.14.14 19.14	U	1
Acetophenone	98-86-2	BRL	10.0	ug/L	03.14.14 19.14	U	1
Anthracene	120-12-7	BRL	10.0	ug/L	03.14.14 19.14	U	1
Benzo(a)anthracene	56-55-3	BRL	10.0	ug/L	03.14.14 19.14	U	1
Benzo(a)pyrene	50-32-8	BRL	10.0	ug/L	03.14.14 19.14	U	1
Benzo(b)fluoranthene	205-99-2	BRL	10.0	ug/L	03.14.14 19.14	U	1
Benzo(g,h,i)perylene	191-24-2	BRL	10.0	ug/L	03.14.14 19.14	U	1
Benzo(k)fluoranthene	207-08-9	BRL	10.0	ug/L	03.14.14 19.14	U	1
Benzyl Butyl Phthalate	85-68-7	BRL	10.0	ug/L	03.14.14 19.14	U	1
bis(2-chloroethoxy) methane	111-91-1	BRL	10.0	ug/L	03.14.14 19.14	U	1
bis(2-chloroethyl) ether	111-44-4	BRL	10.0	ug/L	03.14.14 19.14	U	1
bis(2-ethylhexyl) phthalate	117-81-7	**57.2**	10.0	ug/L	03.14.14 19.14		1
Carbazole	86-74-8	BRL	10.0	ug/L	03.14.14 19.14	U	1
Chrysene	218-01-9	BRL	10.0	ug/L	03.14.14 19.14	U	1

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **LY-2**
Lab Sample Id: 480839-035

Matrix: Water
Date Collected: 03.07.14 16.10

Date Received:03.08.14 11.40

Analytical Method: SVOCs by SW-846 8270D
Tech: BRO
Analyst: VIC
Seq Number: 936257

Prep Method: SW3510C
% Moisture:

Date Prep: 03.12.14 14.00

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Dibenz(a,h)anthracene	53-70-3	BRL	10.0	ug/L	03.14.14 19.14	U	1
Dibenzofuran	132-64-9	BRL	10.0	ug/L	03.14.14 19.14	U	1
Diethyl Phthalate	84-66-2	BRL	10.0	ug/L	03.14.14 19.14	U	1
Dimethyl Phthalate	131-11-3	BRL	10.0	ug/L	03.14.14 19.14	U	1
di-n-Butyl Phthalate	84-74-2	BRL	10.0	ug/L	03.14.14 19.14	U	1
di-n-Octyl Phthalate	117-84-0	BRL	10.0	ug/L	03.14.14 19.14	U	1
Fluoranthene	206-44-0	BRL	10.0	ug/L	03.14.14 19.14	U	1
Fluorene	86-73-7	BRL	10.0	ug/L	03.14.14 19.14	U	1
Hexachlorobenzene	118-74-1	BRL	10.0	ug/L	03.14.14 19.14	U	1
Hexachlorobutadiene	87-68-3	BRL	10.0	ug/L	03.14.14 19.14	U	1
Hexachlorocyclopentadiene	77-47-4	BRL	10.0	ug/L	03.14.14 19.14	U	1
Hexachloroethane	67-72-1	BRL	10.0	ug/L	03.14.14 19.14	U	1
Indeno(1,2,3-cd)pyrene	193-39-5	BRL	10.0	ug/L	03.14.14 19.14	U	1
Isophorone	78-59-1	BRL	10.0	ug/L	03.14.14 19.14	U	1
Naphthalene	91-20-3	BRL	10.0	ug/L	03.14.14 19.14	U	1
Nitrobenzene	98-95-3	BRL	10.0	ug/L	03.14.14 19.14	U	1
N-Nitrosodi-n-Propylamine	621-64-7	BRL	10.0	ug/L	03.14.14 19.14	U	1
N-Nitrosodiphenylamine	86-30-6	BRL	10.0	ug/L	03.14.14 19.14	U	1
Pentachlorophenol	87-86-5	BRL	10.0	ug/L	03.14.14 19.14	U	1
Phenanthrene	85-01-8	BRL	10.0	ug/L	03.14.14 19.14	U	1
Phenol	108-95-2	BRL	10.0	ug/L	03.14.14 19.14	U	1
Pyrene	129-00-0	BRL	10.0	ug/L	03.14.14 19.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	48	%	33-92	03.14.14 19.14	
Nitrobenzene-d5	4165-60-0	60	%	37-94	03.14.14 19.14	
2-Fluorobiphenyl	321-60-8	65	%	33-92	03.14.14 19.14	
2,4,6-Tribromophenol	118-79-6	102	%	32-129	03.14.14 19.14	
Terphenyl-D14	1718-51-0	40	%	25-116	03.14.14 19.14	
Phenol-d5	4165-62-2	54	%	35-100	03.14.14 19.14	

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **LY-2**
Lab Sample Id: 480839-035

Matrix: Water
Date Collected: 03.07.14 16.10

Date Received:03.08.14 11.40

Analytical Method: VOCs by SW-846 8260B
Tech: JOL
Analyst: MLA
Seq Number: 935932

Prep Method: SW5030B
% Moisture:

Date Prep: 03.11.14 06.17

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,1,2-Trichloroethane	79-00-5	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,1-Dichloroethane	75-34-3	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,1-Dichloroethene	75-35-4	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,2-Dichlorobenzene	95-50-1	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,2-Dichloroethane	107-06-2	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,2-Dichloropropane	78-87-5	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,3-Dichlorobenzene	541-73-1	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,4-Dichlorobenzene	106-46-7	BRL	1.00	ug/L	03.11.14 09.22	U	1
1,4-Dioxane	123-91-1	BRL	20.0	ug/L	03.11.14 09.22	U	1
2-Butanone (MEK)	78-93-3	BRL	2.00	ug/L	03.11.14 09.22	U	1
2-Hexanone	591-78-6	BRL	2.00	ug/L	03.11.14 09.22	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2.00	ug/L	03.11.14 09.22	U	1
Acetone	67-64-1	BRL	2.00	ug/L	03.11.14 09.22	U	1
Benzene	71-43-2	BRL	1.00	ug/L	03.11.14 09.22	U	1
Bromodichloromethane	75-27-4	BRL	1.00	ug/L	03.11.14 09.22	U	1
Bromoform	75-25-2	BRL	1.00	ug/L	03.11.14 09.22	U	1
Bromomethane	74-83-9	BRL	1.00	ug/L	03.11.14 09.22	U	1
Carbon disulfide	75-15-0	BRL	1.00	ug/L	03.11.14 09.22	U	1
Carbon tetrachloride	56-23-5	BRL	1.00	ug/L	03.11.14 09.22	U	1
Chlorobenzene	108-90-7	BRL	1.00	ug/L	03.11.14 09.22	U	1
Chloroethane	75-00-3	BRL	1.00	ug/L	03.11.14 09.22	U	1
Chloroform	67-66-3	BRL	1.00	ug/L	03.11.14 09.22	U	1
Chloromethane	74-87-3	BRL	1.00	ug/L	03.11.14 09.22	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	1.00	ug/L	03.11.14 09.22	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	1.00	ug/L	03.11.14 09.22	U	1
Cyclohexane	110-82-7	BRL	1.00	ug/L	03.11.14 09.22	U	1
Dibromochloromethane	124-48-1	BRL	1.00	ug/L	03.11.14 09.22	U	1
Dichlorodifluoromethane	75-71-8	BRL	1.00	ug/L	03.11.14 09.22	U	1
Ethylbenzene	100-41-4	BRL	1.00	ug/L	03.11.14 09.22	U	1
Isopropylbenzene	98-82-8	BRL	1.00	ug/L	03.11.14 09.22	U	1
m,p-Xylenes	179601-23-1	BRL	2.00	ug/L	03.11.14 09.22	U	1
Methyl acetate	79-20-9	BRL	2.00	ug/L	03.11.14 09.22	U	1

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **LY-2**
Lab Sample Id: 480839-035

Matrix: Water
Date Collected: 03.07.14 16.10

Date Received:03.08.14 11.40

Analytical Method: VOCs by SW-846 8260B
Tech: JOL
Analyst: MLA
Seq Number: 935932

Prep Method: SW5030B
% Moisture:

Date Prep: 03.11.14 06.17

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	2.00	ug/L	03.11.14 09.22	U	1
Methylcyclohexane	108-87-2	BRL	1.00	ug/L	03.11.14 09.22	U	1
Methylene chloride	75-09-2	BRL	1.00	ug/L	03.11.14 09.22	U	1
o-Xylene	95-47-6	BRL	1.00	ug/L	03.11.14 09.22	U	1
Styrene	100-42-5	BRL	1.00	ug/L	03.11.14 09.22	U	1
Tetrachloroethene	127-18-4	BRL	1.00	ug/L	03.11.14 09.22	U	1
Toluene	108-88-3	BRL	1.00	ug/L	03.11.14 09.22	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	1.00	ug/L	03.11.14 09.22	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	1.00	ug/L	03.11.14 09.22	U	1
Trichloroethene	79-01-6	BRL	1.00	ug/L	03.11.14 09.22	U	1
Trichlorofluoromethane	75-69-4	BRL	1.00	ug/L	03.11.14 09.22	U	1
Vinyl chloride	75-01-4	BRL	1.00	ug/L	03.11.14 09.22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	101	%	53-159	03.11.14 09.22	
4-Bromofluorobenzene	460-00-4	101	%	30-186	03.11.14 09.22	
Toluene-D8	2037-26-5	104	%	70-130	03.11.14 09.22	

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-3**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-036	Date Collected:	03.07.14 15.00	Sample Depth:	20 - 24 ft
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	TUE			% Moisture:	14.81
Analyst:	VIC	Date Prep:	03.11.14 12.00	Basis:	Dry Weight
Seq Number:	936056				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
2,3,4,6-Tetrachlorophenol	58-90-2	BRL	0.384	mg/kg	03.12.14 19.39	U	1
2,4,5-Trichlorophenol	95-95-4	BRL	0.384	mg/kg	03.12.14 19.39	U	1
2,4,6-Trichlorophenol	88-06-2	BRL	0.384	mg/kg	03.12.14 19.39	U	1
2,4-Dichlorophenol	120-83-2	BRL	0.384	mg/kg	03.12.14 19.39	U	1
2,4-Dimethylphenol	105-67-9	BRL	0.384	mg/kg	03.12.14 19.39	U	1
2,4-Dinitrophenol	51-28-5	BRL	0.768	mg/kg	03.12.14 19.39	U	1
2,4-Dinitrotoluene	121-14-2	BRL	0.384	mg/kg	03.12.14 19.39	U	1
2,6-Dinitrotoluene	606-20-2	BRL	0.384	mg/kg	03.12.14 19.39	U	1
2-Chloronaphthalene	91-58-7	BRL	0.384	mg/kg	03.12.14 19.39	U	1
2-Chlorophenol	95-57-8	BRL	0.384	mg/kg	03.12.14 19.39	U	1
2-Methylnaphthalene	91-57-6	BRL	0.384	mg/kg	03.12.14 19.39	U	1
2-methylphenol	95-48-7	BRL	0.768	mg/kg	03.12.14 19.39	U	1
2-Nitroaniline	88-74-4	BRL	0.384	mg/kg	03.12.14 19.39	U	1
2-Nitrophenol	88-75-5	BRL	0.768	mg/kg	03.12.14 19.39	U	1
3&4-Methylphenol	15831-10-4	BRL	1.92	mg/kg	03.12.14 19.39	U	1
3,3-Dichlorobenzidine	91-94-1	BRL	0.384	mg/kg	03.12.14 19.39	U	1
3-Nitroaniline	99-09-2	BRL	0.384	mg/kg	03.12.14 19.39	U	1
4,6-dinitro-2-methyl phenol	534-52-1	BRL	0.384	mg/kg	03.12.14 19.39	U	1
4-Bromophenyl-phenylether	101-55-3	BRL	0.192	mg/kg	03.12.14 19.39	U	1
4-chloro-3-methylphenol	59-50-7	BRL	0.384	mg/kg	03.12.14 19.39	U	1
4-Chloroaniline	106-47-8	BRL	0.384	mg/kg	03.12.14 19.39	U	1
4-Chlorophenyl-phenyl ether	7005-72-3	BRL	0.384	mg/kg	03.12.14 19.39	U	1
4-Nitroaniline	100-01-6	BRL	0.768	mg/kg	03.12.14 19.39	U	1
4-Nitrophenol	100-02-7	BRL	0.768	mg/kg	03.12.14 19.39	U	1
Acenaphthene	83-32-9	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Acenaphthylene	208-96-8	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Acetophenone	98-86-2	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Anthracene	120-12-7	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Benzo(a)anthracene	56-55-3	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Benzo(a)pyrene	50-32-8	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Benzo(b)fluoranthene	205-99-2	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Benzo(g,h,i)perylene	191-24-2	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Benzo(k)fluoranthene	207-08-9	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Benzyl Butyl Phthalate	85-68-7	BRL	0.384	mg/kg	03.12.14 19.39	U	1
bis(2-chloroethoxy) methane	111-91-1	BRL	0.384	mg/kg	03.12.14 19.39	U	1
bis(2-chloroethyl) ether	111-44-4	BRL	0.192	mg/kg	03.12.14 19.39	U	1
bis(2-ethylhexyl) phthalate	117-81-7	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Carbazole	86-74-8	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Chrysene	218-01-9	BRL	0.384	mg/kg	03.12.14 19.39	U	1

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-3**	Matrix:	Soil	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-036	Date Collected:	03.07.14 15.00	Sample Depth:	20 - 24 ft
Analytical Method:	SVOCs by SW-846 8270D			Prep Method:	SW3550
Tech:	TUE			% Moisture:	14.81
Analyst:	VIC	Date Prep:	03.11.14 12.00	Basis:	Dry Weight
Seq Number:	936056				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Dibenz(a,h)Anthracene	53-70-3	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Dibenzofuran	132-64-9	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Diethyl Phthalate	84-66-2	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Dimethyl Phthalate	131-11-3	BRL	0.384	mg/kg	03.12.14 19.39	U	1
di-n-Butyl Phthalate	84-74-2	BRL	0.384	mg/kg	03.12.14 19.39	U	1
di-n-Octyl Phthalate	117-84-0	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Fluoranthene	206-44-0	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Fluorene	86-73-7	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Hexachlorobenzene	118-74-1	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Hexachlorobutadiene	87-68-3	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Hexachlorocyclopentadiene	77-47-4	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Hexachloroethane	67-72-1	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Indeno(1,2,3-c,d)Pyrene	193-39-5	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Isophorone	78-59-1	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Naphthalene	91-20-3	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Nitrobenzene	98-95-3	BRL	0.384	mg/kg	03.12.14 19.39	U	1
N-Nitrosodi-n-Propylamine	621-64-7	BRL	0.384	mg/kg	03.12.14 19.39	U	1
N-Nitrosodiphenylamine	86-30-6	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Pentachlorophenol	87-86-5	BRL	0.768	mg/kg	03.12.14 19.39	U	1
Phenanthrene	85-01-8	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Phenol	108-95-2	BRL	0.384	mg/kg	03.12.14 19.39	U	1
Pyrene	129-00-0	BRL	0.384	mg/kg	03.12.14 19.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	52	%	38-110	03.12.14 19.39	
Nitrobenzene-d5	4165-60-0	51	%	33-116	03.12.14 19.39	
2-Fluorobiphenyl	321-60-8	52	%	44-114	03.12.14 19.39	
2,4,6-Tribromophenol	118-79-6	72	%	51-129	03.12.14 19.39	
Terphenyl-D14	1718-51-0	79	%	38-143	03.12.14 19.39	
Phenol-d5	4165-62-2	58	%	15-110	03.12.14 19.39	

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**LY-3**	Matrix:	Water	Date Received:	03.08.14 11.40
Lab Sample Id:	480839-037	Date Collected:	03.07.14 16.25		
Analytical Method:	Select Metals by SW-846 6010C			Prep Method:	SW3010A_LL
Tech:	JDR			% Moisture:	
Analyst:	4150	Date Prep:	03.11.14 11.48		
Seq Number:	936025				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Arsenic	7440-38-2	BRL	0.0100	mg/L	03.12.14 18.32	U	1

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **LY-3** Matrix: Water Date Received:03.08.14 11.40

Lab Sample Id: 480839-037 Date Collected: 03.07.14 16.25

Analytical Method: SVOCs by SW-846 8270D Prep Method: SW3510C

Tech: BRO % Moisture:

Analyst: VIC Date Prep: 03.12.14 14.00

Seq Number: 936257

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
2,3,4,6-Tetrachlorophenol	58-90-2	BRL	10.0	ug/L	03.14.14 19.41	U	1
2,4,5-Trichlorophenol	95-95-4	BRL	10.0	ug/L	03.14.14 19.41	U	1
2,4,6-Trichlorophenol	88-06-2	BRL	10.0	ug/L	03.14.14 19.41	U	1
2,4-Dichlorophenol	120-83-2	BRL	10.0	ug/L	03.14.14 19.41	U	1
2,4-Dimethylphenol	105-67-9	BRL	10.0	ug/L	03.14.14 19.41	U	1
2,4-Dinitrophenol	51-28-5	BRL	10.0	ug/L	03.14.14 19.41	U	1
2,4-Dinitrotoluene	121-14-2	BRL	10.0	ug/L	03.14.14 19.41	U	1
2,6-Dinitrotoluene	606-20-2	BRL	10.0	ug/L	03.14.14 19.41	U	1
2-Chloronaphthalene	91-58-7	BRL	10.0	ug/L	03.14.14 19.41	U	1
2-Chlorophenol	95-57-8	BRL	10.0	ug/L	03.14.14 19.41	U	1
2-Methylnaphthalene	91-57-6	BRL	10.0	ug/L	03.14.14 19.41	U	1
2-methylphenol	95-48-7	BRL	10.0	ug/L	03.14.14 19.41	U	1
2-Nitroaniline	88-74-4	BRL	10.0	ug/L	03.14.14 19.41	U	1
2-Nitrophenol	88-75-5	BRL	10.0	ug/L	03.14.14 19.41	U	1
3&4-Methylphenol	15831-10-4	BRL	10.0	ug/L	03.14.14 19.41	U	1
3,3-Dichlorobenzidine	91-94-1	BRL	10.0	ug/L	03.14.14 19.41	U	1
3-Nitroaniline	99-09-2	BRL	10.0	ug/L	03.14.14 19.41	U	1
4,6-dinitro-2-methyl phenol	534-52-1	BRL	10.0	ug/L	03.14.14 19.41	U	1
4-Bromophenyl-phenylether	101-55-3	BRL	10.0	ug/L	03.14.14 19.41	U	1
4-chloro-3-methylphenol	59-50-7	BRL	10.0	ug/L	03.14.14 19.41	U	1
4-Chloroaniline	106-47-8	BRL	10.0	ug/L	03.14.14 19.41	U	1
4-Chlorophenyl Phenyl Ether	7005-72-3	BRL	10.0	ug/L	03.14.14 19.41	U	1
4-Nitroaniline	100-01-6	BRL	10.0	ug/L	03.14.14 19.41	U	1
4-Nitrophenol	100-02-7	BRL	10.0	ug/L	03.14.14 19.41	U	1
Acenaphthene	83-32-9	BRL	10.0	ug/L	03.14.14 19.41	U	1
Acenaphthylene	208-96-8	BRL	10.0	ug/L	03.14.14 19.41	U	1
Acetophenone	98-86-2	BRL	10.0	ug/L	03.14.14 19.41	U	1
Anthracene	120-12-7	BRL	10.0	ug/L	03.14.14 19.41	U	1
Benzo(a)anthracene	56-55-3	BRL	10.0	ug/L	03.14.14 19.41	U	1
Benzo(a)pyrene	50-32-8	BRL	10.0	ug/L	03.14.14 19.41	U	1
Benzo(b)fluoranthene	205-99-2	BRL	10.0	ug/L	03.14.14 19.41	U	1
Benzo(g,h,i)perylene	191-24-2	BRL	10.0	ug/L	03.14.14 19.41	U	1
Benzo(k)fluoranthene	207-08-9	BRL	10.0	ug/L	03.14.14 19.41	U	1
Benzyl Butyl Phthalate	85-68-7	BRL	10.0	ug/L	03.14.14 19.41	U	1
bis(2-chloroethoxy) methane	111-91-1	BRL	10.0	ug/L	03.14.14 19.41	U	1
bis(2-chloroethyl) ether	111-44-4	BRL	10.0	ug/L	03.14.14 19.41	U	1
bis(2-ethylhexyl) phthalate	117-81-7	**16.7**	10.0	ug/L	03.14.14 19.41		1
Carbazole	86-74-8	BRL	10.0	ug/L	03.14.14 19.41	U	1
Chrysene	218-01-9	BRL	10.0	ug/L	03.14.14 19.41	U	1

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **LY-3**
Lab Sample Id: 480839-037

Matrix: Water
Date Collected: 03.07.14 16.25

Date Received:03.08.14 11.40

Analytical Method: SVOCs by SW-846 8270D
Tech: BRO
Analyst: VIC
Seq Number: 936257

Prep Method: SW3510C
% Moisture:

Date Prep: 03.12.14 14.00

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Dibenz(a,h)anthracene	53-70-3	BRL	10.0	ug/L	03.14.14 19.41	U	1
Dibenzofuran	132-64-9	BRL	10.0	ug/L	03.14.14 19.41	U	1
Diethyl Phthalate	84-66-2	BRL	10.0	ug/L	03.14.14 19.41	U	1
Dimethyl Phthalate	131-11-3	BRL	10.0	ug/L	03.14.14 19.41	U	1
di-n-Butyl Phthalate	84-74-2	BRL	10.0	ug/L	03.14.14 19.41	U	1
di-n-Octyl Phthalate	117-84-0	BRL	10.0	ug/L	03.14.14 19.41	U	1
Fluoranthene	206-44-0	BRL	10.0	ug/L	03.14.14 19.41	U	1
Fluorene	86-73-7	BRL	10.0	ug/L	03.14.14 19.41	U	1
Hexachlorobenzene	118-74-1	BRL	10.0	ug/L	03.14.14 19.41	U	1
Hexachlorobutadiene	87-68-3	BRL	10.0	ug/L	03.14.14 19.41	U	1
Hexachlorocyclopentadiene	77-47-4	BRL	10.0	ug/L	03.14.14 19.41	U	1
Hexachloroethane	67-72-1	BRL	10.0	ug/L	03.14.14 19.41	U	1
Indeno(1,2,3-cd)pyrene	193-39-5	BRL	10.0	ug/L	03.14.14 19.41	U	1
Isophorone	78-59-1	BRL	10.0	ug/L	03.14.14 19.41	U	1
Naphthalene	91-20-3	BRL	10.0	ug/L	03.14.14 19.41	U	1
Nitrobenzene	98-95-3	BRL	10.0	ug/L	03.14.14 19.41	U	1
N-Nitrosodi-n-Propylamine	621-64-7	BRL	10.0	ug/L	03.14.14 19.41	U	1
N-Nitrosodiphenylamine	86-30-6	BRL	10.0	ug/L	03.14.14 19.41	U	1
Pentachlorophenol	87-86-5	BRL	10.0	ug/L	03.14.14 19.41	U	1
Phenanthrene	85-01-8	BRL	10.0	ug/L	03.14.14 19.41	U	1
Phenol	108-95-2	BRL	10.0	ug/L	03.14.14 19.41	U	1
Pyrene	129-00-0	BRL	10.0	ug/L	03.14.14 19.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	49	%	33-92	03.14.14 19.41	
Nitrobenzene-d5	4165-60-0	54	%	37-94	03.14.14 19.41	
2-Fluorobiphenyl	321-60-8	57	%	33-92	03.14.14 19.41	
2,4,6-Tribromophenol	118-79-6	88	%	32-129	03.14.14 19.41	
Terphenyl-D14	1718-51-0	84	%	25-116	03.14.14 19.41	
Phenol-d5	4165-62-2	61	%	35-100	03.14.14 19.41	

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **WD-4**
Lab Sample Id: 480839-038

Matrix: Water
Date Collected: 03.07.14 13.53

Date Received:03.08.14 11.40

Analytical Method: VOCs by SW-846 8260B
Tech: JOL
Analyst: MLA
Seq Number: 935932

Prep Method: SW5030B
% Moisture:

Date Prep: 03.11.14 06.17

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,1,2-Trichloroethane	79-00-5	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,1-Dichloroethane	75-34-3	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,1-Dichloroethene	75-35-4	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,2-Dichlorobenzene	95-50-1	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,2-Dichloroethane	107-06-2	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,2-Dichloropropane	78-87-5	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,3-Dichlorobenzene	541-73-1	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,4-Dichlorobenzene	106-46-7	BRL	1.00	ug/L	03.11.14 09.49	U	1
1,4-Dioxane	123-91-1	BRL	20.0	ug/L	03.11.14 09.49	U	1
2-Butanone (MEK)	78-93-3	BRL	2.00	ug/L	03.11.14 09.49	U	1
2-Hexanone	591-78-6	BRL	2.00	ug/L	03.11.14 09.49	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2.00	ug/L	03.11.14 09.49	U	1
Acetone	67-64-1	BRL	2.00	ug/L	03.11.14 09.49	U	1
Benzene	71-43-2	BRL	1.00	ug/L	03.11.14 09.49	U	1
Bromodichloromethane	75-27-4	BRL	1.00	ug/L	03.11.14 09.49	U	1
Bromoform	75-25-2	BRL	1.00	ug/L	03.11.14 09.49	U	1
Bromomethane	74-83-9	BRL	1.00	ug/L	03.11.14 09.49	U	1
Carbon disulfide	75-15-0	BRL	1.00	ug/L	03.11.14 09.49	U	1
Carbon tetrachloride	56-23-5	BRL	1.00	ug/L	03.11.14 09.49	U	1
Chlorobenzene	108-90-7	BRL	1.00	ug/L	03.11.14 09.49	U	1
Chloroethane	75-00-3	BRL	1.00	ug/L	03.11.14 09.49	U	1
Chloroform	67-66-3	BRL	1.00	ug/L	03.11.14 09.49	U	1
Chloromethane	74-87-3	BRL	1.00	ug/L	03.11.14 09.49	U	1
cis-1,2-Dichloroethene	156-59-2	**40.6**	1.00	ug/L	03.11.14 09.49		1
cis-1,3-Dichloropropene	10061-01-5	BRL	1.00	ug/L	03.11.14 09.49	U	1
Cyclohexane	110-82-7	BRL	1.00	ug/L	03.11.14 09.49	U	1
Dibromochloromethane	124-48-1	BRL	1.00	ug/L	03.11.14 09.49	U	1
Dichlorodifluoromethane	75-71-8	BRL	1.00	ug/L	03.11.14 09.49	U	1
Ethylbenzene	100-41-4	BRL	1.00	ug/L	03.11.14 09.49	U	1
Isopropylbenzene	98-82-8	BRL	1.00	ug/L	03.11.14 09.49	U	1
m,p-Xylenes	179601-23-1	BRL	2.00	ug/L	03.11.14 09.49	U	1
Methyl acetate	79-20-9	BRL	2.00	ug/L	03.11.14 09.49	U	1

Certificate of Analytical Results 480839

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **WD-4**
Lab Sample Id: 480839-038

Matrix: Water
Date Collected: 03.07.14 13.53

Date Received:03.08.14 11.40

Analytical Method: VOCs by SW-846 8260B
Tech: JOL
Analyst: MLA
Seq Number: 935932

Prep Method: SW5030B
% Moisture:

Date Prep: 03.11.14 06.17

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	2.00	ug/L	03.11.14 09.49	U	1
Methylcyclohexane	108-87-2	BRL	1.00	ug/L	03.11.14 09.49	U	1
Methylene chloride	75-09-2	BRL	1.00	ug/L	03.11.14 09.49	U	1
o-Xylene	95-47-6	BRL	1.00	ug/L	03.11.14 09.49	U	1
Styrene	100-42-5	BRL	1.00	ug/L	03.11.14 09.49	U	1
Tetrachloroethene	127-18-4	BRL	1.00	ug/L	03.11.14 09.49	U	1
Toluene	108-88-3	BRL	1.00	ug/L	03.11.14 09.49	U	1
trans-1,2-Dichloroethene	156-60-5	**22.1**	1.00	ug/L	03.11.14 09.49		1
trans-1,3-Dichloropropene	10061-02-6	BRL	1.00	ug/L	03.11.14 09.49	U	1
Trichloroethene	79-01-6	**8.64**	1.00	ug/L	03.11.14 09.49		1
Trichlorofluoromethane	75-69-4	BRL	1.00	ug/L	03.11.14 09.49	U	1
Vinyl chloride	75-01-4	BRL	1.00	ug/L	03.11.14 09.49	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	101	%	53-159	03.11.14 09.49	
4-Bromofluorobenzene	460-00-4	101	%	30-186	03.11.14 09.49	
Toluene-D8	2037-26-5	105	%	70-130	03.11.14 09.49	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 480839

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: RCRA Mercury by SW-846 7471B — Prep Method: SW7471P
Seq Number: 936059 — Matrix: Solid — Date Prep: 03.12.14
MB Sample Id: 652298-1-BLK — LCS Sample Id: 652298-1-BKS — LCSD Sample Id: 652298-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Mercury	<0.00300	0.500	0.539	108	0.550	110	80-120	2	20	mg/kg	03.13.14 12:58	

Analytical Method: RCRA Mercury by SW-846 7471B — Prep Method: SW7471P
Seq Number: 936059 — Matrix: Soil — Date Prep: 03.12.14
Parent Sample Id: 480585-003 — MD Sample Id: 480585-003 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Mercury	<0.0537	<0.0537	0	20	mg/kg	03.13.14 13:08	U

Analytical Method: RCRA Mercury by SW-846 7471B — Prep Method: SW7471P
Seq Number: 936059 — Matrix: Soil — Date Prep: 03.12.14
Parent Sample Id: 480585-003 — MS Sample Id: 480585-003 S — MSD Sample Id: 480585-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Mercury	<0.00346	0.576	0.622	108	0.725	117	80-120	15	20	mg/kg	03.13.14 13:11	

Analytical Method: RCRA Metals by SW-846 6010C — Prep Method: SW3050B
Seq Number: 936081 — Matrix: Solid — Date Prep: 03.12.14
MB Sample Id: 652300-1-BLK — LCS Sample Id: 652300-1-BKS — LCSD Sample Id: 652300-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Arsenic	<0.617	100	98.9	99	98.3	98	75-125	1	20	mg/kg	03.13.14 15:01	
Barium	<0.204	100	99.4	99	98.8	99	75-125	1	20	mg/kg	03.13.14 15:01	
Cadmium	<0.0200	100	99.1	99	98.4	98	75-125	1	20	mg/kg	03.13.14 15:01	
Chromium	<0.0600	100	102	102	101	101	75-125	1	20	mg/kg	03.13.14 15:01	
Lead	<0.279	100	96.1	96	95.5	96	75-125	1	20	mg/kg	03.13.14 15:01	
Selenium	<0.760	100	98.4	98	97.7	98	75-125	1	20	mg/kg	03.13.14 15:01	
Silver	<0.0300	100	99.5	100	98.6	99	75-125	1	20	mg/kg	03.13.14 15:01	

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **RCRA Metals by SW-846 6010C** Prep Method: SW3050B
Seq Number: 936081 Matrix: Soil Date Prep: 03.12.14
Parent Sample Id: 480585-003 MD Sample Id: 480585-003 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Arsenic	<6.04	<6.04	0	20	mg/kg	03.13.14 15:07	U
Barium	11.1	10.7	4	20	mg/kg	03.13.14 15:07	
Cadmium	<0.604	<0.604	0	20	mg/kg	03.13.14 15:07	U
Chromium	<6.04	<6.04	0	20	mg/kg	03.13.14 15:07	U
Lead	452	66.4	149	20	mg/kg	03.13.14 15:07	F
Selenium	<6.04	<6.04	0	20	mg/kg	03.13.14 15:07	U
Silver	<6.04	<6.04	0	20	mg/kg	03.13.14 15:07	U

Analytical Method: **RCRA Metals by SW-846 6010C** Prep Method: SW3050B
Seq Number: 936081 Matrix: Soil Date Prep: 03.12.14
Parent Sample Id: 480585-003 MS Sample Id: 480585-003 S MSD Sample Id: 480585-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Arsenic	1.52	112	115	101	113	104	75-125	2	20	mg/kg	03.13.14 15:09	
Barium	11.1	112	122	99	119	101	75-125	2	20	mg/kg	03.13.14 15:09	
Cadmium	0.162	112	112	100	109	102	75-125	3	20	mg/kg	03.13.14 15:09	
Chromium	3.97	112	119	103	116	105	75-125	3	20	mg/kg	03.13.14 15:09	
Lead	452	112	179	0	158	0	75-125	12	20	mg/kg	03.13.14 15:09	X
Selenium	<0.853	112	114	102	111	104	75-125	3	20	mg/kg	03.13.14 15:09	
Silver	0.0994	112	108	96	106	99	75-125	2	20	mg/kg	03.13.14 15:09	

Analytical Method: **Select Metals by SW-846 6010C** Prep Method: SW3010A_LL
Seq Number: 936025 Matrix: Water Date Prep: 03.11.14
MB Sample Id: 652224-1-BLK LCS Sample Id: 652224-1-BKS LCSD Sample Id: 652224-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Arsenic	0.00612	0.400	0.369	92	0.369	92	75-125	0	20	mg/L	03.12.14 18:07	

Analytical Method: **Select Metals by SW-846 6010C** Prep Method: SW3010A_LL
Seq Number: 936025 Matrix: Ground Water Date Prep: 03.11.14
Parent Sample Id: 480736-001 MD Sample Id: 480736-001 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Arsenic	<0.0100	<0.0100	0	20	mg/L	03.12.14 18:18	U

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Analytical Method: **Select Metals by SW-846 6010C** Prep Method: SW3010A_LL
Seq Number: 936025 Matrix: Ground Water Date Prep: 03.11.14
Parent Sample Id: 480736-001 MS Sample Id: 480736-001 S MSD Sample Id: 480736-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Arsenic	<0.00160	0.400	0.376	94	0.389	97	75-125	3	20	mg/L	03.12.14 18:20	

Analytical Method: **Percent Moisture**
Seq Number: 935841 Matrix: Soil
Parent Sample Id: 480809-013 MD Sample Id: 480809-013 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	9.21	9.37	2	20	%	03.10.14 16:30	

Analytical Method: **Percent Moisture**
Seq Number: 935841 Matrix: Soil
Parent Sample Id: 480839-008 MD Sample Id: 480839-008 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	13.3	11.3	16	20	%	03.10.14 16:30	

Analytical Method: **Percent Moisture**
Seq Number: 935844 Matrix: Soil
Parent Sample Id: 480839-018 MD Sample Id: 480839-018 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	24.8	27.3	10	20	%	03.10.14 16:30	

Analytical Method: **Percent Moisture**
Seq Number: 935844 Matrix: Soil
Parent Sample Id: 480839-028 MD Sample Id: 480839-028 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	12.0	13.0	8	20	%	03.10.14 16:30	

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Analytical Method: SVOCs by SW-846 8270D | Prep Method: SW3550

Seq Number: 936056 | Matrix: Solid | Date Prep: 03.11.14

MB Sample Id: 652271-1-BLK | LCS Sample Id: 652271-1-BKS | LCSD Sample Id: 652271-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
2,3,4,6-Tetrachlorophenol	<0.0500	1.67	1.43	86	1.26	75	37-140	13	30	mg/kg	03.12.14 12:12	
2,4,5-Trichlorophenol	<0.0613	1.67	1.26	75	1.18	71	40-135	7	30	mg/kg	03.12.14 12:12	
2,4,6-Trichlorophenol	<0.0643	1.67	1.21	72	1.16	69	39-139	4	30	mg/kg	03.12.14 12:12	
2,4-Dichlorophenol	<0.0423	1.67	1.32	79	1.26	75	36-135	5	30	mg/kg	03.12.14 12:12	
2,4-Dimethylphenol	<0.0607	1.67	1.11	66	1.08	65	38-133	3	30	mg/kg	03.12.14 12:12	
2,4-Dinitrophenol	<0.0537	1.67	1.00	60	0.855	51	19-131	16	30	mg/kg	03.12.14 12:12	
2,4-Dinitrotoluene	<0.0537	1.67	1.39	83	1.36	81	48-131	2	47	mg/kg	03.12.14 12:12	
2,6-Dinitrotoluene	<0.0433	1.67	1.34	80	1.32	79	42-136	2	30	mg/kg	03.12.14 12:12	
2-Chloronaphthalene	<0.0607	1.67	1.21	72	1.16	69	32-138	4	30	mg/kg	03.12.14 12:12	
2-Chlorophenol	<0.0597	1.67	1.17	70	1.08	65	38-125	8	50	mg/kg	03.12.14 12:12	
2-Methylnaphthalene	<0.0510	1.67	1.25	75	1.19	71	36-126	5	30	mg/kg	03.12.14 12:12	
2-methylphenol	<0.0467	1.67	1.15	69	1.08	65	37-128	6	30	mg/kg	03.12.14 12:12	
2-Nitroaniline	<0.0447	1.67	1.25	75	1.16	69	30-133	7	30	mg/kg	03.12.14 12:12	
2-Nitrophenol	<0.0420	1.67	1.36	81	1.26	75	33-142	8	30	mg/kg	03.12.14 12:12	
3&4-Methylphenol	<0.0987	1.67	1.17	70	1.10	66	38-126	6	30	mg/kg	03.12.14 12:12	
3-Nitroaniline	<0.0460	1.67	1.29	77	1.28	77	41-135	1	30	mg/kg	03.12.14 12:12	
4,6-dinitro-2-methyl phenol	<0.0580	1.67	1.67	100	1.49	89	30-146	11	30	mg/kg	03.12.14 12:12	
4-Bromophenyl-phenylether	<0.0567	1.67	1.30	78	1.23	74	37-140	6	30	mg/kg	03.12.14 12:12	
4-chloro-3-methylphenol	<0.0477	1.67	1.25	75	1.16	69	40-134	7	33	mg/kg	03.12.14 12:12	
4-Chloroaniline	<0.0553	1.67	1.36	81	1.34	80	34-124	1	30	mg/kg	03.12.14 12:12	
4-Chlorophenyl-phenyl ether	<0.0633	1.67	1.17	70	1.12	67	41-131	4	30	mg/kg	03.12.14 12:12	
4-Nitroaniline	<0.0507	1.67	1.23	74	1.23	74	46-132	0	30	mg/kg	03.12.14 12:12	
4-Nitrophenol	<0.0410	1.67	1.37	82	1.38	83	21-152	1	50	mg/kg	03.12.14 12:12	
Acenaphthene	<0.0467	1.67	1.18	71	1.13	68	37-131	4	19	mg/kg	03.12.14 12:12	
Acenaphthylene	<0.0567	1.67	1.27	76	1.19	71	39-129	7	30	mg/kg	03.12.14 12:12	
Anthracene	<0.0493	1.67	1.23	74	1.22	73	39-139	1	30	mg/kg	03.12.14 12:12	
Benzo(a)anthracene	<0.0540	1.67	1.43	86	1.39	83	44-135	3	30	mg/kg	03.12.14 12:12	
Benzo(a)pyrene	<0.0490	1.67	1.37	82	1.36	81	43-153	1	30	mg/kg	03.12.14 12:12	
Benzo(b)fluoranthene	<0.0543	1.67	1.46	87	1.31	78	40-153	11	30	mg/kg	03.12.14 12:12	
Benzo(g,h,i)perylene	<0.0550	1.67	1.44	86	1.41	84	40-153	2	30	mg/kg	03.12.14 12:12	
Benzo(k)fluoranthene	<0.0573	1.67	1.32	79	1.30	78	33-156	2	30	mg/kg	03.12.14 12:12	
Benzyl Butyl Phthalate	<0.0500	1.67	1.46	87	1.40	84	43-145	4	30	mg/kg	03.12.14 12:12	
bis(2-chloroethoxy) methane	<0.0400	1.67	1.21	72	1.13	68	30-129	7	30	mg/kg	03.12.14 12:12	
bis(2-chloroethyl) ether	<0.0473	1.67	1.00	60	0.973	58	33-127	3	30	mg/kg	03.12.14 12:12	
bis(2-ethylhexyl) phthalate	0.0783	1.67	1.57	94	1.54	92	46-145	2	30	mg/kg	03.12.14 12:12	
Carbazole	<0.0570	1.67	1.30	78	1.27	76	40-139	2	30	mg/kg	03.12.14 12:12	
Chrysene	<0.0443	1.67	1.34	80	1.29	77	42-135	4	30	mg/kg	03.12.14 12:12	
Dibenz(a,h)Anthracene	<0.0647	1.67	1.37	82	1.35	81	41-155	1	30	mg/kg	03.12.14 12:12	
Dibenzofuran	<0.0427	1.67	1.13	68	1.09	65	39-132	4	30	mg/kg	03.12.14 12:12	
Diethyl Phthalate	<0.0537	1.67	1.26	75	1.23	74	45-131	2	30	mg/kg	03.12.14 12:12	
Dimethyl Phthalate	<0.0503	1.67	1.24	74	1.19	71	43-132	4	30	mg/kg	03.12.14 12:12	
di-n-Butyl Phthalate	<0.0613	1.67	1.29	77	1.28	77	43-142	1	30	mg/kg	03.12.14 12:12	
di-n-Octyl Phthalate	<0.0553	1.67	1.42	85	1.36	81	34-166	4	30	mg/kg	03.12.14 12:12	
Fluoranthene	<0.0433	1.67	1.30	78	1.27	76	41-138	2	30	mg/kg	03.12.14 12:12	
Fluorene	<0.0407	1.67	1.19	71	1.12	67	41-131	6	30	mg/kg	03.12.14 12:12	
Hexachlorobenzene	<0.0557	1.67	1.30	78	1.22	73	36-142	6	30	mg/kg	03.12.14 12:12	
Hexachlorobutadiene	<0.0370	1.67	1.12	67	1.10	66	35-129	2	30	mg/kg	03.12.14 12:12	
Hexachlorocyclopentadiene	<0.0573	1.67	1.02	61	1.07	64	16-106	5	30	mg/kg	03.12.14 12:12	
Hexachloroethane	<0.0517	1.67	1.14	68	1.10	66	36-121	4	30	mg/kg	03.12.14 12:12	
Indeno(1,2,3-c,d)Pyrene	<0.0607	1.67	1.36	81	1.36	81	39-154	0	30	mg/kg	03.12.14 12:12	
Isophorone	<0.0343	1.67	1.09	65	1.11	66	36-128	2	30	mg/kg	03.12.14 12:12	
Naphthalene	<0.0533	1.67	1.14	68	1.08	65	35-128	5	30	mg/kg	03.12.14 12:12	

QC Summary 480839

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **SVOCs by SW-846 8270D** Prep Method: SW3550

Seq Number: 936056 Matrix: Solid Date Prep: 03.11.14

MB Sample Id: 652271-1-BLK LCS Sample Id: 652271-1-BKS LCSD Sample Id: 652271-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Nitrobenzene	<0.0593	1.67	1.42	85	1.37	82	32-129	4	30	mg/kg	03.12.14 12:12	
N-Nitrosodi-n-Propylamine	<0.0477	1.67	1.22	73	1.17	70	34-129	4	30	mg/kg	03.12.14 12:12	
N-Nitrosodiphenylamine	<0.0700	1.67	1.43	86	1.40	84	27-155	2	30	mg/kg	03.12.14 12:12	
Pentachlorophenol	<0.0603	1.67	0.974	58	1.01	60	14-148	4	30	mg/kg	03.12.14 12:12	
Phenanthrene	<0.0553	1.67	1.22	73	1.18	71	37-139	3	30	mg/kg	03.12.14 12:12	
Phenol	<0.0467	1.67	1.12	67	1.05	63	34-127	6	30	mg/kg	03.12.14 12:12	
Pyrene	<0.0567	1.67	1.35	81	1.30	78	42-138	4	30	mg/kg	03.12.14 12:12	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
2-Fluorophenol	60		57		60		25-121	%	03.12.14 12:12
Nitrobenzene-d5	64		64		64		23-120	%	03.12.14 12:12
2-Fluorobiphenyl	62		64		65		30-115	%	03.12.14 12:12
2,4,6-Tribromophenol	80		81		84		19-122	%	03.12.14 12:12
Terphenyl-D14	86		80		84		18-137	%	03.12.14 12:12
Phenol-d5	67		65		72		15-110	%	03.12.14 12:12

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: SVOCs by SW-846 8270D | Prep Method: SW3510C

Seq Number: 936257 | Matrix: Water | Date Prep: 03.12.14

MB Sample Id: 652450-1-BLK | LCS Sample Id: 652450-1-BKS | LCSD Sample Id: 652450-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
2,3,4,6-Tetrachlorophenol	<1.47	50.0	50.5	101	47.6	95	54-99	6	30	ug/L	03.14.14 23:59	H
2,4,5-Trichlorophenol	<0.560	50.0	43.3	87	39.5	79	44-104	9	30	ug/L	03.14.14 23:59	
2,4,6-Trichlorophenol	<1.47	50.0	41.5	83	39.1	78	48-99	6	30	ug/L	03.14.14 23:59	
2,4-Dichlorophenol	<1.44	50.0	42.4	85	40.0	80	43-102	6	30	ug/L	03.14.14 23:59	
2,4-Dimethylphenol	<1.63	50.0	35.5	71	31.9	64	40-105	11	30	ug/L	03.14.14 23:59	
2,4-Dinitrophenol	<1.93	50.0	51.4	103	43.5	87	12-109	17	30	ug/L	03.14.14 23:59	
2,4-Dinitrotoluene	<1.51	50.0	47.6	95	47.4	95	59-120	0	30	ug/L	03.14.14 23:59	
2,6-Dinitrotoluene	<1.28	50.0	44.7	89	43.6	87	57-112	2	30	ug/L	03.14.14 23:59	
2-Chloronaphthalene	<1.29	50.0	36.7	73	36.2	72	51-107	1	30	ug/L	03.14.14 23:59	
2-Chlorophenol	<1.35	50.0	36.6	73	33.3	67	38-101	9	30	ug/L	03.14.14 23:59	
2-Methylnaphthalene	<1.26	50.0	40.4	81	39.5	79	44-97	2	30	ug/L	03.14.14 23:59	
2-methylphenol	<1.30	50.0	37.9	76	34.8	70	43-101	9	30	ug/L	03.14.14 23:59	
2-Nitroaniline	<1.71	50.0	30.4	61	40.6	81	31-137	29	30	ug/L	03.14.14 23:59	
2-Nitrophenol	<1.51	50.0	41.4	83	37.2	74	39-101	11	30	ug/L	03.14.14 23:59	
3&4-Methylphenol	<1.63	50.0	36.7	73	36.8	74	32-115	0	30	ug/L	03.14.14 23:59	
4,6-dinitro-2-methyl phenol	<1.51	50.0	55.6	111	46.5	93	6-131	18	30	ug/L	03.14.14 23:59	
4-Bromophenyl-phenylether	<1.30	50.0	42.0	84	42.1	84	49-114	0	30	ug/L	03.14.14 23:59	
4-chloro-3-methylphenol	<1.14	50.0	40.7	81	42.0	84	49-108	3	30	ug/L	03.14.14 23:59	
4-Chloroaniline	<1.70	50.0	15.1	30	41.4	83	18-98	93	30	ug/L	03.14.14 23:59	F
4-Chlorophenyl Phenyl Ether	<1.14	50.0	39.9	80	39.8	80	54-109	0	30	ug/L	03.14.14 23:59	
4-Nitroaniline	<1.42	50.0	6.81	14	41.5	83	48-125	144	30	ug/L	03.14.14 23:59	LF
4-Nitrophenol	<1.82	50.0	45.5	91	44.6	89	6-150	2	30	ug/L	03.14.14 23:59	
Acenaphthene	<1.20	50.0	38.2	76	37.6	75	45-117	2	30	ug/L	03.14.14 23:59	
Acenaphthylene	<1.18	50.0	35.3	71	39.2	78	42-126	10	30	ug/L	03.14.14 23:59	
Anthracene	<1.45	50.0	42.2	84	41.9	84	53-112	1	30	ug/L	03.14.14 23:59	
Benzo(a)anthracene	<1.46	50.0	44.0	88	44.2	88	43-140	0	30	ug/L	03.14.14 23:59	
Benzo(a)pyrene	<1.12	50.0	44.5	89	41.3	83	37-126	7	30	ug/L	03.14.14 23:59	
Benzo(b)fluoranthene	<0.920	50.0	50.5	101	44.3	89	40-127	13	30	ug/L	03.14.14 23:59	
Benzo(g,h,i)perylene	<0.970	50.0	47.4	95	42.7	85	42-129	10	30	ug/L	03.14.14 23:59	
Benzo(k)fluoranthene	<1.35	50.0	48.8	98	41.4	83	48-128	16	30	ug/L	03.14.14 23:59	
Benzyl Butyl Phthalate	<1.82	50.0	44.5	89	45.1	90	29-141	1	30	ug/L	03.14.14 23:59	
bis(2-chloroethoxy) methane	<1.25	50.0	23.2	46	37.6	75	37-115	47	30	ug/L	03.14.14 23:59	F
bis(2-chloroethyl) ether	<1.78	50.0	30.6	61	30.4	61	31-125	1	30	ug/L	03.14.14 23:59	
bis(2-ethylhexyl) phthalate	3.39	50.0	55.5	111	77.9	156	50-118	34	30	ug/L	03.14.14 23:59	HF
Carbazole	<1.52	50.0	29.6	59	43.1	86	45-130	37	30	ug/L	03.14.14 23:59	F
Chrysene	<1.11	50.0	41.7	83	44.2	88	54-117	6	30	ug/L	03.14.14 23:59	
Dibenz(a,h)anthracene	<1.03	50.0	47.9	96	42.1	84	48-128	13	30	ug/L	03.14.14 23:59	
Dibenzofuran	<1.24	50.0	37.2	74	36.9	74	54-102	1	30	ug/L	03.14.14 23:59	
Diethyl Phthalate	<1.38	50.0	42.7	85	42.1	84	48-121	1	30	ug/L	03.14.14 23:59	
Dimethyl Phthalate	<1.45	50.0	41.0	82	41.1	82	33-129	0	30	ug/L	03.14.14 23:59	
di-n-Butyl Phthalate	<1.52	50.0	42.2	84	42.2	84	27-137	0	30	ug/L	03.14.14 23:59	
di-n-Octyl Phthalate	<1.28	50.0	42.4	85	42.3	85	36-146	0	30	ug/L	03.14.14 23:59	
Fluoranthene	<1.41	50.0	43.9	88	42.9	86	51-124	2	30	ug/L	03.14.14 23:59	
Fluorene	<1.43	50.0	39.8	80	39.3	79	55-108	1	30	ug/L	03.14.14 23:59	
Hexachlorobenzene	<1.46	50.0	43.0	86	42.3	85	48-117	2	30	ug/L	03.14.14 23:59	
Hexachlorobutadiene	<1.12	50.0	32.2	64	29.6	59	28-106	8	30	ug/L	03.14.14 23:59	
Hexachlorocyclopentadiene	<1.16	50.0	29.3	59	29.1	58	27-184	1	30	ug/L	03.14.14 23:59	
Hexachloroethane	<1.13	50.0	31.1	62	28.4	57	34-106	9	30	ug/L	03.14.14 23:59	
Indeno(1,2,3-cd)pyrene	<0.960	50.0	47.5	95	41.9	84	38-130	13	30	ug/L	03.14.14 23:59	
Isophorone	<1.67	50.0	38.8	78	38.5	77	46-114	1	30	ug/L	03.14.14 23:59	
Naphthalene	<1.25	50.0	33.9	68	32.9	66	44-101	3	30	ug/L	03.14.14 23:59	
Nitrobenzene	<1.28	50.0	39.5	79	35.6	71	40-110	10	30	ug/L	03.14.14 23:59	

QC Summary 480839

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **SVOCs by SW-846 8270D** Prep Method: SW3510C

Seq Number: 936257 Matrix: Water Date Prep: 03.12.14

MB Sample Id: 652450-1-BLK LCS Sample Id: 652450-1-BKS LCSD Sample Id: 652450-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
N-Nitrosodi-n-Propylamine	<1.57	50.0	44.1	88	40.0	80	45-126	10	30	ug/L	03.14.14 23:59	
N-Nitrosodiphenylamine	<1.53	50.0	21.8	44	39.4	79	44-125	58	30	ug/L	03.14.14 23:59	F
Pentachlorophenol	<1.35	50.0	47.6	95	40.9	82	31-107	15	30	ug/L	03.14.14 23:59	
Phenanthrene	<1.34	50.0	41.8	84	41.0	82	53-115	2	30	ug/L	03.14.14 23:59	
Phenol	<1.27	50.0	34.5	69	32.8	66	15-64	5	30	ug/L	03.14.14 23:59	H
Pyrene	<1.22	50.0	42.8	86	42.0	84	44-120	2	30	ug/L	03.14.14 23:59	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
2-Fluorophenol	66		55		57		30-100	%	03.14.14 23:59
Nitrobenzene-d5	72		71		68		46-111	%	03.14.14 23:59
2-Fluorobiphenyl	79		71		70		44-117	%	03.14.14 23:59
2,4,6-Tribromophenol	106		98		98		48-117	%	03.14.14 23:59
Terphenyl-D14	103		88		86		46-126	%	03.14.14 23:59
Phenol-d5	66		62		67		35-100	%	03.14.14 23:59

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: SVOCs by SW-846 8270D | Prep Method: SW3550

Seq Number: 936163 | Matrix: Solid | Date Prep: 03.12.14

MB Sample Id: 652326-1-BLK | LCS Sample Id: 652326-1-BKS | LCSD Sample Id: 652326-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
2,3,4,6-Tetrachlorophenol	<0.0500	1.67	1.61	96	1.45	87	37-140	10	30	mg/kg	03.13.14 20:17	
2,4,5-Trichlorophenol	<0.0613	1.67	1.33	80	1.25	75	40-135	6	30	mg/kg	03.13.14 20:17	
2,4,6-Trichlorophenol	<0.0643	1.67	1.31	78	1.22	73	39-139	7	30	mg/kg	03.13.14 20:17	
2,4-Dichlorophenol	<0.0423	1.67	1.36	81	1.28	77	36-135	6	30	mg/kg	03.13.14 20:17	
2,4-Dimethylphenol	<0.0607	1.67	1.22	73	1.12	67	38-133	9	30	mg/kg	03.13.14 20:17	
2,4-Dinitrophenol	<0.0537	1.67	1.14	68	1.29	77	19-131	12	30	mg/kg	03.13.14 20:17	
2,4-Dinitrotoluene	<0.0537	1.67	1.46	87	1.40	84	48-131	4	47	mg/kg	03.13.14 20:17	
2,6-Dinitrotoluene	<0.0433	1.67	1.42	85	1.35	81	42-136	5	30	mg/kg	03.13.14 20:17	
2-Chloronaphthalene	<0.0607	1.67	1.22	73	1.16	69	32-138	5	30	mg/kg	03.13.14 20:17	
2-Chlorophenol	<0.0597	1.67	1.15	69	1.11	66	38-125	4	50	mg/kg	03.13.14 20:17	
2-Methylnaphthalene	<0.0510	1.67	1.29	77	1.21	72	36-126	6	30	mg/kg	03.13.14 20:17	
2-methylphenol	<0.0467	1.67	1.19	71	1.16	69	37-128	3	30	mg/kg	03.13.14 20:17	
2-Nitroaniline	<0.0447	1.67	1.36	81	1.28	77	30-133	6	30	mg/kg	03.13.14 20:17	
2-Nitrophenol	<0.0420	1.67	1.35	81	1.23	74	33-142	9	30	mg/kg	03.13.14 20:17	
3&4-Methylphenol	<0.0987	1.67	1.24	74	1.14	68	38-126	8	30	mg/kg	03.13.14 20:17	
3-Nitroaniline	<0.0460	1.67	1.36	81	1.30	78	41-135	5	30	mg/kg	03.13.14 20:17	
4,6-dinitro-2-methyl phenol	<0.0580	1.67	1.75	105	1.70	102	30-146	3	30	mg/kg	03.13.14 20:17	
4-Bromophenyl-phenylether	<0.0567	1.67	1.37	82	1.28	77	37-140	7	30	mg/kg	03.13.14 20:17	
4-chloro-3-methylphenol	<0.0477	1.67	1.35	81	1.28	77	40-134	5	33	mg/kg	03.13.14 20:17	
4-Chloroaniline	<0.0553	1.67	1.40	84	1.43	86	34-124	2	30	mg/kg	03.13.14 20:17	
4-Chlorophenyl-phenyl ether	<0.0633	1.67	1.24	74	1.18	71	41-131	5	30	mg/kg	03.13.14 20:17	
4-Nitroaniline	<0.0507	1.67	1.31	78	1.21	72	46-132	8	30	mg/kg	03.13.14 20:17	
4-Nitrophenol	<0.0410	1.67	1.23	74	1.17	70	21-152	5	50	mg/kg	03.13.14 20:17	
Acenaphthene	<0.0467	1.67	1.23	74	1.15	69	37-131	7	19	mg/kg	03.13.14 20:17	
Acenaphthylene	<0.0567	1.67	1.34	80	1.25	75	39-129	7	30	mg/kg	03.13.14 20:17	
Anthracene	<0.0493	1.67	1.35	81	1.27	76	39-139	6	30	mg/kg	03.13.14 20:17	
Benzo(a)anthracene	<0.0540	1.67	1.46	87	1.36	81	44-135	7	30	mg/kg	03.13.14 20:17	
Benzo(a)pyrene	<0.0490	1.67	1.47	88	1.37	82	43-153	7	30	mg/kg	03.13.14 20:17	
Benzo(b)fluoranthene	<0.0543	1.67	1.38	83	1.27	76	40-153	8	30	mg/kg	03.13.14 20:17	
Benzo(g,h,i)perylene	<0.0550	1.67	1.44	86	1.34	80	40-153	7	30	mg/kg	03.13.14 20:17	
Benzo(k)fluoranthene	<0.0573	1.67	1.33	80	1.29	77	33-156	3	30	mg/kg	03.13.14 20:17	
Benzyl Butyl Phthalate	<0.0500	1.67	1.46	87	1.37	82	43-145	6	30	mg/kg	03.13.14 20:17	
bis(2-chloroethoxy) methane	<0.0400	1.67	1.25	75	1.16	69	30-129	7	30	mg/kg	03.13.14 20:17	
bis(2-chloroethyl) ether	<0.0473	1.67	1.16	69	0.964	58	33-127	18	30	mg/kg	03.13.14 20:17	
bis(2-ethylhexyl) phthalate	0.0827	1.67	1.54	92	1.47	88	46-145	5	30	mg/kg	03.13.14 20:17	
Carbazole	<0.0570	1.67	1.37	82	1.29	77	40-139	6	30	mg/kg	03.13.14 20:17	
Chrysene	<0.0443	1.67	1.32	79	1.28	77	42-135	3	30	mg/kg	03.13.14 20:17	
Dibenz(a,h)Anthracene	<0.0647	1.67	1.38	83	1.28	77	41-155	8	30	mg/kg	03.13.14 20:17	
Dibenzofuran	<0.0427	1.67	1.19	71	1.12	67	39-132	6	30	mg/kg	03.13.14 20:17	
Diethyl Phthalate	<0.0537	1.67	1.31	78	1.25	75	45-131	5	30	mg/kg	03.13.14 20:17	
Dimethyl Phthalate	<0.0503	1.67	1.33	80	1.22	73	43-132	9	30	mg/kg	03.13.14 20:17	
di-n-Butyl Phthalate	<0.0613	1.67	1.34	80	1.24	74	43-142	8	30	mg/kg	03.13.14 20:17	
di-n-Octyl Phthalate	<0.0553	1.67	1.37	82	1.27	76	34-166	8	30	mg/kg	03.13.14 20:17	
Fluoranthene	<0.0433	1.67	1.37	82	1.27	76	41-138	8	30	mg/kg	03.13.14 20:17	
Fluorene	<0.0407	1.67	1.25	75	1.19	71	41-131	5	30	mg/kg	03.13.14 20:17	
Hexachlorobenzene	<0.0557	1.67	1.38	83	1.29	77	36-142	7	30	mg/kg	03.13.14 20:17	
Hexachlorobutadiene	<0.0370	1.67	1.17	70	1.11	66	35-129	5	30	mg/kg	03.13.14 20:17	
Hexachlorocyclopentadiene	<0.0573	1.67	1.22	73	1.19	71	16-106	2	30	mg/kg	03.13.14 20:17	
Hexachloroethane	<0.0517	1.67	1.18	71	1.06	63	36-121	11	30	mg/kg	03.13.14 20:17	
Indeno(1,2,3-c,d)Pyrene	<0.0607	1.67	1.40	84	1.30	78	39-154	7	30	mg/kg	03.13.14 20:17	
Isophorone	<0.0343	1.67	1.21	72	1.16	69	36-128	4	30	mg/kg	03.13.14 20:17	
Naphthalene	<0.0533	1.67	1.16	69	1.09	65	35-128	6	30	mg/kg	03.13.14 20:17	

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: SVOCs by SW-846 8270D — Prep Method: SW3550
Seq Number: 936163 — Matrix: Solid — Date Prep: 03.12.14
MB Sample Id: 652326-1-BLK — LCS Sample Id: 652326-1-BKS — LCSD Sample Id: 652326-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Nitrobenzene	<0.0593	1.67	1.41	84	1.38	83	32-129	2	30	mg/kg	03.13.14 20:17	
N-Nitrosodi-n-Propylamine	<0.0477	1.67	1.32	79	1.26	75	34-129	5	30	mg/kg	03.13.14 20:17	
N-Nitrosodiphenylamine	<0.0700	1.67	1.58	95	1.49	89	27-155	6	30	mg/kg	03.13.14 20:17	
Pentachlorophenol	<0.0603	1.67	1.26	75	1.20	72	14-148	5	30	mg/kg	03.13.14 20:17	
Phenanthrene	<0.0553	1.67	1.30	78	1.22	73	37-139	6	30	mg/kg	03.13.14 20:17	
Phenol	<0.0467	1.67	1.16	69	1.09	65	34-127	6	30	mg/kg	03.13.14 20:17	
Pyrene	<0.0567	1.67	1.40	84	1.29	77	42-138	8	30	mg/kg	03.13.14 20:17	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
2-Fluorophenol	55		59		55		25-121	%	03.13.14 20:17
Nitrobenzene-d5	62		67		65		23-120	%	03.13.14 20:17
2-Fluorobiphenyl	62		69		67		30-115	%	03.13.14 20:17
2,4,6-Tribromophenol	84		95		90		19-122	%	03.13.14 20:17
Terphenyl-D14	81		86		87		18-137	%	03.13.14 20:17
Phenol-d5	65		73		69		15-110	%	03.13.14 20:17

Analytical Method: SVOCs by SW-846 8270D — Prep Method: SW3550
Seq Number: 936056 — Matrix: Solid — Date Prep: 03.11.14
MB Sample Id: 652271-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
3,3-Dichlorobenzidine	BRL	mg/kg	03.12.14 11:44	

Analytical Method: SVOCs by SW-846 8270D — Prep Method: SW3510C
Seq Number: 936257 — Matrix: Water — Date Prep: 03.12.14
MB Sample Id: 652450-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
3,3-Dichlorobenzidine	BRL	ug/L	03.14.14 23:31	
3-Nitroaniline	BRL	ug/L	03.14.14 23:31	

Analytical Method: SVOCs by SW-846 8270D — Prep Method: SW3550
Seq Number: 936163 — Matrix: Solid — Date Prep: 03.12.14
MB Sample Id: 652326-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
3,3-Dichlorobenzidine	BRL	mg/kg	03.13.14 19:50	

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: SVOCs by SW-846 8270D | Prep Method: SW3550

Seq Number: 936056 | Matrix: Soil | Date Prep: 03.11.14

Parent Sample Id: 480724-012 | MS Sample Id: 480724-012 S | MSD Sample Id: 480724-012 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
2,3,4,6-Tetrachlorophenol	<0.0580	1.93	1.65	85	1.46	75	25-119	12	30	mg/kg	03.12.14 21:57	
2,4,5-Trichlorophenol	<0.0711	1.93	1.24	64	1.04	54	33-110	18	30	mg/kg	03.12.14 21:57	
2,4,6-Trichlorophenol	<0.0746	1.93	1.22	63	0.925	48	35-111	28	30	mg/kg	03.12.14 21:57	
2,4-Dichlorophenol	<0.0491	1.93	1.21	63	0.948	49	33-103	24	30	mg/kg	03.12.14 21:57	
2,4-Dimethylphenol	<0.0703	1.93	1.13	59	0.865	45	28-109	27	30	mg/kg	03.12.14 21:57	
2,4-Dinitrophenol	<0.0622	1.93	1.27	66	1.21	62	40-172	5	30	mg/kg	03.12.14 21:57	
2,4-Dinitrotoluene	<0.0622	1.93	1.52	79	1.53	79	35-122	1	47	mg/kg	03.12.14 21:57	
2,6-Dinitrotoluene	<0.0502	1.93	1.45	75	1.32	68	35-119	9	30	mg/kg	03.12.14 21:57	
2-Chloronaphthalene	<0.0703	1.93	1.15	60	0.880	45	32-108	27	30	mg/kg	03.12.14 21:57	
2-Chlorophenol	<0.0692	1.93	1.01	52	0.769	40	25-102	27	50	mg/kg	03.12.14 21:57	
2-Methylnaphthalene	<0.0591	1.93	1.23	64	0.949	49	22-104	26	30	mg/kg	03.12.14 21:57	
2-methylphenol	<0.0541	1.93	1.02	53	0.840	43	27-104	19	30	mg/kg	03.12.14 21:57	
2-Nitroaniline	<0.0518	1.93	1.42	74	1.23	63	20-128	14	30	mg/kg	03.12.14 21:57	
2-Nitrophenol	<0.0487	1.93	1.19	62	0.928	48	30-104	25	30	mg/kg	03.12.14 21:57	
3&4-Methylphenol	<0.114	1.93	1.10	57	0.855	44	30-111	25	30	mg/kg	03.12.14 21:57	
3-Nitroaniline	<0.0533	1.93	1.45	75	1.34	69	22-117	8	30	mg/kg	03.12.14 21:57	
4,6-dinitro-2-methyl phenol	<0.0672	1.93	1.86	96	1.73	89	3-130	7	30	mg/kg	03.12.14 21:57	
4-Bromophenyl-phenylether	<0.0657	1.93	1.34	69	1.23	63	38-115	9	30	mg/kg	03.12.14 21:57	
4-chloro-3-methylphenol	<0.0553	1.93	1.28	66	0.993	51	26-116	25	33	mg/kg	03.12.14 21:57	
4-Chloroaniline	<0.0641	1.93	1.38	72	0.951	49	4-104	37	30	mg/kg	03.12.14 21:57	F
4-Chlorophenyl-phenyl ether	<0.0734	1.93	1.26	65	1.06	55	34-114	17	30	mg/kg	03.12.14 21:57	
4-Nitroaniline	<0.0587	1.93	1.36	70	1.28	66	28-117	6	30	mg/kg	03.12.14 21:57	
4-Nitrophenol	<0.0475	1.93	1.58	82	1.55	80	12-137	2	50	mg/kg	03.12.14 21:57	
Acenaphthene	<0.0541	1.93	1.21	63	0.915	47	31-111	28	19	mg/kg	03.12.14 21:57	
Acenaphthylene	<0.0657	1.93	1.24	64	0.939	48	36-122	28	30	mg/kg	03.12.14 21:57	
Anthracene	<0.0572	1.93	1.41	73	1.39	72	33-118	1	30	mg/kg	03.12.14 21:57	
Benzo(a)anthracene	<0.0626	1.93	1.51	78	1.56	80	31-136	3	30	mg/kg	03.12.14 21:57	
Benzo(a)pyrene	<0.0568	1.93	1.53	79	1.52	78	44-105	1	30	mg/kg	03.12.14 21:57	
Benzo(b)fluoranthene	<0.0630	1.93	1.53	79	1.54	79	29-120	1	30	mg/kg	03.12.14 21:57	
Benzo(g,h,i)perylene	<0.0638	1.93	1.50	78	1.58	81	35-126	5	30	mg/kg	03.12.14 21:57	
Benzo(k)fluoranthene	<0.0665	1.93	1.48	77	1.46	75	37-123	1	30	mg/kg	03.12.14 21:57	
Benzyl Butyl Phthalate	<0.0580	1.93	1.50	78	1.55	80	35-122	3	30	mg/kg	03.12.14 21:57	
bis(2-chloroethoxy) methane	<0.0464	1.93	1.14	59	0.886	46	31-106	25	30	mg/kg	03.12.14 21:57	
bis(2-chloroethyl) ether	<0.0549	1.93	1.06	55	0.781	40	24-103	30	30	mg/kg	03.12.14 21:57	
bis(2-ethylhexyl) phthalate	<0.0626	1.93	1.57	81	1.65	85	32-129	5	30	mg/kg	03.12.14 21:57	
Carbazole	<0.0661	1.93	1.50	78	1.46	75	31-121	3	30	mg/kg	03.12.14 21:57	
Chrysene	<0.0514	1.93	1.45	75	1.50	77	34-122	3	30	mg/kg	03.12.14 21:57	
Dibenz(a,h)Anthracene	<0.0750	1.93	1.44	75	1.50	77	36-124	4	30	mg/kg	03.12.14 21:57	
Dibenzofuran	<0.0495	1.93	1.17	61	0.940	48	31-107	22	30	mg/kg	03.12.14 21:57	
Diethyl Phthalate	<0.0622	1.93	1.43	74	1.40	72	34-118	2	30	mg/kg	03.12.14 21:57	
Dimethyl Phthalate	<0.0583	1.93	1.35	70	1.30	67	36-115	4	30	mg/kg	03.12.14 21:57	
di-n-Butyl Phthalate	<0.0711	1.93	1.45	75	1.46	75	37-121	1	30	mg/kg	03.12.14 21:57	
di-n-Octyl Phthalate	<0.0641	1.93	1.44	75	1.49	77	35-126	3	30	mg/kg	03.12.14 21:57	
Fluoranthene	<0.0502	1.93	1.50	78	1.47	76	15-135	2	30	mg/kg	03.12.14 21:57	
Fluorene	<0.0471	1.93	1.27	66	1.08	56	31-117	16	30	mg/kg	03.12.14 21:57	
Hexachlorobenzene	<0.0645	1.93	1.40	73	1.37	71	38-116	2	30	mg/kg	03.12.14 21:57	
Hexachlorobutadiene	<0.0429	1.93	1.07	55	0.758	39	30-98	34	30	mg/kg	03.12.14 21:57	F
Hexachlorocyclopentadiene	<0.0665	1.93	1.17	61	1.14	59	12-194	3	30	mg/kg	03.12.14 21:57	
Hexachloroethane	<0.0599	1.93	0.991	51	0.702	36	27-98	34	30	mg/kg	03.12.14 21:57	F
Indeno(1,2,3-c,d)Pyrene	<0.0703	1.93	1.47	76	1.52	78	30-129	3	30	mg/kg	03.12.14 21:57	
Isophorone	<0.0398	1.93	1.15	60	0.857	44	11-139	29	30	mg/kg	03.12.14 21:57	
Naphthalene	<0.0618	1.93	1.07	55	0.810	42	31-100	28	30	mg/kg	03.12.14 21:57	

QC Summary 480839

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **SVOCs by SW-846 8270D** Prep Method: SW3550

Seq Number: 936056 Matrix: Soil Date Prep: 03.11.14

Parent Sample Id: 480724-012 MS Sample Id: 480724-012 S MSD Sample Id: 480724-012 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Nitrobenzene	<0.0688	1.93	1.03	53	1.05	54	27-106	2	30	mg/kg	03.12.14 21:57	
N-Nitrosodi-n-Propylamine	<0.0553	1.93	1.21	63	0.922	48	26-122	27	30	mg/kg	03.12.14 21:57	
N-Nitrosodiphenylamine	<0.0811	1.93	1.61	83	1.50	77	38-127	7	30	mg/kg	03.12.14 21:57	
Pentachlorophenol	<0.0699	1.93	1.18	61	1.26	65	14-128	7	30	mg/kg	03.12.14 21:57	
Phenanthrene	<0.0641	1.93	1.36	70	1.33	69	34-115	2	30	mg/kg	03.12.14 21:57	
Phenol	<0.0541	1.93	0.998	52	0.826	43	23-104	19	30	mg/kg	03.12.14 21:57	
Pyrene	<0.0657	1.93	1.44	75	1.51	78	33-112	5	30	mg/kg	03.12.14 21:57	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
2-Fluorophenol	45		33	**	38-110	%	03.12.14 21:57
Nitrobenzene-d5	50		40		33-116	%	03.12.14 21:57
2-Fluorobiphenyl	53		41	**	44-114	%	03.12.14 21:57
2,4,6-Tribromophenol	78		79		51-129	%	03.12.14 21:57
Terphenyl-D14	78		86		38-143	%	03.12.14 21:57
Phenol-d5	55		46		38-118	%	03.12.14 21:57

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 935933 Matrix: Solid Date Prep: 03.11.14

MB Sample Id: 652280-1-BLK LCS Sample Id: 652280-1-BKS LCSD Sample Id: 652280-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000753	0.0500	0.0525	105	0.0506	101	61-140	4	20	mg/kg	03.11.14 16:39	
1,1,2,2-Tetrachloroethane	<0.00119	0.0500	0.0485	97	0.0522	104	68-124	7	20	mg/kg	03.11.14 16:39	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00111	0.0500	0.0551	110	0.0505	101	72-135	9	20	mg/kg	03.11.14 16:39	
1,1,2-Trichloroethane	<0.000670	0.0500	0.0496	99	0.0517	103	79-117	4	20	mg/kg	03.11.14 16:39	
1,1-Dichloroethane	<0.000802	0.0500	0.0520	104	0.0497	99	72-125	5	20	mg/kg	03.11.14 16:39	
1,1-Dichloroethene	<0.00116	0.0500	0.0527	105	0.0489	98	78-126	7	20	mg/kg	03.11.14 16:39	
1,2,3-Trichlorobenzene	<0.000574	0.0500	0.0571	114	0.0597	119	75-135	4	20	mg/kg	03.11.14 16:39	
1,2,4-Trichlorobenzene	<0.000873	0.0500	0.0588	118	0.0606	121	73-136	3	20	mg/kg	03.11.14 16:39	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00162	0.0500	0.0440	88	0.0489	98	49-121	11	20	mg/kg	03.11.14 16:39	
1,2-Dibromoethane (EDB)	<0.000863	0.0500	0.0497	99	0.0512	102	81-118	3	20	mg/kg	03.11.14 16:39	
1,2-Dichlorobenzene	<0.00129	0.0500	0.0541	108	0.0555	111	80-124	3	20	mg/kg	03.11.14 16:39	
1,2-Dichloroethane	<0.000597	0.0500	0.0485	97	0.0508	102	59-131	5	20	mg/kg	03.11.14 16:39	
1,2-Dichloropropane	<0.000929	0.0500	0.0483	97	0.0481	96	81-122	0	20	mg/kg	03.11.14 16:39	
1,3-Dichlorobenzene	<0.000997	0.0500	0.0547	109	0.0567	113	83-125	4	20	mg/kg	03.11.14 16:39	
1,4-Dichlorobenzene	<0.000684	0.0500	0.0540	108	0.0552	110	83-118	2	20	mg/kg	03.11.14 16:39	
2-Butanone (MEK)	<0.00228	0.100	0.0854	85	0.0866	87	61-127	1	20	mg/kg	03.11.14 16:39	
2-Hexanone	<0.00113	0.100	0.0857	86	0.0955	96	61-138	11	20	mg/kg	03.11.14 16:39	
4-Methyl-2-pentanone (MIBK)	<0.00323	0.100	0.0907	91	0.0919	92	65-125	1	20	mg/kg	03.11.14 16:39	
Acetone	<0.00688	0.100	0.0861	86	0.0877	88	60-130	2	20	mg/kg	03.11.14 16:39	
Benzene	<0.000513	0.0500	0.0521	104	0.0517	103	79-122	1	20	mg/kg	03.11.14 16:39	
Bromochloromethane	<0.00101	0.0500	0.0526	105	0.0527	105	73-120	0	20	mg/kg	03.11.14 16:39	
Bromodichloromethane	<0.000501	0.0500	0.0487	97	0.0516	103	76-126	6	20	mg/kg	03.11.14 16:39	
Bromoform	<0.000959	0.0500	0.0487	97	0.0520	104	56-125	7	20	mg/kg	03.11.14 16:39	
Bromomethane	<0.00246	0.0500	0.0516	103	0.0476	95	61-137	8	20	mg/kg	03.11.14 16:39	
Carbon disulfide	<0.00146	0.0500	0.0535	107	0.0485	97	79-139	10	20	mg/kg	03.11.14 16:39	
Carbon tetrachloride	<0.000742	0.0500	0.0516	103	0.0542	108	60-142	5	20	mg/kg	03.11.14 16:39	
Chlorobenzene	<0.000579	0.0500	0.0530	106	0.0527	105	86-115	1	20	mg/kg	03.11.14 16:39	
Chloroethane	<0.00245	0.0500	0.0527	105	0.0554	111	57-148	5	20	mg/kg	03.11.14 16:39	
Chloroform	<0.000741	0.0500	0.0462	92	0.0496	99	71-120	7	20	mg/kg	03.11.14 16:39	
Chloromethane	<0.00230	0.0500	0.0498	100	0.0470	94	49-147	6	20	mg/kg	03.11.14 16:39	
cis-1,2-Dichloroethene	<0.000662	0.0500	0.0559	112	0.0525	105	78-121	6	20	mg/kg	03.11.14 16:39	
cis-1,3-Dichloropropene	<0.000539	0.0500	0.0494	99	0.0511	102	80-123	3	20	mg/kg	03.11.14 16:39	
Cyclohexane	<0.000945	0.0500	0.0568	114	0.0558	112	76-134	2	20	mg/kg	03.11.14 16:39	
Dibromochloromethane	<0.000994	0.0500	0.0492	98	0.0526	105	74-118	7	20	mg/kg	03.11.14 16:39	
Dichlorodifluoromethane	<0.00118	0.0500	0.0535	107	0.0473	95	34-145	12	20	mg/kg	03.11.14 16:39	
Ethylbenzene	<0.000565	0.0500	0.0561	112	0.0548	110	83-133	2	20	mg/kg	03.11.14 16:39	
Isopropylbenzene	<0.000759	0.0500	0.0606	121	0.0605	121	64-140	0	20	mg/kg	03.11.14 16:39	
m,p-Xylenes	<0.00121	0.100	0.113	113	0.111	111	82-133	2	20	mg/kg	03.11.14 16:39	
Methyl acetate	<0.000946	0.0500	0.0438	88	0.0457	91	62-121	4	20	mg/kg	03.11.14 16:39	
Methyl tert-butyl ether	<0.000693	0.100	0.0965	97	0.0948	95	68-125	2	20	mg/kg	03.11.14 16:39	
Methylcyclohexane	<0.00109	0.0500	0.0584	117	0.0574	115	73-141	2	20	mg/kg	03.11.14 16:39	
Methylene chloride	0.00238	0.0500	0.0556	111	0.0525	105	67-136	6	20	mg/kg	03.11.14 16:39	
o-Xylene	<0.000716	0.0500	0.0554	111	0.0564	113	79-133	2	20	mg/kg	03.11.14 16:39	
Styrene	<0.000742	0.0500	0.0518	104	0.0528	106	82-128	2	20	mg/kg	03.11.14 16:39	
Tetrachloroethene	<0.00104	0.0500	0.0558	112	0.0539	108	72-140	3	20	mg/kg	03.11.14 16:39	
Toluene	<0.000588	0.0500	0.0517	103	0.0514	103	85-120	1	20	mg/kg	03.11.14 16:39	
trans-1,2-Dichloroethene	<0.000780	0.0500	0.0515	103	0.0507	101	76-126	2	20	mg/kg	03.11.14 16:39	
trans-1,3-Dichloropropene	<0.000670	0.0500	0.0484	97	0.0504	101	78-115	4	20	mg/kg	03.11.14 16:39	
Trichloroethene	<0.000707	0.0500	0.0548	110	0.0530	106	71-128	3	20	mg/kg	03.11.14 16:39	
Trichlorofluoromethane	<0.00351	0.0500	0.0533	107	0.0486	97	51-154	9	20	mg/kg	03.11.14 16:39	
Vinyl chloride	<0.00201	0.0500	0.0535	107	0.0486	97	67-138	10	20	mg/kg	03.11.14 16:39	

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Seq Number: 935933 Matrix: Solid Date Prep: 03.11.14
MB Sample Id: 652280-1-BLK LCS Sample Id: 652280-1-BKS LCSD Sample Id: 652280-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	100		102		103		50-150	%	03.11.14 16:39
4-Bromofluorobenzene	98		98		98		57-158	%	03.11.14 16:39
Toluene-D8	98		98		100		50-150	%	03.11.14 16:39

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Seq Number: 936028 Matrix: Solid Date Prep: 03.12.14
MB Sample Id: 652350-1-BLK LCS Sample Id: 652350-1-BKS LCSD Sample Id: 652350-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethene	<0.00104	0.0500	0.0493	99	0.0495	99	72-140	0	20	mg/kg	03.12.14 06:46	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	103		100		99		50-150	%	03.12.14 06:46
4-Bromofluorobenzene	101		101		99		57-158	%	03.12.14 06:46
Toluene-D8	101		101		101		50-150	%	03.12.14 06:46

QC Summary 480839

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 936024 Matrix: Solid Date Prep: 03.12.14

MB Sample Id: 652345-1-BLK LCS Sample Id: 652345-1-BKS LCSD Sample Id: 652345-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000753	0.0500	0.0484	97	0.0476	95	61-140	2	20	mg/kg	03.12.14 07:51	
1,1,2,2-Tetrachloroethane	<0.00119	0.0500	0.0467	93	0.0489	98	68-124	5	20	mg/kg	03.12.14 07:51	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00111	0.0500	0.0502	100	0.0504	101	72-135	0	20	mg/kg	03.12.14 07:51	
1,1,2-Trichloroethane	<0.000670	0.0500	0.0483	97	0.0490	98	79-117	1	20	mg/kg	03.12.14 07:51	
1,1-Dichloroethane	<0.000802	0.0500	0.0447	89	0.0452	90	72-125	1	20	mg/kg	03.12.14 07:51	
1,1-Dichloroethene	<0.00116	0.0500	0.0464	93	0.0487	97	78-126	5	20	mg/kg	03.12.14 07:51	
1,2,3-Trichlorobenzene	<0.000574	0.0500	0.0578	116	0.0584	117	75-135	1	20	mg/kg	03.12.14 07:51	
1,2,4-Trichlorobenzene	<0.000873	0.0500	0.0590	118	0.0593	119	73-136	1	20	mg/kg	03.12.14 07:51	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00162	0.0500	0.0422	84	0.0422	84	49-121	0	20	mg/kg	03.12.14 07:51	
1,2-Dibromoethane (EDB)	<0.000863	0.0500	0.0453	91	0.0517	103	81-118	13	20	mg/kg	03.12.14 07:51	
1,2-Dichlorobenzene	<0.00129	0.0500	0.0535	107	0.0549	110	80-124	3	20	mg/kg	03.12.14 07:51	
1,2-Dichloroethane	<0.000597	0.0500	0.0495	99	0.0510	102	59-131	3	20	mg/kg	03.12.14 07:51	
1,2-Dichloropropane	<0.000929	0.0500	0.0501	100	0.0471	94	81-122	6	20	mg/kg	03.12.14 07:51	
1,3-Dichlorobenzene	<0.000997	0.0500	0.0546	109	0.0562	112	83-125	3	20	mg/kg	03.12.14 07:51	
1,4-Dichlorobenzene	<0.000684	0.0500	0.0543	109	0.0552	110	83-118	2	20	mg/kg	03.12.14 07:51	
2-Butanone (MEK)	<0.00228	0.100	0.0734	73	0.0797	80	61-127	8	20	mg/kg	03.12.14 07:51	
2-Hexanone	<0.00113	0.100	0.0817	82	0.0835	84	61-138	2	20	mg/kg	03.12.14 07:51	
4-Methyl-2-pentanone (MIBK)	<0.00323	0.100	0.0895	90	0.0900	90	65-125	1	20	mg/kg	03.12.14 07:51	
Acetone	<0.00688	0.100	0.0742	74	0.0771	77	60-130	4	20	mg/kg	03.12.14 07:51	
Benzene	<0.000513	0.0500	0.0515	103	0.0518	104	79-122	1	20	mg/kg	03.12.14 07:51	
Bromochloromethane	<0.00101	0.0500	0.0465	93	0.0484	97	73-120	4	20	mg/kg	03.12.14 07:51	
Bromodichloromethane	<0.000501	0.0500	0.0494	99	0.0506	101	76-126	2	20	mg/kg	03.12.14 07:51	
Bromoform	<0.000959	0.0500	0.0507	101	0.0505	101	56-125	0	20	mg/kg	03.12.14 07:51	
Bromomethane	<0.00246	0.0500	0.0449	90	0.0444	89	61-137	1	20	mg/kg	03.12.14 07:51	
Carbon disulfide	<0.00146	0.0500	0.0445	89	0.0439	88	79-139	1	20	mg/kg	03.12.14 07:51	
Carbon tetrachloride	<0.000742	0.0500	0.0468	94	0.0478	96	60-142	2	20	mg/kg	03.12.14 07:51	
Chlorobenzene	<0.000579	0.0500	0.0520	104	0.0526	105	86-115	1	20	mg/kg	03.12.14 07:51	
Chloroethane	<0.00245	0.0500	0.0414	83	0.0431	86	57-148	4	20	mg/kg	03.12.14 07:51	
Chloroform	<0.000741	0.0500	0.0437	87	0.0469	94	71-120	7	20	mg/kg	03.12.14 07:51	
Chloromethane	<0.00230	0.0500	0.0404	81	0.0387	77	49-147	4	20	mg/kg	03.12.14 07:51	
cis-1,2-Dichloroethene	<0.000662	0.0500	0.0496	99	0.0499	100	78-121	1	20	mg/kg	03.12.14 07:51	
cis-1,3-Dichloropropene	<0.000539	0.0500	0.0499	100	0.0491	98	80-123	2	20	mg/kg	03.12.14 07:51	
Cyclohexane	<0.000945	0.0500	0.0545	109	0.0481	96	76-134	12	20	mg/kg	03.12.14 07:51	
Dibromochloromethane	<0.000994	0.0500	0.0500	100	0.0528	106	74-118	5	20	mg/kg	03.12.14 07:51	
Dichlorodifluoromethane	<0.00118	0.0500	0.0481	96	0.0451	90	34-145	6	20	mg/kg	03.12.14 07:51	
Ethylbenzene	<0.000565	0.0500	0.0550	110	0.0554	111	83-133	1	20	mg/kg	03.12.14 07:51	
Isopropylbenzene	<0.000759	0.0500	0.0601	120	0.0602	120	64-140	0	20	mg/kg	03.12.14 07:51	
m,p-Xylenes	<0.00121	0.100	0.111	111	0.109	109	82-133	2	20	mg/kg	03.12.14 07:51	
Methyl acetate	<0.000946	0.0500	0.0361	72	0.0397	79	62-121	9	20	mg/kg	03.12.14 07:51	
Methyl tert-butyl ether	<0.000693	0.100	0.0854	85	0.0880	88	68-125	3	20	mg/kg	03.12.14 07:51	
Methylcyclohexane	<0.00109	0.0500	0.0593	119	0.0576	115	73-141	3	20	mg/kg	03.12.14 07:51	
Methylene chloride	0.00284	0.0500	0.0461	92	0.0465	93	67-136	1	20	mg/kg	03.12.14 07:51	
o-Xylene	<0.000716	0.0500	0.0547	109	0.0548	110	79-133	0	20	mg/kg	03.12.14 07:51	
Styrene	<0.000742	0.0500	0.0510	102	0.0524	105	82-128	3	20	mg/kg	03.12.14 07:51	
Tetrachloroethene	<0.00104	0.0500	0.0565	113	0.0544	109	72-140	4	20	mg/kg	03.12.14 07:51	
Toluene	<0.000588	0.0500	0.0511	102	0.0503	101	85-120	2	20	mg/kg	03.12.14 07:51	
trans-1,2-Dichloroethene	<0.000780	0.0500	0.0436	87	0.0459	92	76-126	5	20	mg/kg	03.12.14 07:51	
trans-1,3-Dichloropropene	<0.000670	0.0500	0.0495	99	0.0491	98	78-115	1	20	mg/kg	03.12.14 07:51	
Trichloroethene	<0.000707	0.0500	0.0559	112	0.0467	93	71-128	18	20	mg/kg	03.12.14 07:51	
Trichlorofluoromethane	<0.00351	0.0500	0.0510	102	0.0488	98	51-154	4	20	mg/kg	03.12.14 07:51	
Vinyl chloride	<0.00201	0.0500	0.0459	92	0.0426	85	67-138	7	20	mg/kg	03.12.14 07:51	

QC Summary 480839

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 936024 Matrix: Solid Date Prep: 03.12.14

MB Sample Id: 652345-1-BLK LCS Sample Id: 652345-1-BKS LCSD Sample Id: 652345-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	104		100		102		50-150	%	03.12.14 07:51
4-Bromofluorobenzene	96		98		96		57-158	%	03.12.14 07:51
Toluene-D8	100		99		98		50-150	%	03.12.14 07:51

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 935933 Matrix: Soil Date Prep: 03.11.14

Parent Sample Id: 480839-006 MS Sample Id: 480839-006 S MSD Sample Id: 480839-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000817	0.0543	0.0426	78	0.0414	77	62-137	3	20	mg/kg	03.12.14 03:15	
1,1,2,2-Tetrachloroethane	<0.00129	0.0543	0.0490	90	0.0503	93	64-128	3	20	mg/kg	03.12.14 03:15	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00120	0.0543	0.0402	74	0.0410	76	33-177	2	20	mg/kg	03.12.14 03:15	
1,1,2-Trichloroethane	<0.000727	0.0543	0.0508	94	0.0499	93	61-130	2	20	mg/kg	03.12.14 03:15	
1,1-Dichloroethane	<0.000870	0.0543	0.0410	76	0.0434	81	65-136	6	20	mg/kg	03.12.14 03:15	
1,1-Dichloroethene	<0.00126	0.0543	0.0407	75	0.0402	75	33-158	1	20	mg/kg	03.12.14 03:15	
1,2,3-Trichlorobenzene	<0.000623	0.0543	0.0385	71	0.0408	76	48-135	6	20	mg/kg	03.12.14 03:15	
1,2,4-Trichlorobenzene	<0.000947	0.0543	0.0309	57	0.0318	59	43-139	3	20	mg/kg	03.12.14 03:15	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00176	0.0543	0.0474	87	0.0498	93	51-130	5	20	mg/kg	03.12.14 03:15	
1,2-Dibromoethane (EDB)	<0.000936	0.0543	0.0520	96	0.0489	91	69-132	6	20	mg/kg	03.12.14 03:15	
1,2-Dichlorobenzene	<0.00140	0.0543	0.0375	69	0.0406	75	71-120	8	20	mg/kg	03.12.14 03:15	X
1,2-Dichloroethane	<0.000648	0.0543	0.0545	100	0.0545	101	53-140	0	20	mg/kg	03.12.14 03:15	
1,2-Dichloropropane	<0.00101	0.0543	0.0477	88	0.0488	91	68-126	2	20	mg/kg	03.12.14 03:15	
1,3-Dichlorobenzene	<0.00108	0.0543	0.0339	62	0.0348	65	68-127	3	20	mg/kg	03.12.14 03:15	X
1,4-Dichlorobenzene	<0.000742	0.0543	0.0331	61	0.0360	67	72-118	8	20	mg/kg	03.12.14 03:15	X
2-Butanone (MEK)	<0.00247	0.109	0.0877	80	0.0731	68	42-147	18	20	mg/kg	03.12.14 03:15	
2-Hexanone	<0.00123	0.109	0.0934	86	0.0928	86	32-142	1	20	mg/kg	03.12.14 03:15	
4-Methyl-2-pentanone (MIBK)	<0.00351	0.109	0.0938	86	0.0950	88	34-149	1	20	mg/kg	03.12.14 03:15	
Acetone	<0.00746	0.109	0.0966	89	0.0923	85	43-163	5	20	mg/kg	03.12.14 03:15	
Benzene	<0.000557	0.0543	0.0450	83	0.0454	84	65-135	1	20	mg/kg	03.12.14 03:15	
Bromochloromethane	<0.00109	0.0543	0.0519	96	0.0448	83	66-137	15	20	mg/kg	03.12.14 03:15	
Bromodichloromethane	<0.000544	0.0543	0.0514	95	0.0491	91	60-129	5	20	mg/kg	03.12.14 03:15	
Bromoform	<0.00104	0.0543	0.0522	96	0.0494	92	48-147	6	20	mg/kg	03.12.14 03:15	
Bromomethane	<0.00267	0.0543	0.0406	75	0.0425	79	42-170	5	20	mg/kg	03.12.14 03:15	
Carbon disulfide	<0.00158	0.0543	0.0382	70	0.0362	67	40-147	5	20	mg/kg	03.12.14 03:15	
Carbon tetrachloride	<0.000805	0.0543	0.0398	73	0.0403	75	71-117	1	20	mg/kg	03.12.14 03:15	
Chlorobenzene	<0.000628	0.0543	0.0389	72	0.0393	73	71-117	1	20	mg/kg	03.12.14 03:15	
Chloroethane	<0.00265	0.0543	0.0425	78	0.0433	80	44-166	2	20	mg/kg	03.12.14 03:15	
Chloroform	<0.000804	0.0543	0.0433	80	0.0429	80	62-127	1	20	mg/kg	03.12.14 03:15	
Chloromethane	<0.00250	0.0543	0.0394	73	0.0395	73	34-157	0	20	mg/kg	03.12.14 03:15	
cis-1,2-Dichloroethene	<0.000718	0.0543	0.0418	77	0.0451	84	41-155	8	20	mg/kg	03.12.14 03:15	
cis-1,3-Dichloropropene	<0.000585	0.0543	0.0435	80	0.0456	85	63-128	5	20	mg/kg	03.12.14 03:15	
Cyclohexane	<0.00103	0.0543	0.0405	75	0.0354	66	53-145	13	20	mg/kg	03.12.14 03:15	
Dibromochloromethane	<0.00108	0.0543	0.0517	95	0.0524	97	59-135	1	20	mg/kg	03.12.14 03:15	
Dichlorodifluoromethane	<0.00128	0.0543	0.0441	81	0.0449	83	16-171	2	20	mg/kg	03.12.14 03:15	
Ethylbenzene	<0.000613	0.0543	0.0349	64	0.0359	67	65-139	3	20	mg/kg	03.12.14 03:15	X
Isopropylbenzene	<0.000824	0.0543	0.0320	59	0.0323	60	62-133	1	20	mg/kg	03.12.14 03:15	X
m,p-Xylenes	<0.00131	0.109	0.0666	61	0.0683	63	69-130	3	20	mg/kg	03.12.14 03:15	X
Methyl acetate	<0.00103	0.0543	0.0436	80	0.0451	84	20-170	3	20	mg/kg	03.12.14 03:15	
Methyl tert-butyl ether	<0.000752	0.109	0.0950	87	0.0962	89	48-169	1	20	mg/kg	03.12.14 03:15	
Methylcyclohexane	<0.00118	0.0543	0.0398	73	0.0373	69	57-149	6	20	mg/kg	03.12.14 03:15	
Methylene chloride	0.00717	0.0543	0.0444	69	0.0466	73	17-184	5	20	mg/kg	03.12.14 03:15	
o-Xylene	<0.000777	0.0543	0.0355	65	0.0367	68	71-124	3	20	mg/kg	03.12.14 03:15	X
Styrene	<0.000805	0.0543	0.0365	67	0.0381	71	50-143	4	20	mg/kg	03.12.14 03:15	
Tetrachloroethene	<0.00112	0.0543	0.0351	65	0.0328	61	42-156	7	20	mg/kg	03.12.14 03:15	
Toluene	0.00108	0.0543	0.0384	69	0.0393	71	13-188	2	20	mg/kg	03.12.14 03:15	
trans-1,2-Dichloroethene	<0.000846	0.0543	0.0404	74	0.0402	75	57-143	0	20	mg/kg	03.12.14 03:15	
trans-1,3-Dichloropropene	<0.000727	0.0543	0.0425	78	0.0455	85	55-141	7	20	mg/kg	03.12.14 03:15	
Trichloroethene	<0.000767	0.0543	0.0357	66	0.0411	76	39-150	14	20	mg/kg	03.12.14 03:15	
Trichlorofluoromethane	<0.00381	0.0543	0.0454	84	0.0446	83	34-179	2	20	mg/kg	03.12.14 03:15	
Vinyl chloride	<0.00218	0.0543	0.0409	75	0.0416	77	40-161	2	20	mg/kg	03.12.14 03:15	

QC Summary 480839

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 935933 Matrix: Soil Date Prep: 03.11.14

Parent Sample Id: 480839-006 MS Sample Id: 480839-006 S MSD Sample Id: 480839-006 SD

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	95		104		50-150	%	03.12.14 03:15
4-Bromofluorobenzene	100		100		57-158	%	03.12.14 03:15
Toluene-D8	98		99		50-150	%	03.12.14 03:15

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 936024 Matrix: Soil Date Prep: 03.12.14

Parent Sample Id: 480839-029 MS Sample Id: 480839-029 S MSD Sample Id: 480839-029 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000876	0.0582	0.0504	87	0.0523	87	62-137	4	20	mg/kg	03.12.14 18:53	
1,1,2,2-Tetrachloroethane	<0.00138	0.0582	0.0561	96	0.0598	100	64-128	6	20	mg/kg	03.12.14 18:53	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00129	0.0582	0.0511	88	0.0497	83	33-177	3	20	mg/kg	03.12.14 18:53	
1,1,2-Trichloroethane	<0.000780	0.0582	0.0578	99	0.0607	102	61-130	5	20	mg/kg	03.12.14 18:53	
1,1-Dichloroethane	<0.000933	0.0582	0.0424	73	0.0437	73	65-136	3	20	mg/kg	03.12.14 18:53	
1,1-Dichloroethene	<0.00135	0.0582	0.0445	76	0.0477	80	33-158	7	20	mg/kg	03.12.14 18:53	
1,2,3-Trichlorobenzene	<0.000668	0.0582	0.0641	110	0.0678	113	48-135	6	20	mg/kg	03.12.14 18:53	
1,2,4-Trichlorobenzene	<0.00102	0.0582	0.0643	110	0.0688	115	43-139	7	20	mg/kg	03.12.14 18:53	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00188	0.0582	0.0518	89	0.0531	89	51-130	2	20	mg/kg	03.12.14 18:53	
1,2-Dibromoethane (EDB)	<0.00100	0.0582	0.0571	98	0.0603	101	69-132	5	20	mg/kg	03.12.14 18:53	
1,2-Dichlorobenzene	<0.00150	0.0582	0.0589	101	0.0633	106	71-120	7	20	mg/kg	03.12.14 18:53	
1,2-Dichloroethane	<0.000695	0.0582	0.0607	104	0.0626	105	53-140	3	20	mg/kg	03.12.14 18:53	
1,2-Dichloropropane	<0.00108	0.0582	0.0547	94	0.0591	99	68-126	8	20	mg/kg	03.12.14 18:53	
1,3-Dichlorobenzene	<0.00116	0.0582	0.0591	102	0.0640	107	68-127	8	20	mg/kg	03.12.14 18:53	
1,4-Dichlorobenzene	<0.000796	0.0582	0.0578	99	0.0626	105	72-118	8	20	mg/kg	03.12.14 18:53	
2-Butanone (MEK)	<0.00265	0.116	0.0942	81	0.0902	75	42-147	4	20	mg/kg	03.12.14 18:53	
2-Hexanone	<0.00131	0.116	0.107	92	0.0985	82	32-142	8	20	mg/kg	03.12.14 18:53	
4-Methyl-2-pentanone (MIBK)	<0.00376	0.116	0.112	97	0.110	92	34-149	2	20	mg/kg	03.12.14 18:53	
Acetone	0.0232	0.116	0.0987	65	0.103	67	43-163	4	20	mg/kg	03.12.14 18:53	
Benzene	<0.000597	0.0582	0.0522	90	0.0571	95	65-135	9	20	mg/kg	03.12.14 18:53	
Bromochloromethane	<0.00117	0.0582	0.0509	87	0.0462	77	66-137	10	20	mg/kg	03.12.14 18:53	
Bromodichloromethane	<0.000583	0.0582	0.0563	97	0.0580	97	60-129	3	20	mg/kg	03.12.14 18:53	
Bromoform	<0.00112	0.0582	0.0589	101	0.0607	102	48-147	3	20	mg/kg	03.12.14 18:53	
Bromomethane	<0.00286	0.0582	0.0397	68	0.0446	75	42-170	12	20	mg/kg	03.12.14 18:53	
Carbon disulfide	<0.00169	0.0582	0.0438	75	0.0478	80	40-147	9	20	mg/kg	03.12.14 18:53	
Carbon tetrachloride	<0.000863	0.0582	0.0461	79	0.0505	84	71-117	9	20	mg/kg	03.12.14 18:53	
Chlorobenzene	<0.000674	0.0582	0.0564	97	0.0591	99	71-117	5	20	mg/kg	03.12.14 18:53	
Chloroethane	<0.00284	0.0582	0.0421	72	0.0469	78	44-166	11	20	mg/kg	03.12.14 18:53	
Chloroform	<0.000862	0.0582	0.0454	78	0.0489	82	62-127	7	20	mg/kg	03.12.14 18:53	
Chloromethane	<0.00268	0.0582	0.0402	69	0.0396	66	34-157	2	20	mg/kg	03.12.14 18:53	
cis-1,2-Dichloroethene	<0.000770	0.0582	0.0464	80	0.0548	92	41-155	17	20	mg/kg	03.12.14 18:53	
cis-1,3-Dichloropropene	<0.000627	0.0582	0.0536	92	0.0577	96	63-128	7	20	mg/kg	03.12.14 18:53	
Cyclohexane	<0.00110	0.0582	0.0444	76	0.0480	80	53-145	8	20	mg/kg	03.12.14 18:53	
Dibromochloromethane	<0.00116	0.0582	0.0578	99	0.0574	96	59-135	1	20	mg/kg	03.12.14 18:53	
Dichlorodifluoromethane	<0.00137	0.0582	0.0479	82	0.0481	80	16-171	0	20	mg/kg	03.12.14 18:53	
Ethylbenzene	<0.000657	0.0582	0.0575	99	0.0616	103	65-139	7	20	mg/kg	03.12.14 18:53	
Isopropylbenzene	<0.000883	0.0582	0.0591	102	0.0649	109	62-133	9	20	mg/kg	03.12.14 18:53	
m,p-Xylenes	<0.00141	0.116	0.114	98	0.121	101	69-130	6	20	mg/kg	03.12.14 18:53	
Methyl acetate	<0.00110	0.0582	0.0470	81	0.0483	81	20-170	3	20	mg/kg	03.12.14 18:53	
Methyl tert-butyl ether	<0.000806	0.116	0.0988	85	0.100	83	48-169	1	20	mg/kg	03.12.14 18:53	
Methylcyclohexane	<0.00127	0.0582	0.0573	98	0.0623	104	57-149	8	20	mg/kg	03.12.14 18:53	
Methylene chloride	<0.00252	0.0582	0.0492	85	0.0473	79	17-184	4	20	mg/kg	03.12.14 18:53	
o-Xylene	<0.000833	0.0582	0.0565	97	0.0621	104	71-124	9	20	mg/kg	03.12.14 18:53	
Styrene	<0.000863	0.0582	0.0564	97	0.0588	98	50-143	4	20	mg/kg	03.12.14 18:53	
Tetrachloroethene	0.00993	0.0582	0.0580	83	0.0629	89	42-156	8	20	mg/kg	03.12.14 18:53	
Toluene	<0.000684	0.0582	0.0530	91	0.0565	94	13-188	6	20	mg/kg	03.12.14 18:53	
trans-1,2-Dichloroethene	<0.000907	0.0582	0.0460	79	0.0475	79	57-143	3	20	mg/kg	03.12.14 18:53	
trans-1,3-Dichloropropene	<0.000780	0.0582	0.0561	96	0.0577	96	55-141	3	20	mg/kg	03.12.14 18:53	
Trichloroethene	<0.000823	0.0582	0.0579	99	0.0592	99	39-150	2	20	mg/kg	03.12.14 18:53	
Trichlorofluoromethane	<0.00409	0.0582	0.0514	88	0.0520	87	34-179	1	20	mg/kg	03.12.14 18:53	
Vinyl chloride	<0.00234	0.0582	0.0423	73	0.0414	69	40-161	2	20	mg/kg	03.12.14 18:53	

QC Summary 480839

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 936024 Matrix: Soil Date Prep: 03.12.14

Parent Sample Id: 480839-029 MS Sample Id: 480839-029 S MSD Sample Id: 480839-029 SD

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	112		92		50-150	%	03.12.14 18:53
4-Bromofluorobenzene	96		99		57-158	%	03.12.14 18:53
Toluene-D8	96		100		50-150	%	03.12.14 18:53

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 935932 Matrix: Water Date Prep: 03.11.14

MB Sample Id: 652277-1-BLK LCS Sample Id: 652277-1-BKS LCSD Sample Id: 652277-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.160	50.0	47.6	95	47.9	96	65-130	1	20	ug/L	03.11.14 07:07	
1,1,2,2-Tetrachloroethane	<0.180	50.0	47.4	95	47.6	95	65-130	0	20	ug/L	03.11.14 07:07	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.110	50.0	42.9	86	41.5	83	65-130	3	20	ug/L	03.11.14 07:07	
1,1,2-Trichloroethane	<0.250	50.0	48.6	97	48.2	96	75-125	1	20	ug/L	03.11.14 07:07	
1,1-Dichloroethane	<0.110	50.0	47.3	95	47.0	94	70-135	1	20	ug/L	03.11.14 07:07	
1,1-Dichloroethene	<0.200	50.0	43.3	87	44.7	89	70-130	3	20	ug/L	03.11.14 07:07	
1,2,3-Trichlorobenzene	<0.250	50.0	49.7	99	50.3	101	55-140	1	20	ug/L	03.11.14 07:07	
1,2,4-Trichlorobenzene	<0.170	50.0	48.9	98	49.8	100	65-135	2	20	ug/L	03.11.14 07:07	
1,2-Dibromo-3-chloropropane (DBCP)	<0.190	50.0	45.9	92	47.1	94	50-130	3	20	ug/L	03.11.14 07:07	
1,2-Dibromoethane (EDB)	<0.180	50.0	49.5	99	48.7	97	80-120	2	20	ug/L	03.11.14 07:07	
1,2-Dichlorobenzene	<0.140	50.0	50.1	100	50.2	100	70-120	0	20	ug/L	03.11.14 07:07	
1,2-Dichloroethane	<0.180	50.0	47.3	95	47.3	95	70-130	0	20	ug/L	03.11.14 07:07	
1,2-Dichloropropane	<0.150	50.0	46.8	94	45.9	92	75-125	2	20	ug/L	03.11.14 07:07	
1,3-Dichlorobenzene	<0.170	50.0	50.7	101	50.9	102	75-125	0	20	ug/L	03.11.14 07:07	
1,4-Dichlorobenzene	<0.170	50.0	50.0	100	50.4	101	75-125	1	20	ug/L	03.11.14 07:07	
1,4-Dioxane	<8.84	1000	1020	102	907	91	30-145	12	20	ug/L	03.11.14 07:07	
2-Butanone (MEK)	<0.280	100	89.1	89	90.9	91	30-150	2	20	ug/L	03.11.14 07:07	
2-Hexanone	<0.320	100	96.4	96	97.9	98	55-130	2	20	ug/L	03.11.14 07:07	
4-Methyl-2-pentanone (MIBK)	<0.260	100	89.4	89	90.5	91	60-135	1	20	ug/L	03.11.14 07:07	
Acetone	<0.350	100	90.6	91	94.0	94	40-140	4	20	ug/L	03.11.14 07:07	
Benzene	<0.160	50.0	46.7	93	46.5	93	80-120	0	20	ug/L	03.11.14 07:07	
Bromodichloromethane	<0.250	50.0	48.7	97	49.1	98	75-120	1	20	ug/L	03.11.14 07:07	
Bromoform	<0.170	50.0	53.0	106	52.8	106	70-130	0	20	ug/L	03.11.14 07:07	
Bromomethane	<0.250	50.0	51.3	103	51.4	103	30-145	0	20	ug/L	03.11.14 07:07	
Carbon disulfide	<0.260	50.0	46.2	92	47.3	95	35-160	2	20	ug/L	03.11.14 07:07	
Carbon tetrachloride	<0.330	50.0	48.6	97	49.1	98	65-140	1	20	ug/L	03.11.14 07:07	
Chlorobenzene	<0.150	50.0	49.2	98	48.5	97	80-120	1	20	ug/L	03.11.14 07:07	
Chloroethane	<0.260	50.0	51.7	103	50.9	102	60-135	2	20	ug/L	03.11.14 07:07	
Chloroform	<0.160	50.0	47.7	95	47.5	95	65-135	0	20	ug/L	03.11.14 07:07	
Chloromethane	<0.250	50.0	41.6	83	40.6	81	40-125	2	20	ug/L	03.11.14 07:07	
cis-1,2-Dichloroethene	<0.210	50.0	48.4	97	47.2	94	70-125	3	20	ug/L	03.11.14 07:07	
cis-1,3-Dichloropropene	<0.100	50.0	49.3	99	49.1	98	70-130	0	20	ug/L	03.11.14 07:07	
Cyclohexane	<0.150	50.0	53.1	106	54.4	109	65-135	2	20	ug/L	03.11.14 07:07	
Dibromochloromethane	<0.150	50.0	50.6	101	50.8	102	60-135	0	20	ug/L	03.11.14 07:07	
Dichlorodifluoromethane	<0.220	50.0	46.9	94	46.8	94	30-155	0	20	ug/L	03.11.14 07:07	
Ethylbenzene	<0.190	50.0	49.4	99	49.5	99	75-125	0	20	ug/L	03.11.14 07:07	
Isopropylbenzene	<0.150	50.0	50.2	100	50.6	101	75-125	1	20	ug/L	03.11.14 07:07	
m,p-Xylenes	<0.510	100	99.5	100	99.1	99	75-130	0	20	ug/L	03.11.14 07:07	
Methyl acetate	<0.260	50.0	44.3	89	44.3	89	65-135	0	20	ug/L	03.11.14 07:07	
Methyl tert-butyl ether	<0.180	100	86.5	87	87.5	88	65-125	1	20	ug/L	03.11.14 07:07	
Methylcyclohexane	<0.110	50.0	50.6	101	51.5	103	65-135	2	20	ug/L	03.11.14 07:07	
Methylene chloride	<0.420	50.0	46.5	93	45.9	92	55-140	1	20	ug/L	03.11.14 07:07	
o-Xylene	<0.200	50.0	49.7	99	49.5	99	80-120	0	20	ug/L	03.11.14 07:07	
Styrene	<0.180	50.0	50.5	101	50.1	100	65-135	1	20	ug/L	03.11.14 07:07	
Tetrachloroethene	<0.160	50.0	51.6	103	51.7	103	45-150	0	20	ug/L	03.11.14 07:07	
Toluene	<0.140	50.0	49.3	99	48.9	98	75-120	1	20	ug/L	03.11.14 07:07	
trans-1,2-Dichloroethene	<0.210	50.0	46.9	94	46.4	93	60-140	1	20	ug/L	03.11.14 07:07	
trans-1,3-Dichloropropene	<0.110	50.0	51.6	103	52.4	105	55-140	2	20	ug/L	03.11.14 07:07	
Trichloroethene	<0.190	50.0	48.4	97	47.8	96	70-125	1	20	ug/L	03.11.14 07:07	
Trichlorofluoromethane	<0.530	50.0	44.4	89	44.9	90	60-145	1	20	ug/L	03.11.14 07:07	
Vinyl chloride	<0.190	50.0	48.2	96	48.3	97	50-145	0	20	ug/L	03.11.14 07:07	

QC Summary 480839

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 935932 Matrix: Water Date Prep: 03.11.14

MB Sample Id: 652277-1-BLK LCS Sample Id: 652277-1-BKS LCSD Sample Id: 652277-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	102		102		100		53-159	%	03.11.14 07:07
4-Bromofluorobenzene	100		100		100		30-186	%	03.11.14 07:07
Toluene-D8	102		102		102		70-130	%	03.11.14 07:07

QC Summary 480839

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 935932 Matrix: Ground Water Date Prep: 03.11.14

Parent Sample Id: 480888-002 MS Sample Id: 480888-002 S MSD Sample Id: 480888-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.160	50.0	47.2	94	48.6	97	59-138	3	20	ug/L	03.11.14 17:32	
1,1,2,2-Tetrachloroethane	<0.180	50.0	45.1	90	47.3	95	63-126	5	20	ug/L	03.11.14 17:32	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.110	50.0	43.4	87	44.2	88	53-138	2	20	ug/L	03.11.14 17:32	
1,1,2-Trichloroethane	<0.250	50.0	45.8	92	48.0	96	72-115	5	20	ug/L	03.11.14 17:32	
1,1-Dichloroethane	<0.110	50.0	45.0	90	45.8	92	69-132	2	20	ug/L	03.11.14 17:32	
1,1-Dichloroethene	<0.200	50.0	44.4	89	43.5	87	62-131	2	20	ug/L	03.11.14 17:32	
1,2,3-Trichlorobenzene	<0.250	50.0	48.0	96	50.0	100	48-122	4	20	ug/L	03.11.14 17:32	
1,2,4-Trichlorobenzene	<0.170	50.0	46.3	93	47.7	95	34-131	3	20	ug/L	03.11.14 17:32	
1,2-Dibromo-3-chloropropane (DBCP)	<0.190	50.0	43.1	86	46.5	93	53-121	8	20	ug/L	03.11.14 17:32	
1,2-Dibromoethane (EDB)	<0.180	50.0	46.6	93	48.6	97	66-125	4	20	ug/L	03.11.14 17:32	
1,2-Dichlorobenzene	<0.140	50.0	47.7	95	49.0	98	58-124	3	20	ug/L	03.11.14 17:32	
1,2-Dichloroethane	<0.180	50.0	46.1	92	46.7	93	55-141	1	20	ug/L	03.11.14 17:32	
1,2-Dichloropropane	<0.150	50.0	44.9	90	45.3	91	78-121	1	20	ug/L	03.11.14 17:32	
1,3-Dichlorobenzene	<0.170	50.0	47.6	95	48.9	98	62-120	3	20	ug/L	03.11.14 17:32	
1,4-Dichlorobenzene	<0.170	50.0	47.6	95	48.7	97	64-114	2	20	ug/L	03.11.14 17:32	
1,4-Dioxane	<8.84	1000	782	78	939	94	11-185	18	20	ug/L	03.11.14 17:32	
2-Butanone (MEK)	<0.280	100	83.9	84	89.4	89	50-152	6	20	ug/L	03.11.14 17:32	
2-Hexanone	<0.320	100	92.1	92	98.2	98	55-136	6	20	ug/L	03.11.14 17:32	
4-Methyl-2-pentanone (MIBK)	<0.260	100	85.2	85	90.7	91	65-132	6	20	ug/L	03.11.14 17:32	
Acetone	<0.350	100	87.2	87	93.5	94	40-140	7	20	ug/L	03.11.14 17:32	
Benzene	<0.160	50.0	45.0	90	46.5	93	77-118	3	20	ug/L	03.11.14 17:32	
Bromodichloromethane	<0.250	50.0	46.7	93	47.6	95	68-125	2	20	ug/L	03.11.14 17:32	
Bromoform	<0.170	50.0	49.8	100	52.1	104	53-112	5	20	ug/L	03.11.14 17:32	
Bromomethane	<0.250	50.0	49.6	99	48.8	98	63-137	2	20	ug/L	03.11.14 17:32	
Carbon disulfide	<0.260	50.0	45.8	92	45.4	91	26-147	1	20	ug/L	03.11.14 17:32	
Carbon tetrachloride	<0.330	50.0	47.6	95	49.0	98	56-138	3	20	ug/L	03.11.14 17:32	
Chlorobenzene	<0.150	50.0	47.0	94	48.8	98	71-114	4	20	ug/L	03.11.14 17:32	
Chloroethane	<0.260	50.0	50.6	101	51.4	103	60-137	2	20	ug/L	03.11.14 17:32	
Chloroform	<0.160	50.0	46.5	93	47.2	94	65-131	1	20	ug/L	03.11.14 17:32	
Chloromethane	<0.250	50.0	41.0	82	41.9	84	48-151	2	20	ug/L	03.11.14 17:32	
cis-1,2-Dichloroethene	<0.210	50.0	45.7	91	46.7	93	22-185	2	20	ug/L	03.11.14 17:32	
cis-1,3-Dichloropropene	<0.100	50.0	46.7	93	47.7	95	67-113	2	20	ug/L	03.11.14 17:32	
Cyclohexane	<0.150	50.0	37.4	75	37.6	75	61-141	1	20	ug/L	03.11.14 17:32	
Dibromochloromethane	<0.150	50.0	48.1	96	50.5	101	53-125	5	20	ug/L	03.11.14 17:32	
Dichlorodifluoromethane	<0.220	50.0	43.4	87	44.9	90	38-145	3	20	ug/L	03.11.14 17:32	
Ethylbenzene	<0.190	50.0	47.3	95	48.9	98	66-127	3	20	ug/L	03.11.14 17:32	
Isopropylbenzene	<0.150	50.0	47.3	95	48.7	97	58-127	3	20	ug/L	03.11.14 17:32	
m,p-Xylenes	<0.510	100	93.0	93	96.6	97	65-126	4	20	ug/L	03.11.14 17:32	
Methyl acetate	<0.260	50.0	39.4	79	40.8	82	65-135	3	20	ug/L	03.11.14 17:32	
Methyl tert-butyl ether	<0.180	100	86.3	86	86.1	86	58-141	0	20	ug/L	03.11.14 17:32	
Methylcyclohexane	<0.110	50.0	46.8	94	47.7	95	64-128	2	20	ug/L	03.11.14 17:32	
Methylene chloride	<0.420	50.0	47.1	94	46.7	93	63-150	1	20	ug/L	03.11.14 17:32	
o-Xylene	<0.200	50.0	47.3	95	48.7	97	64-123	3	20	ug/L	03.11.14 17:32	
Styrene	<0.180	50.0	47.6	95	48.6	97	50-133	2	20	ug/L	03.11.14 17:32	
Tetrachloroethene	<0.160	50.0	48.4	97	50.0	100	52-125	3	20	ug/L	03.11.14 17:32	
Toluene	<0.140	50.0	46.9	94	48.3	97	65-123	3	20	ug/L	03.11.14 17:32	
trans-1,2-Dichloroethene	<0.210	50.0	44.5	89	44.5	89	65-135	0	20	ug/L	03.11.14 17:32	
trans-1,3-Dichloropropene	<0.110	50.0	48.5	97	50.8	102	50-125	5	20	ug/L	03.11.14 17:32	
Trichloroethene	<0.190	50.0	45.8	92	47.4	95	65-125	3	20	ug/L	03.11.14 17:32	
Trichlorofluoromethane	<0.530	50.0	42.7	85	43.1	86	51-145	1	20	ug/L	03.11.14 17:32	
Vinyl chloride	<0.190	50.0	45.0	90	45.0	90	52-140	0	20	ug/L	03.11.14 17:32	

QC Summary 480839

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 935932 Matrix: Ground Water Date Prep: 03.11.14

Parent Sample Id: 480888-002 MS Sample Id: 480888-002 S MSD Sample Id: 480888-002 SD

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	98		98		53-159	%	03.11.14 17:32
4-Bromofluorobenzene	100		100		30-186	%	03.11.14 17:32
Toluene-D8	102		102		70-130	%	03.11.14 17:32

XENCO LABORATORIES
CHAIN OF CUSTODY

XENCO LABORATORIES
6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: Contour Engineering, LLC	Receiver's Initials/Temp: DCJ / 1.9°C
Address: 1455 Vaughn Rd Ste. 101 Kennesaw, GA	Custody Seal(s): ___ Y N Lab Work Order # 480839
Results Sent to: Kevin McGowan	P.O.# (if required):
Email address: kmcgowan@contoureng.com	Field Comments / Lab Precautions:
Contact Phone #: 770-634-0969 Cell#:	
Project Name (Site): Imperial Cleaners	
Project Number (ID): E13FCS:17	
Regulatory Program:	
Sampler(s): (signature)	Sampler(s): (printed) Kevin McGowan, Danielle Daij, Andrew Rebeiz

Line No.	Sample ID #	Sample Depth (Ft)	Collection Date / Time	Matrix (See below)	Composite	Grab	No. of Containers	VOCs 8260	Analysis Requested
1	SD-1A	0-2	3/7/14 12:00	S		X	4	X	
2	SD-1B	8-10	3/7/14 12:07					X	
3	SD-1C	18-20	3/7/14 12:14					X	
4	SD-2A	0-2	3/7/14 11:33					X	
5	SD-2B	8-10	3/7/14 11:40					X	
6	SD-2C	18-20	3/7/14 11:51					X	
7	SD-3A	0-2	3/7/14 11:05					X	
8	SD-3B	8-10	3/7/14 11:15					X	
9	SD-3C	18-20	3/7/14 11:25					X	
10	SD-4A	0-2	3/7/14 10:40					X	

1) Relinquished By: Danielle Daij	Date / Time 3/8/14 11:40	2) Received By: Hugo Alvez 3/8/14 11:40
3) Relinquished By:	Date / Time	4) Received By: Date / Time
5) Relinquished By:	Date / Time	6) Received By: Date / Time

Delivered by: (Circle One)
Fed Ex / UPS / Courier / Lab Pickup / Hand / Other

Turnaround Time (business days)
TAT Starts when samples are rec'd by 2PM
___10 Days ; ___5-7 Days; ___3 Days
___2 Days ; ___1 Day; ___Same Day

Matrix Guide: (W=Water) (DW = Drinking Water) (GW = Groundwater) (SW = Surface Water) (L = Liquid) (O = Oil) (S = Soil) (SD = Solid) (SL = Sludge) (A = Air) (C = Air Cartridge)

Chemical Preservation Codes: 1 = HCL / 2 = HNO_3 / 3 = H_2SO_4 / 4 = NaOH + $NaAsO_2$ / 5 = NaOH + ZnAc / 6 = $Na_2S_2O_3$ / 7 = $NaHSO_4$ & MeOH / 8 = DI Water & MeOH

Container Type: VC=Vial (Clear); VA =Vial (Amber); GC=Glass (Clear); GA=Glass (Amber); P=Plastic (HDPE); TB=Tedlar Bag; ES=EnCore Sampler; ZB=Ziploc Bag; O=Other

XENCO LABORATORIES
CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: Contour Engineering	Receiver's Initials/Temp: DB / 1.9 °C
Address: 1955 Vaughn Rd St. 104 Kennesaw, GA 30144	Custody Seal(s): ___ Y N Lab Work Order # 480839
Results Sent to: Kevin McGowan	P.O.# (if required):
Email address: kMcGowan@contoureng.com	Field Comments / Lab Precautions:
Contact Phone #: (770) 634-0969 Cell#:	
Project Name (Site): Imperial Cleaners	**Analysis Requested**
Project Number (ID): E13FCS17	**Container Type:**
Regulatory Program:	**Chemical Preservation Code:**

Sampler(s): (signature) Danielle Day Andrew Reber Kevin McGowan

Sampler(s): (printed) Danielle Day Andrew Reber Kevin McGowan

Line No.	Sample ID #	Sample Depth (Ft)	Collection Date / Time	Matrix (See below)	Composite	Grab	No. of Containers	VOCs 8260													
1	SD-4B	~~10-12~~ 8-10	3/7/14 10:49	S		X	4	X													
2	SD-4C	~~18-20~~ 18-20	3/7/14 10:58					X													
3	SD-5A	0-2	3/7/14 9:32					X													
4	SD-5B	8-10	3/7/14 9:48					X													
5	SD-5C	18-20	3/7/14 9:55					X													
6	SD-6A	0-2	3/7/14 10:18					X													
7	SD-6B	8-10	3/7/14 10:24					X													
8	SD-6C	18-20	3/7/14 10:35					X													
9	SD-7A	0-2	3/7/14 17:06					X													
10	SD-7B	8-10	3/7/14 17:19	↓		↓	↓	↓													

1) Relinquished By: Andrew Reber Date / Time 3/8/14 11:40	2) Received By: Hugo Arez Date / Time 3/8/14 11:40	Delivered by: (Circle One) Fed Ex / UPS / Courier / Lab Pickup / Hand / Other
3) Relinquished By: Date / Time	4) Received By: Date / Time	**Turnaround Time (business days)** TAT Starts when samples are rec'd by 2PM
5) Relinquished By: Date / Time	6) Received By: Date / Time	___10 Days ; ___5-7 Days; ___3 Days ___2 Days ; ___1 Day; ___Same Day

Matrix Guide: (W=Water) (DW = Drinking Water) (GW = Groundwater) (SW = Surface Water) (L = Liquid) (O = Oil) (S = Soil) (SD = Solid) (SL = Sludge) (A = Air) (C = Air Cartridge)

Chemical Preservation Codes: 1 = HCL / 2 = HNO_3 / 3 = H_2SO_4 / 4 = NaOH + $NaAsO_2$ / 5 = NaOH + ZnAc / 6 = $Na_2S_2O_3$ / 7 = $NaHSO_4$ & MeOH / 8 = DI Water & MeOH

Container Type: VC=Vial (Clear); VA =Vial (Amber); GC=Glass (Clear); GA=Glass (Amber); P=Plastic (HDPE); TB=Tedlar Bag; ES=EnCore Sampler; ZB=Ziploc Bag; O=Other

XENCO LABORATORIES
CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: CONTOUR ENGINEERING, LLC	Receiver's Initials/Temp: DD / 1.9 °C
Address: 1955 VAUGHN ROAD, SUITE 101, KENNESAW, GA 30144	Custody Seal(s): ___ Y N Lab Work Order # 480839
Results Sent to: KEVIN MCGOWAN	P.O.# (if required):
Email address: KMCGOWAN@CONTOURENG.COM	Field Comments / Lab Precautions:
Contact Phone #: 770-634-0969 Cell#:	
Project Name (Site): IMPERIAL CLEANERS	Analysis Requested
Project Number (ID): E13EC017	Container Type:
Regulatory Program:	Chemical Preservation Code:
Sampler(s): (signature)	Sampler(s): (printed) ANDREW KEBER, Danielle Day, Kevin McGowan

Line No.	Sample ID #	Sample Depth (Ft)	Collection Date / Time	Matrix (See below)	Composite	Grab	No. of Containers	VOCs 8260
1	SD-7C	18-20	3/7/14 17:30	S		X	4	X
2	SD-8A	0-2	3/7/14 17:36					X
3	SD-8B	8-10	3/7/14 17:48					X
4	SD-8C	18-20	3/7/14 17:54					X
5	SD-9A	0-2	3/7/14 17:45					X
6	SD-9B	8-10	3/7/14 17:56					X
7	SD-9C	18-20	3/7/14 18:03					X
8	SD-10A	0-2	3/7/14 17:15					X
9	SD-10B	8-10	3/7/14 17:25					X
10	SD-10C	13-15	3/7/14 17:30					X

1) Relinquished By:	Date / Time 3/8/14 11:40	2) Received By: HUGO ANEZ	Date / Time 3/8/14 11:40
3) Relinquished By:	Date / Time	4) Received By:	Date / Time
5) Relinquished By:	Date / Time	6) Received By:	Date / Time

Delivered by: (Circle One)
Fed Ex / UPS / Courier / Lab Pickup / Hand / Other

Turnaround Time (business days)
TAT Starts when samples are rec'd by 2PM
___10 Days ; ___5-7 Days; ___3 Days
___2 Days ; ___1 Day; ___Same Day

Matrix Guide: (W=Water) (DW = Drinking Water) (GW = Groundwater) (SW = Surface Water) (L = Liquid) (O = Oil) (S = Soil) (SD = Solid) (SL = Sludge) (A = Air) (C = Air Cartridge)

Chemical Preservation Codes: 1 = HCL / 2 = HNO_3 / 3 = H_2SO_4 / 4 = NaOH + $NaAsO_2$ / 5 = NaOH + ZnAc / 6 = $Na_2S_2O_3$ / 7 = $NaHSO_4$ & MeOH / 8 = DI Water & MeOH

Container Type: VC=Vial (Clear); VA =Vial (Amber); GC=Glass (Clear); GA=Glass (Amber); P=Plastic (HDPE); TB=Tedlar Bag; ES=EnCore Sampler; ZB=Ziploc Bag; O=Other

XENCO LABORATORIES
CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: Contour Engineering	Receiver's Initials/Temp: DGZ / 1.9°C
Address: 1955 Vaughn Rd Kennesaw, GA	Custody Seal(s): ___ Y N Lab Work Order # 480839
Results Sent to: Kevin McGowan	P.O.# (if required):
Email address: kmcgowan@contoureng.com	Field Comments / Lab Precautions:
Contact Phone #: 770-634-0969 Cell#:	
Project Name (Site): Imperial Cleaners	
Project Number (ID): E13FC517	Container Type:
Regulatory Program:	Chemical Preservation Code:

Sampler(s): (signature) Danielle Daly Andrew Rebeiz

Sampler(s): (printed) Kevin McGowan Danielle Daly Andrew Rebeiz

Analysis Requested

Line No.	Sample ID #	Sample Depth (Ft)	Collection Date / Time	Matrix (See below)	Composite	Grab	No. of Containers	VOCs 8260	SVOCs 8270 (Dentachlors Phenols)	RCRA Metals	Arsenic 6010
1	LY-1A	2-2.5'	3/07/14 / 14:50	S			5	X	X	X	
2	LY-1B	14-15	3/07/14 / 15:05	S			5	X	X		
3	LY-2A	0-2	3/07/14 / 15:25	S			5	X	X		
4	LY-2B	12-14	3/07/14 / 15:40	S			5	X	X		
5	LY-2		3/07/14 / 16:10	W			4	X	X		
6	LY-3	20-24	3/07/14 / 15:00	S			1		X		
7	LY-3		3/07/14 16:25	W			3		X		X
8	WD-4		3/07/14 13:53	W			2	X			
9											
10											

1) Relinquished By: Andrew Rebeiz Date / Time 3/8/14 11:40	2) Received By: Hugo Alvez Date / Time 3/8/14 11:40	Delivered by: (Circle One) Fed Ex / UPS / Courier / Lab Pickup / Hand / Other
3) Relinquished By: Date / Time	4) Received By: Date / Time	**Turnaround Time (business days)** TAT Starts when samples are rec'd by 2PM
5) Relinquished By: Date / Time	6) Received By: Date / Time	___10 Days ; ___5-7 Days; ___3 Days ___2 Days ; ___1 Day; ___Same Day

Matrix Guide: (W=Water) (DW = Drinking Water) (GW = Groundwater) (SW = Surface Water) (L = Liquid) (O = Oil) (S = Soil) (SD = Solid) (SL = Sludge) (A = Air) (C = Air Cartridge)

Chemical Preservation Codes: 1 = HCL / 2 = HNO_3 / 3 = H_2SO_4 / 4 = NaOH + $NaAsO_2$ / 5 = NaOH + ZnAc / 6 = $Na_2S_2O_3$ / 7 = $NaHSO_4$ & MeOH / 8 = DI Water & MeOH

Container Type: VC=Vial (Clear); VA =Vial (Amber); GC=Glass (Clear); GA=Glass (Amber); P=Plastic (HDPE); TB=Tedlar Bag; ES=EnCore Sampler; ZB=Ziploc Bag; O=Other

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

Client: Contour Engineering, LLC

Date/ Time Received: 03/08/2014 11:40:00 AM

Work Order #: 480839

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	1.9	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6 *Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Sample instructions complete on Chain of Custody?	**Yes**	
#9 Any missing/extra samples?	**No**	
#10 Chain of Custody signed when relinquished/ received?	**Yes**	
#11 Chain of Custody agrees with sample label(s)?	**Yes**	
#12 Container label(s) legible and intact?	**Yes**	
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**	
#14 Samples in proper container/ bottle?	**Yes**	
#15 Samples properly preserved?	**Yes**	Soil VOCs submitted in pre-weighed DI Water Vials for this submittal; Frozen upon receipt at the laboratory.
#16 Sample container(s) intact?	**Yes**	
#17 Sufficient sample amount for indicated test(s)?	**Yes**	
#18 All samples received within hold time?	**Yes**	
#19 Subcontract of sample(s)?	**No**	
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**	
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**Yes**	
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: DFU	PH Device/Lot#: I-16497-9

Checklist completed by: David C. Fuller Date: 03/10/2014

David C. Fuller

Checklist reviewed by: T. Allen Barnes Date: 03/11/2014

Allen Barnes

Analytical Report 482163

for

Contour Engineering, LLC

Project Manager: Kevin McGowan

Imperial Cleaners

E13FCS17

04-APR-14

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-14-16-TX), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
New Jersey (TX007), North Carolina(681), Oklahoma (9218), Pennsylvania (68-03610)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

04-APR-14

Project Manager: **Kevin McGowan**
Contour Engineering, LLC
1955 Vaughn Road, Suite 101
Kennesaw, GA 30144

Reference: XENCO Report No(s): **482163**
Imperial Cleaners
Project Address: GA

Kevin McGowan:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 482163. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 482163 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Eben D. Buchanan, Jr.

Eben Buchanan
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
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Sample Cross Reference 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
WD-2	W	03-26-14 11:05	24 ft	482163-001
SD-16A	S	03-26-14 11:40	0 - 2 ft	482163-002
SD-16B	S	03-26-14 11:43	8 - 10 ft	482163-003
SD-16C	S	03-26-14 11:51	18 - 20 ft	482163-004
WD-3	W	03-26-14 13:29	23.5 ft	482163-005
WD-1	W	03-26-14 16:02	30.4 ft	482163-006
WD-6	W	03-26-14 16:38	23.7 ft	482163-007
SD-11A	S	03-27-14 09:18	0 - 2 ft	482163-008
SD-11B	S	03-27-14 09:24	8 - 10 ft	482163-009
SD-11C	S	03-27-14 09:35	18 - 20 ft	482163-010
SD-12A	S	03-27-14 09:45	0 - 2 ft	482163-011
SD-12B	S	03-27-14 09:57	10 - 12 ft	482163-012
SD-13A	S	03-27-14 10:05	0 - 2 ft	482163-013
SD-13B	S	03-27-14 10:11	8 - 10 ft	482163-014
SD-13C	S	03-27-14 10:17	18 - 20 ft	482163-015
SD-14A	S	03-27-14 10:33	0 - 2 ft	482163-016
SD-14B	S	03-27-14 10:39	8 - 10 ft	482163-017
SD-14C	S	03-27-14 10:44	18 - 20 ft	482163-018
SD-15A	S	03-27-14 10:54	0 - 2 ft	482163-019
SD-15B	S	03-27-14 11:04	8 - 10 ft	482163-020
SD-15C	S	03-27-14 11:09	18 - 20 ft	482163-021

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-937371 VOCs by SW-846 8260B
Tetrachloroethene was above the calibration limit for 482163-012. When the sample was diluted, the result was below the reporting limit. The result for this analyte should be considered estimated.

Batch: LBA-937390 VOCs by SW-846 8260B
Tetrachloroethene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Samples affected are: 482163-017.
The Laboratory Control Sample for Tetrachloroethene is within laboratory Control Limits

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **WD-2**
Lab Sample Id: 482163-001

Matrix: Water
Date Collected: 03.26.14 11.05

Date Received:03.27.14 13.41
Sample Depth: 24 ft

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: LIH
Seq Number: 937493

Prep Method: SW5030B
% Moisture:

Date Prep: 03.31.14 10.23

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,1,2-Trichloroethane	79-00-5	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,1-Dichloroethane	75-34-3	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,1-Dichloroethene	75-35-4	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,2-Dichlorobenzene	95-50-1	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,2-Dichloroethane	107-06-2	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,2-Dichloropropane	78-87-5	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,3-Dichlorobenzene	541-73-1	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,4-Dichlorobenzene	106-46-7	BRL	1.00	ug/L	03.31.14 15.36	U	1
1,4-Dioxane	123-91-1	BRL	20.0	ug/L	03.31.14 15.36	U	1
2-Butanone (MEK)	78-93-3	BRL	2.00	ug/L	03.31.14 15.36	U	1
2-Hexanone	591-78-6	BRL	2.00	ug/L	03.31.14 15.36	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2.00	ug/L	03.31.14 15.36	U	1
Acetone	67-64-1	BRL	2.00	ug/L	03.31.14 15.36	U	1
Benzene	71-43-2	BRL	1.00	ug/L	03.31.14 15.36	U	1
Bromodichloromethane	75-27-4	BRL	1.00	ug/L	03.31.14 15.36	U	1
Bromoform	75-25-2	BRL	1.00	ug/L	03.31.14 15.36	U	1
Bromomethane	74-83-9	BRL	1.00	ug/L	03.31.14 15.36	U	1
Carbon disulfide	75-15-0	BRL	1.00	ug/L	03.31.14 15.36	U	1
Carbon tetrachloride	56-23-5	BRL	1.00	ug/L	03.31.14 15.36	U	1
Chlorobenzene	108-90-7	BRL	1.00	ug/L	03.31.14 15.36	U	1
Chloroethane	75-00-3	BRL	1.00	ug/L	03.31.14 15.36	U	1
Chloroform	67-66-3	BRL	1.00	ug/L	03.31.14 15.36	U	1
Chloromethane	74-87-3	BRL	1.00	ug/L	03.31.14 15.36	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	1.00	ug/L	03.31.14 15.36	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	1.00	ug/L	03.31.14 15.36	U	1
Cyclohexane	110-82-7	BRL	1.00	ug/L	03.31.14 15.36	U	1
Dibromochloromethane	124-48-1	BRL	1.00	ug/L	03.31.14 15.36	U	1
Dichlorodifluoromethane	75-71-8	BRL	1.00	ug/L	03.31.14 15.36	U	1
Ethylbenzene	100-41-4	BRL	1.00	ug/L	03.31.14 15.36	U	1
Isopropylbenzene	98-82-8	BRL	1.00	ug/L	03.31.14 15.36	U	1
m,p-Xylenes	179601-23-1	BRL	2.00	ug/L	03.31.14 15.36	U	1
Methyl acetate	79-20-9	BRL	2.00	ug/L	03.31.14 15.36	U	1

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **WD-2**
Matrix: Water
Date Received:03.27.14 13.41
Lab Sample Id: 482163-001
Date Collected: 03.26.14 11.05
Sample Depth: 24 ft

Analytical Method: VOCs by SW-846 8260B
Prep Method: SW5030B
Tech: MWE
% Moisture:
Analyst: LIH
Date Prep: 03.31.14 10.23
Seq Number: 937493

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	2.00	ug/L	03.31.14 15.36	U	1
Methylcyclohexane	108-87-2	BRL	1.00	ug/L	03.31.14 15.36	U	1
Methylene chloride	75-09-2	BRL	1.00	ug/L	03.31.14 15.36	U	1
o-Xylene	95-47-6	BRL	1.00	ug/L	03.31.14 15.36	U	1
Styrene	100-42-5	BRL	1.00	ug/L	03.31.14 15.36	U	1
Tetrachloroethene	127-18-4	BRL	1.00	ug/L	03.31.14 15.36	U	1
Toluene	108-88-3	BRL	1.00	ug/L	03.31.14 15.36	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	1.00	ug/L	03.31.14 15.36	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	1.00	ug/L	03.31.14 15.36	U	1
Trichloroethene	79-01-6	BRL	1.00	ug/L	03.31.14 15.36	U	1
Trichlorofluoromethane	75-69-4	BRL	1.00	ug/L	03.31.14 15.36	U	1
Vinyl chloride	75-01-4	BRL	1.00	ug/L	03.31.14 15.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	111	%	53-159	03.31.14 15.36	
4-Bromofluorobenzene	460-00-4	98	%	30-186	03.31.14 15.36	
Toluene-D8	2037-26-5	104	%	70-130	03.31.14 15.36	

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-16A**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-002	Date Collected:	03.26.14 11.40	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	15.55
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0507	mg/kg	03.28.14 11.53	U	1
2-Hexanone	591-78-6	BRL	0.0507	mg/kg	03.28.14 11.53	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0507	mg/kg	03.28.14 11.53	U	1
Acetone	67-64-1	BRL	0.0507	mg/kg	03.28.14 11.53	U	1
Benzene	71-43-2	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Bromochloromethane	74-97-5	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Bromodichloromethane	75-27-4	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Bromoform	75-25-2	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Bromomethane	74-83-9	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Carbon disulfide	75-15-0	BRL	0.0203	mg/kg	03.28.14 11.53	U	1
Carbon tetrachloride	56-23-5	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Chlorobenzene	108-90-7	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Chloroethane	75-00-3	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Chloroform	67-66-3	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Chloromethane	74-87-3	BRL	0.0101	mg/kg	03.28.14 11.53	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Cyclohexane	110-82-7	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Dibromochloromethane	124-48-1	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Ethylbenzene	100-41-4	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Isopropylbenzene	98-82-8	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
m,p-Xylenes	179601-23-1	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Methyl acetate	79-20-9	BRL	0.00507	mg/kg	03.28.14 11.53	U	1

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-16A**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-002	Date Collected:	03.26.14 11.40	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	15.55
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Methylcyclohexane	108-87-2	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Methylene chloride	75-09-2	BRL	0.0203	mg/kg	03.28.14 11.53	U	1
o-Xylene	95-47-6	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Styrene	100-42-5	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Tetrachloroethene	127-18-4	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Toluene	108-88-3	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Trichloroethene	79-01-6	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00507	mg/kg	03.28.14 11.53	U	1
Vinyl chloride	75-01-4	BRL	0.00507	mg/kg	03.28.14 11.53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	84	%	50-150	03.28.14 11.53	
4-Bromofluorobenzene	460-00-4	102	%	57-158	03.28.14 11.53	
Toluene-D8	2037-26-5	95	%	50-150	03.28.14 11.53	

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-16B**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-003	Date Collected:	03.26.14 11.43	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	17.7
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0523	mg/kg	03.28.14 12.19	U	1
2-Hexanone	591-78-6	BRL	0.0523	mg/kg	03.28.14 12.19	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0523	mg/kg	03.28.14 12.19	U	1
Acetone	67-64-1	BRL	0.0523	mg/kg	03.28.14 12.19	U	1
Benzene	71-43-2	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Bromochloromethane	74-97-5	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Bromodichloromethane	75-27-4	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Bromoform	75-25-2	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Bromomethane	74-83-9	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Carbon disulfide	75-15-0	BRL	0.0209	mg/kg	03.28.14 12.19	U	1
Carbon tetrachloride	56-23-5	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Chlorobenzene	108-90-7	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Chloroethane	75-00-3	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Chloroform	67-66-3	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Chloromethane	74-87-3	BRL	0.0105	mg/kg	03.28.14 12.19	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Cyclohexane	110-82-7	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Dibromochloromethane	124-48-1	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Ethylbenzene	100-41-4	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Isopropylbenzene	98-82-8	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
m,p-Xylenes	179601-23-1	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Methyl acetate	79-20-9	BRL	0.00523	mg/kg	03.28.14 12.19	U	1

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-16B**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-003	Date Collected:	03.26.14 11.43	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	17.7
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Methylcyclohexane	108-87-2	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Methylene chloride	75-09-2	BRL	0.0209	mg/kg	03.28.14 12.19	U	1
o-Xylene	95-47-6	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Styrene	100-42-5	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Tetrachloroethene	127-18-4	**0.0107**	0.00523	mg/kg	03.28.14 12.19		1
Toluene	108-88-3	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Trichloroethene	79-01-6	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00523	mg/kg	03.28.14 12.19	U	1
Vinyl chloride	75-01-4	BRL	0.00523	mg/kg	03.28.14 12.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	90	%	50-150	03.28.14 12.19	
4-Bromofluorobenzene	460-00-4	94	%	57-158	03.28.14 12.19	
Toluene-D8	2037-26-5	91	%	50-150	03.28.14 12.19	

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-16C**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-004	Date Collected:	03.26.14 11.51	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	18.03
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0432	mg/kg	03.28.14 12.44	U	1
2-Hexanone	591-78-6	BRL	0.0432	mg/kg	03.28.14 12.44	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0432	mg/kg	03.28.14 12.44	U	1
Acetone	67-64-1	BRL	0.0432	mg/kg	03.28.14 12.44	U	1
Benzene	71-43-2	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Bromochloromethane	74-97-5	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Bromodichloromethane	75-27-4	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Bromoform	75-25-2	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Bromomethane	74-83-9	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Carbon disulfide	75-15-0	BRL	0.0173	mg/kg	03.28.14 12.44	U	1
Carbon tetrachloride	56-23-5	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Chlorobenzene	108-90-7	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Chloroethane	75-00-3	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Chloroform	67-66-3	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Chloromethane	74-87-3	BRL	0.00864	mg/kg	03.28.14 12.44	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Cyclohexane	110-82-7	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Dibromochloromethane	124-48-1	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Ethylbenzene	100-41-4	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Isopropylbenzene	98-82-8	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
m,p-Xylenes	179601-23-1	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Methyl acetate	79-20-9	BRL	0.00432	mg/kg	03.28.14 12.44	U	1

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-16C**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-004	Date Collected:	03.26.14 11.51	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	18.03
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Methylcyclohexane	108-87-2	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Methylene chloride	75-09-2	BRL	0.0173	mg/kg	03.28.14 12.44	U	1
o-Xylene	95-47-6	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Styrene	100-42-5	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Tetrachloroethene	127-18-4	**0.00824**	0.00432	mg/kg	03.28.14 12.44		1
Toluene	108-88-3	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Trichloroethene	79-01-6	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00432	mg/kg	03.28.14 12.44	U	1
Vinyl chloride	75-01-4	BRL	0.00432	mg/kg	03.28.14 12.44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	90	%	50-150	03.28.14 12.44	
4-Bromofluorobenzene	460-00-4	99	%	57-158	03.28.14 12.44	
Toluene-D8	2037-26-5	96	%	50-150	03.28.14 12.44	

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **WD-3**
Lab Sample Id: 482163-005

Matrix: Water
Date Collected: 03.26.14 13.29

Date Received:03.27.14 13.41
Sample Depth: 23.5 ft

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: LIH
Seq Number: 937493

Date Prep: 03.31.14 10.23

Prep Method: SW5030B
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,1,2-Trichloroethane	79-00-5	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,1-Dichloroethane	75-34-3	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,1-Dichloroethene	75-35-4	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,2-Dichlorobenzene	95-50-1	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,2-Dichloroethane	107-06-2	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,2-Dichloropropane	78-87-5	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,3-Dichlorobenzene	541-73-1	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,4-Dichlorobenzene	106-46-7	BRL	1.00	ug/L	03.31.14 16.01	U	1
1,4-Dioxane	123-91-1	BRL	20.0	ug/L	03.31.14 16.01	U	1
2-Butanone (MEK)	78-93-3	BRL	2.00	ug/L	03.31.14 16.01	U	1
2-Hexanone	591-78-6	BRL	2.00	ug/L	03.31.14 16.01	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2.00	ug/L	03.31.14 16.01	U	1
Acetone	67-64-1	BRL	2.00	ug/L	03.31.14 16.01	U	1
Benzene	71-43-2	BRL	1.00	ug/L	03.31.14 16.01	U	1
Bromodichloromethane	75-27-4	BRL	1.00	ug/L	03.31.14 16.01	U	1
Bromoform	75-25-2	BRL	1.00	ug/L	03.31.14 16.01	U	1
Bromomethane	74-83-9	BRL	1.00	ug/L	03.31.14 16.01	U	1
Carbon disulfide	75-15-0	BRL	1.00	ug/L	03.31.14 16.01	U	1
Carbon tetrachloride	56-23-5	BRL	1.00	ug/L	03.31.14 16.01	U	1
Chlorobenzene	108-90-7	BRL	1.00	ug/L	03.31.14 16.01	U	1
Chloroethane	75-00-3	BRL	1.00	ug/L	03.31.14 16.01	U	1
Chloroform	67-66-3	BRL	1.00	ug/L	03.31.14 16.01	U	1
Chloromethane	74-87-3	BRL	1.00	ug/L	03.31.14 16.01	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	1.00	ug/L	03.31.14 16.01	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	1.00	ug/L	03.31.14 16.01	U	1
Cyclohexane	110-82-7	BRL	1.00	ug/L	03.31.14 16.01	U	1
Dibromochloromethane	124-48-1	BRL	1.00	ug/L	03.31.14 16.01	U	1
Dichlorodifluoromethane	75-71-8	BRL	1.00	ug/L	03.31.14 16.01	U	1
Ethylbenzene	100-41-4	BRL	1.00	ug/L	03.31.14 16.01	U	1
Isopropylbenzene	98-82-8	BRL	1.00	ug/L	03.31.14 16.01	U	1
m,p-Xylenes	179601-23-1	BRL	2.00	ug/L	03.31.14 16.01	U	1
Methyl acetate	79-20-9	BRL	2.00	ug/L	03.31.14 16.01	U	1

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **WD-3**
Lab Sample Id: 482163-005
Matrix: Water
Date Collected: 03.26.14 13.29
Date Received: 03.27.14 13.41
Sample Depth: 23.5 ft

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: LIH
Seq Number: 937493
Date Prep: 03.31.14 10.23
Prep Method: SW5030B
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	2.00	ug/L	03.31.14 16.01	U	1
Methylcyclohexane	108-87-2	BRL	1.00	ug/L	03.31.14 16.01	U	1
Methylene chloride	75-09-2	BRL	1.00	ug/L	03.31.14 16.01	U	1
o-Xylene	95-47-6	BRL	1.00	ug/L	03.31.14 16.01	U	1
Styrene	100-42-5	BRL	1.00	ug/L	03.31.14 16.01	U	1
Tetrachloroethene	127-18-4	BRL	1.00	ug/L	03.31.14 16.01	U	1
Toluene	108-88-3	BRL	1.00	ug/L	03.31.14 16.01	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	1.00	ug/L	03.31.14 16.01	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	1.00	ug/L	03.31.14 16.01	U	1
Trichloroethene	79-01-6	BRL	1.00	ug/L	03.31.14 16.01	U	1
Trichlorofluoromethane	75-69-4	BRL	1.00	ug/L	03.31.14 16.01	U	1
Vinyl chloride	75-01-4	BRL	1.00	ug/L	03.31.14 16.01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	116	%	53-159	03.31.14 16.01	
4-Bromofluorobenzene	460-00-4	98	%	30-186	03.31.14 16.01	
Toluene-D8	2037-26-5	103	%	70-130	03.31.14 16.01	

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **WD-1**
Lab Sample Id: 482163-006

Matrix: Water
Date Collected: 03.26.14 16.02

Date Received:03.27.14 13.41
Sample Depth: 30.4 ft

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: LIH
Seq Number: 937493

Date Prep: 03.31.14 10.23

Prep Method: SW5030B
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,1,2-Trichloroethane	79-00-5	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,1-Dichloroethane	75-34-3	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,1-Dichloroethene	75-35-4	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,2-Dichlorobenzene	95-50-1	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,2-Dichloroethane	107-06-2	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,2-Dichloropropane	78-87-5	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,3-Dichlorobenzene	541-73-1	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,4-Dichlorobenzene	106-46-7	BRL	1.00	ug/L	03.31.14 16.27	U	1
1,4-Dioxane	123-91-1	BRL	20.0	ug/L	03.31.14 16.27	U	1
2-Butanone (MEK)	78-93-3	BRL	2.00	ug/L	03.31.14 16.27	U	1
2-Hexanone	591-78-6	BRL	2.00	ug/L	03.31.14 16.27	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2.00	ug/L	03.31.14 16.27	U	1
Acetone	67-64-1	BRL	2.00	ug/L	03.31.14 16.27	U	1
Benzene	71-43-2	BRL	1.00	ug/L	03.31.14 16.27	U	1
Bromodichloromethane	75-27-4	BRL	1.00	ug/L	03.31.14 16.27	U	1
Bromoform	75-25-2	BRL	1.00	ug/L	03.31.14 16.27	U	1
Bromomethane	74-83-9	BRL	1.00	ug/L	03.31.14 16.27	U	1
Carbon disulfide	75-15-0	BRL	1.00	ug/L	03.31.14 16.27	U	1
Carbon tetrachloride	56-23-5	BRL	1.00	ug/L	03.31.14 16.27	U	1
Chlorobenzene	108-90-7	BRL	1.00	ug/L	03.31.14 16.27	U	1
Chloroethane	75-00-3	BRL	1.00	ug/L	03.31.14 16.27	U	1
Chloroform	67-66-3	BRL	1.00	ug/L	03.31.14 16.27	U	1
Chloromethane	74-87-3	BRL	1.00	ug/L	03.31.14 16.27	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	1.00	ug/L	03.31.14 16.27	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	1.00	ug/L	03.31.14 16.27	U	1
Cyclohexane	110-82-7	BRL	1.00	ug/L	03.31.14 16.27	U	1
Dibromochloromethane	124-48-1	BRL	1.00	ug/L	03.31.14 16.27	U	1
Dichlorodifluoromethane	75-71-8	BRL	1.00	ug/L	03.31.14 16.27	U	1
Ethylbenzene	100-41-4	BRL	1.00	ug/L	03.31.14 16.27	U	1
Isopropylbenzene	98-82-8	BRL	1.00	ug/L	03.31.14 16.27	U	1
m,p-Xylenes	179601-23-1	BRL	2.00	ug/L	03.31.14 16.27	U	1
Methyl acetate	79-20-9	BRL	2.00	ug/L	03.31.14 16.27	U	1

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **WD-1**
Matrix: Water
Date Received:03.27.14 13.41
Lab Sample Id: 482163-006
Date Collected: 03.26.14 16.02
Sample Depth: 30.4 ft

Analytical Method: VOCs by SW-846 8260B
Prep Method: SW5030B
Tech: MWE
% Moisture:
Analyst: LIH
Date Prep: 03.31.14 10.23
Seq Number: 937493

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	2.00	ug/L	03.31.14 16.27	U	1
Methylcyclohexane	108-87-2	BRL	1.00	ug/L	03.31.14 16.27	U	1
Methylene chloride	75-09-2	BRL	1.00	ug/L	03.31.14 16.27	U	1
o-Xylene	95-47-6	BRL	1.00	ug/L	03.31.14 16.27	U	1
Styrene	100-42-5	BRL	1.00	ug/L	03.31.14 16.27	U	1
Tetrachloroethene	127-18-4	BRL	1.00	ug/L	03.31.14 16.27	U	1
Toluene	108-88-3	BRL	1.00	ug/L	03.31.14 16.27	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	1.00	ug/L	03.31.14 16.27	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	1.00	ug/L	03.31.14 16.27	U	1
Trichloroethene	79-01-6	BRL	1.00	ug/L	03.31.14 16.27	U	1
Trichlorofluoromethane	75-69-4	BRL	1.00	ug/L	03.31.14 16.27	U	1
Vinyl chloride	75-01-4	BRL	1.00	ug/L	03.31.14 16.27	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	115	%	53-159	03.31.14 16.27	
4-Bromofluorobenzene	460-00-4	97	%	30-186	03.31.14 16.27	
Toluene-D8	2037-26-5	104	%	70-130	03.31.14 16.27	

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**WD-6**	Matrix:	Water	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-007	Date Collected:	03.26.14 16.38	Sample Depth:	23.7 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5030B
Tech:	MWE			% Moisture:	
Analyst:	LIH	Date Prep:	03.31.14 10.23		
Seq Number:	937493				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,1,2-Trichloroethane	79-00-5	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,1-Dichloroethane	75-34-3	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,1-Dichloroethene	75-35-4	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,2-Dichlorobenzene	95-50-1	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,2-Dichloroethane	107-06-2	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,2-Dichloropropane	78-87-5	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,3-Dichlorobenzene	541-73-1	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,4-Dichlorobenzene	106-46-7	BRL	1.00	ug/L	03.31.14 16.52	U	1
1,4-Dioxane	123-91-1	BRL	20.0	ug/L	03.31.14 16.52	U	1
2-Butanone (MEK)	78-93-3	BRL	2.00	ug/L	03.31.14 16.52	U	1
2-Hexanone	591-78-6	BRL	2.00	ug/L	03.31.14 16.52	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2.00	ug/L	03.31.14 16.52	U	1
Acetone	67-64-1	BRL	2.00	ug/L	03.31.14 16.52	U	1
Benzene	71-43-2	BRL	1.00	ug/L	03.31.14 16.52	U	1
Bromodichloromethane	75-27-4	BRL	1.00	ug/L	03.31.14 16.52	U	1
Bromoform	75-25-2	BRL	1.00	ug/L	03.31.14 16.52	U	1
Bromomethane	74-83-9	BRL	1.00	ug/L	03.31.14 16.52	U	1
Carbon disulfide	75-15-0	BRL	1.00	ug/L	03.31.14 16.52	U	1
Carbon tetrachloride	56-23-5	BRL	1.00	ug/L	03.31.14 16.52	U	1
Chlorobenzene	108-90-7	BRL	1.00	ug/L	03.31.14 16.52	U	1
Chloroethane	75-00-3	BRL	1.00	ug/L	03.31.14 16.52	U	1
Chloroform	67-66-3	BRL	1.00	ug/L	03.31.14 16.52	U	1
Chloromethane	74-87-3	BRL	1.00	ug/L	03.31.14 16.52	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	1.00	ug/L	03.31.14 16.52	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	1.00	ug/L	03.31.14 16.52	U	1
Cyclohexane	110-82-7	BRL	1.00	ug/L	03.31.14 16.52	U	1
Dibromochloromethane	124-48-1	BRL	1.00	ug/L	03.31.14 16.52	U	1
Dichlorodifluoromethane	75-71-8	BRL	1.00	ug/L	03.31.14 16.52	U	1
Ethylbenzene	100-41-4	BRL	1.00	ug/L	03.31.14 16.52	U	1
Isopropylbenzene	98-82-8	BRL	1.00	ug/L	03.31.14 16.52	U	1
m,p-Xylenes	179601-23-1	BRL	2.00	ug/L	03.31.14 16.52	U	1
Methyl acetate	79-20-9	BRL	2.00	ug/L	03.31.14 16.52	U	1

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **WD-6**
Lab Sample Id: 482163-007

Matrix: Water
Date Collected: 03.26.14 16.38

Date Received: 03.27.14 13.41
Sample Depth: 23.7 ft

Analytical Method: VOCs by SW-846 8260B
Tech: MWE
Analyst: LIH
Seq Number: 937493

Prep Method: SW5030B
% Moisture:

Date Prep: 03.31.14 10.23

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	2.00	ug/L	03.31.14 16.52	U	1
Methylcyclohexane	108-87-2	BRL	1.00	ug/L	03.31.14 16.52	U	1
Methylene chloride	75-09-2	BRL	1.00	ug/L	03.31.14 16.52	U	1
o-Xylene	95-47-6	BRL	1.00	ug/L	03.31.14 16.52	U	1
Styrene	100-42-5	BRL	1.00	ug/L	03.31.14 16.52	U	1
Tetrachloroethene	127-18-4	BRL	1.00	ug/L	03.31.14 16.52	U	1
Toluene	108-88-3	BRL	1.00	ug/L	03.31.14 16.52	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	1.00	ug/L	03.31.14 16.52	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	1.00	ug/L	03.31.14 16.52	U	1
Trichloroethene	79-01-6	BRL	1.00	ug/L	03.31.14 16.52	U	1
Trichlorofluoromethane	75-69-4	BRL	1.00	ug/L	03.31.14 16.52	U	1
Vinyl chloride	75-01-4	BRL	1.00	ug/L	03.31.14 16.52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	120	%	53-159	03.31.14 16.52	
4-Bromofluorobenzene	460-00-4	99	%	30-186	03.31.14 16.52	
Toluene-D8	2037-26-5	103	%	70-130	03.31.14 16.52	

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-11A**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-008	Date Collected:	03.27.14 09.18	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	21.57
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0653	mg/kg	03.28.14 13.14	U	1
2-Hexanone	591-78-6	BRL	0.0653	mg/kg	03.28.14 13.14	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0653	mg/kg	03.28.14 13.14	U	1
Acetone	67-64-1	BRL	0.0653	mg/kg	03.28.14 13.14	U	1
Benzene	71-43-2	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Bromochloromethane	74-97-5	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Bromodichloromethane	75-27-4	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Bromoform	75-25-2	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Bromomethane	74-83-9	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Carbon disulfide	75-15-0	BRL	0.0261	mg/kg	03.28.14 13.14	U	1
Carbon tetrachloride	56-23-5	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Chlorobenzene	108-90-7	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Chloroethane	75-00-3	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Chloroform	67-66-3	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Chloromethane	74-87-3	BRL	0.0131	mg/kg	03.28.14 13.14	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Cyclohexane	110-82-7	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Dibromochloromethane	124-48-1	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Ethylbenzene	100-41-4	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Isopropylbenzene	98-82-8	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
m,p-Xylenes	179601-23-1	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Methyl acetate	79-20-9	BRL	0.00653	mg/kg	03.28.14 13.14	U	1

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-11A**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-008	Date Collected:	03.27.14 09.18	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	21.57
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Methylcyclohexane	108-87-2	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Methylene chloride	75-09-2	BRL	0.0261	mg/kg	03.28.14 13.14	U	1
o-Xylene	95-47-6	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Styrene	100-42-5	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Tetrachloroethene	127-18-4	**0.148**	0.00653	mg/kg	03.28.14 13.14		1
Toluene	108-88-3	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Trichloroethene	79-01-6	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00653	mg/kg	03.28.14 13.14	U	1
Vinyl chloride	75-01-4	BRL	0.00653	mg/kg	03.28.14 13.14	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	93	%	50-150	03.28.14 13.14	
4-Bromofluorobenzene	460-00-4	94	%	57-158	03.28.14 13.14	
Toluene-D8	2037-26-5	94	%	50-150	03.28.14 13.14	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-11B**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-009	Date Collected:	03.27.14 09.24	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	23.91
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0560	mg/kg	03.28.14 13.35	U	1
2-Hexanone	591-78-6	BRL	0.0560	mg/kg	03.28.14 13.35	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0560	mg/kg	03.28.14 13.35	U	1
Acetone	67-64-1	BRL	0.0560	mg/kg	03.28.14 13.35	U	1
Benzene	71-43-2	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Bromochloromethane	74-97-5	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Bromodichloromethane	75-27-4	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Bromoform	75-25-2	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Bromomethane	74-83-9	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Carbon disulfide	75-15-0	BRL	0.0224	mg/kg	03.28.14 13.35	U	1
Carbon tetrachloride	56-23-5	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Chlorobenzene	108-90-7	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Chloroethane	75-00-3	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Chloroform	67-66-3	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Chloromethane	74-87-3	BRL	0.0112	mg/kg	03.28.14 13.35	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Cyclohexane	110-82-7	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Dibromochloromethane	124-48-1	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Ethylbenzene	100-41-4	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Isopropylbenzene	98-82-8	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
m,p-Xylenes	179601-23-1	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Methyl acetate	79-20-9	BRL	0.00560	mg/kg	03.28.14 13.35	U	1

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-11B**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-009	Date Collected:	03.27.14 09.24	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	23.91
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Methylcyclohexane	108-87-2	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Methylene chloride	75-09-2	BRL	0.0224	mg/kg	03.28.14 13.35	U	1
o-Xylene	95-47-6	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Styrene	100-42-5	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Tetrachloroethene	127-18-4	**0.0961**	0.00560	mg/kg	03.28.14 13.35		1
Toluene	108-88-3	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Trichloroethene	79-01-6	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00560	mg/kg	03.28.14 13.35	U	1
Vinyl chloride	75-01-4	BRL	0.00560	mg/kg	03.28.14 13.35	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	89	%	50-150	03.28.14 13.35	
4-Bromofluorobenzene	460-00-4	97	%	57-158	03.28.14 13.35	
Toluene-D8	2037-26-5	94	%	50-150	03.28.14 13.35	

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-11C**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-010	Date Collected:	03.27.14 09.35	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	18.78
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0572	mg/kg	03.28.14 14.00	U	1
2-Hexanone	591-78-6	BRL	0.0572	mg/kg	03.28.14 14.00	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0572	mg/kg	03.28.14 14.00	U	1
Acetone	67-64-1	BRL	0.0572	mg/kg	03.28.14 14.00	U	1
Benzene	71-43-2	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Bromochloromethane	74-97-5	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Bromodichloromethane	75-27-4	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Bromoform	75-25-2	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Bromomethane	74-83-9	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Carbon disulfide	75-15-0	BRL	0.0229	mg/kg	03.28.14 14.00	U	1
Carbon tetrachloride	56-23-5	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Chlorobenzene	108-90-7	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Chloroethane	75-00-3	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Chloroform	67-66-3	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Chloromethane	74-87-3	BRL	0.0114	mg/kg	03.28.14 14.00	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Cyclohexane	110-82-7	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Dibromochloromethane	124-48-1	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Ethylbenzene	100-41-4	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Isopropylbenzene	98-82-8	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
m,p-Xylenes	179601-23-1	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Methyl acetate	79-20-9	BRL	0.00572	mg/kg	03.28.14 14.00	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-11C**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-010	Date Collected:	03.27.14 09.35	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	18.78
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Methylcyclohexane	108-87-2	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Methylene chloride	75-09-2	BRL	0.0229	mg/kg	03.28.14 14.00	U	1
o-Xylene	95-47-6	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Styrene	100-42-5	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Tetrachloroethene	127-18-4	**0.841**	0.291	mg/kg	03.29.14 19.32	D	50
Toluene	108-88-3	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Trichloroethene	79-01-6	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00572	mg/kg	03.28.14 14.00	U	1
Vinyl chloride	75-01-4	BRL	0.00572	mg/kg	03.28.14 14.00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	80	%	50-150	03.28.14 14.00	
4-Bromofluorobenzene	460-00-4	101	%	57-158	03.28.14 14.00	
Toluene-D8	2037-26-5	95	%	50-150	03.28.14 14.00	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-12A**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-011	Date Collected:	03.27.14 09.45	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	15.61
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0497	mg/kg	03.28.14 14.25	U	1
2-Hexanone	591-78-6	BRL	0.0497	mg/kg	03.28.14 14.25	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0497	mg/kg	03.28.14 14.25	U	1
Acetone	67-64-1	BRL	0.0497	mg/kg	03.28.14 14.25	U	1
Benzene	71-43-2	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Bromochloromethane	74-97-5	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Bromodichloromethane	75-27-4	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Bromoform	75-25-2	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Bromomethane	74-83-9	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Carbon disulfide	75-15-0	BRL	0.0199	mg/kg	03.28.14 14.25	U	1
Carbon tetrachloride	56-23-5	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Chlorobenzene	108-90-7	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Chloroethane	75-00-3	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Chloroform	67-66-3	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Chloromethane	74-87-3	BRL	0.00994	mg/kg	03.28.14 14.25	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Cyclohexane	110-82-7	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Dibromochloromethane	124-48-1	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Ethylbenzene	100-41-4	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Isopropylbenzene	98-82-8	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
m,p-Xylenes	179601-23-1	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Methyl acetate	79-20-9	BRL	0.00497	mg/kg	03.28.14 14.25	U	1

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Imperial Cleaners

Sample Id:	**SD-12A**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-011	Date Collected:	03.27.14 09.45	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	15.61
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Methylcyclohexane	108-87-2	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Methylene chloride	75-09-2	BRL	0.0199	mg/kg	03.28.14 14.25	U	1
o-Xylene	95-47-6	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Styrene	100-42-5	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Tetrachloroethene	127-18-4	**1.30**	0.296	mg/kg	03.29.14 19.54	D	50
Toluene	108-88-3	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Trichloroethene	79-01-6	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00497	mg/kg	03.28.14 14.25	U	1
Vinyl chloride	75-01-4	BRL	0.00497	mg/kg	03.28.14 14.25	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	91	%	50-150	03.28.14 14.25	
4-Bromofluorobenzene	460-00-4	98	%	57-158	03.28.14 14.25	
Toluene-D8	2037-26-5	93	%	50-150	03.28.14 14.25	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-12B**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-012	Date Collected:	03.27.14 09.57	Sample Depth:	10 - 12 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	13.09
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0414	mg/kg	03.28.14 14.51	U	1
2-Hexanone	591-78-6	BRL	0.0414	mg/kg	03.28.14 14.51	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0414	mg/kg	03.28.14 14.51	U	1
Acetone	67-64-1	BRL	0.0414	mg/kg	03.28.14 14.51	U	1
Benzene	71-43-2	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Bromochloromethane	74-97-5	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Bromodichloromethane	75-27-4	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Bromoform	75-25-2	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Bromomethane	74-83-9	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Carbon disulfide	75-15-0	BRL	0.0166	mg/kg	03.28.14 14.51	U	1
Carbon tetrachloride	56-23-5	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Chlorobenzene	108-90-7	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Chloroethane	75-00-3	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Chloroform	67-66-3	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Chloromethane	74-87-3	BRL	0.00828	mg/kg	03.28.14 14.51	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Cyclohexane	110-82-7	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Dibromochloromethane	124-48-1	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Ethylbenzene	100-41-4	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Isopropylbenzene	98-82-8	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
m,p-Xylenes	179601-23-1	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Methyl acetate	79-20-9	BRL	0.00414	mg/kg	03.28.14 14.51	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-12B**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-012	Date Collected:	03.27.14 09.57	Sample Depth:	10 - 12 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	13.09
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Methylcyclohexane	108-87-2	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Methylene chloride	75-09-2	BRL	0.0166	mg/kg	03.28.14 14.51	U	1
o-Xylene	95-47-6	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Styrene	100-42-5	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Tetrachloroethene	127-18-4	**0.230**	0.00414	mg/kg	03.28.14 14.51	E	1
Toluene	108-88-3	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Trichloroethene	79-01-6	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00414	mg/kg	03.28.14 14.51	U	1
Vinyl chloride	75-01-4	BRL	0.00414	mg/kg	03.28.14 14.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	89	%	50-150	03.28.14 14.51	
4-Bromofluorobenzene	460-00-4	98	%	57-158	03.28.14 14.51	
Toluene-D8	2037-26-5	93	%	50-150	03.28.14 14.51	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-13A**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-013	Date Collected:	03.27.14 10.05	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	15.08
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0502	mg/kg	03.28.14 15.16	U	1
2-Hexanone	591-78-6	BRL	0.0502	mg/kg	03.28.14 15.16	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0502	mg/kg	03.28.14 15.16	U	1
Acetone	67-64-1	BRL	0.0502	mg/kg	03.28.14 15.16	U	1
Benzene	71-43-2	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Bromochloromethane	74-97-5	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Bromodichloromethane	75-27-4	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Bromoform	75-25-2	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Bromomethane	74-83-9	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Carbon disulfide	75-15-0	BRL	0.0201	mg/kg	03.28.14 15.16	U	1
Carbon tetrachloride	56-23-5	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Chlorobenzene	108-90-7	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Chloroethane	75-00-3	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Chloroform	67-66-3	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Chloromethane	74-87-3	BRL	0.0100	mg/kg	03.28.14 15.16	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Cyclohexane	110-82-7	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Dibromochloromethane	124-48-1	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Ethylbenzene	100-41-4	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Isopropylbenzene	98-82-8	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
m,p-Xylenes	179601-23-1	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Methyl acetate	79-20-9	BRL	0.00502	mg/kg	03.28.14 15.16	U	1

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Sample Id:	**SD-13A**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-013	Date Collected:	03.27.14 10.05	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	15.08
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Methylcyclohexane	108-87-2	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Methylene chloride	75-09-2	BRL	0.0201	mg/kg	03.28.14 15.16	U	1
o-Xylene	95-47-6	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Styrene	100-42-5	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Tetrachloroethene	127-18-4	**0.136**	0.00502	mg/kg	03.28.14 15.16		1
Toluene	108-88-3	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Trichloroethene	79-01-6	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00502	mg/kg	03.28.14 15.16	U	1
Vinyl chloride	75-01-4	BRL	0.00502	mg/kg	03.28.14 15.16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	87	%	50-150	03.28.14 15.16	
4-Bromofluorobenzene	460-00-4	101	%	57-158	03.28.14 15.16	
Toluene-D8	2037-26-5	95	%	50-150	03.28.14 15.16	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-13B**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-014	Date Collected:	03.27.14 10.11	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	15.21
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0532	mg/kg	03.28.14 15.41	U	1
2-Hexanone	591-78-6	BRL	0.0532	mg/kg	03.28.14 15.41	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0532	mg/kg	03.28.14 15.41	U	1
Acetone	67-64-1	BRL	0.0532	mg/kg	03.28.14 15.41	U	1
Benzene	71-43-2	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Bromochloromethane	74-97-5	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Bromodichloromethane	75-27-4	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Bromoform	75-25-2	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Bromomethane	74-83-9	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Carbon disulfide	75-15-0	BRL	0.0213	mg/kg	03.28.14 15.41	U	1
Carbon tetrachloride	56-23-5	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Chlorobenzene	108-90-7	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Chloroethane	75-00-3	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Chloroform	67-66-3	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Chloromethane	74-87-3	BRL	0.0106	mg/kg	03.28.14 15.41	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Cyclohexane	110-82-7	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Dibromochloromethane	124-48-1	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Ethylbenzene	100-41-4	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Isopropylbenzene	98-82-8	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
m,p-Xylenes	179601-23-1	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Methyl acetate	79-20-9	BRL	0.00532	mg/kg	03.28.14 15.41	U	1

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Sample Id:	**SD-13B**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-014	Date Collected:	03.27.14 10.11	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	15.21
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Methylcyclohexane	108-87-2	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Methylene chloride	75-09-2	BRL	0.0213	mg/kg	03.28.14 15.41	U	1
o-Xylene	95-47-6	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Styrene	100-42-5	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Tetrachloroethene	127-18-4	**0.0344**	0.00532	mg/kg	03.28.14 15.41		1
Toluene	108-88-3	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Trichloroethene	79-01-6	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00532	mg/kg	03.28.14 15.41	U	1
Vinyl chloride	75-01-4	BRL	0.00532	mg/kg	03.28.14 15.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	84	%	50-150	03.28.14 15.41	
4-Bromofluorobenzene	460-00-4	100	%	57-158	03.28.14 15.41	
Toluene-D8	2037-26-5	96	%	50-150	03.28.14 15.41	

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Sample Id:	**SD-13C**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-015	Date Collected:	03.27.14 10.17	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	22.22
Analyst:	MWE	Date Prep:	03.29.14 15.04	Basis:	Dry Weight
Seq Number:	937390				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0527	mg/kg	03.29.14 19.23	U	1
2-Hexanone	591-78-6	BRL	0.0527	mg/kg	03.29.14 19.23	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0527	mg/kg	03.29.14 19.23	U	1
Acetone	67-64-1	BRL	0.0527	mg/kg	03.29.14 19.23	U	1
Benzene	71-43-2	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Bromochloromethane	74-97-5	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Bromodichloromethane	75-27-4	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Bromoform	75-25-2	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Bromomethane	74-83-9	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Carbon disulfide	75-15-0	BRL	0.0211	mg/kg	03.29.14 19.23	U	1
Carbon tetrachloride	56-23-5	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Chlorobenzene	108-90-7	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Chloroethane	75-00-3	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Chloroform	67-66-3	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Chloromethane	74-87-3	BRL	0.0105	mg/kg	03.29.14 19.23	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Cyclohexane	110-82-7	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Dibromochloromethane	124-48-1	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Ethylbenzene	100-41-4	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Isopropylbenzene	98-82-8	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
m,p-Xylenes	179601-23-1	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Methyl acetate	79-20-9	BRL	0.00527	mg/kg	03.29.14 19.23	U	1

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Sample Id:	**SD-13C**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-015	Date Collected:	03.27.14 10.17	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	22.22
Analyst:	MWE	Date Prep:	03.29.14 15.04	Basis:	Dry Weight
Seq Number:	937390				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Methylcyclohexane	108-87-2	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Methylene chloride	75-09-2	BRL	0.0211	mg/kg	03.29.14 19.23	U	1
o-Xylene	95-47-6	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Styrene	100-42-5	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Tetrachloroethene	127-18-4	**0.686**	0.341	mg/kg	04.02.14 17.36	D	50
Toluene	108-88-3	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Trichloroethene	79-01-6	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00527	mg/kg	03.29.14 19.23	U	1
Vinyl chloride	75-01-4	BRL	0.00527	mg/kg	03.29.14 19.23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	95	%	50-150	03.29.14 19.23	
4-Bromofluorobenzene	460-00-4	101	%	57-158	03.29.14 19.23	
Toluene-D8	2037-26-5	97	%	50-150	03.29.14 19.23	

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Imperial Cleaners

Sample Id:	**SD-14A**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-016	Date Collected:	03.27.14 10.33	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	21.76
Analyst:	MWE	Date Prep:	03.29.14 15.04	Basis:	Dry Weight
Seq Number:	937390				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0515	mg/kg	03.29.14 18.57	U	1
2-Hexanone	591-78-6	BRL	0.0515	mg/kg	03.29.14 18.57	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0515	mg/kg	03.29.14 18.57	U	1
Acetone	67-64-1	BRL	0.0515	mg/kg	03.29.14 18.57	U	1
Benzene	71-43-2	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Bromochloromethane	74-97-5	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Bromodichloromethane	75-27-4	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Bromoform	75-25-2	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Bromomethane	74-83-9	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Carbon disulfide	75-15-0	BRL	0.0206	mg/kg	03.29.14 18.57	U	1
Carbon tetrachloride	56-23-5	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Chlorobenzene	108-90-7	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Chloroethane	75-00-3	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Chloroform	67-66-3	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Chloromethane	74-87-3	BRL	0.0103	mg/kg	03.29.14 18.57	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Cyclohexane	110-82-7	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Dibromochloromethane	124-48-1	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Ethylbenzene	100-41-4	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Isopropylbenzene	98-82-8	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
m,p-Xylenes	179601-23-1	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Methyl acetate	79-20-9	BRL	0.00515	mg/kg	03.29.14 18.57	U	1

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Imperial Cleaners

Sample Id:	**SD-14A**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-016	Date Collected:	03.27.14 10.33	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	21.76
Analyst:	MWE	Date Prep:	03.29.14 15.04	Basis:	Dry Weight
Seq Number:	937390				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Methylcyclohexane	108-87-2	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Methylene chloride	75-09-2	BRL	0.0206	mg/kg	03.29.14 18.57	U	1
o-Xylene	95-47-6	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Styrene	100-42-5	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Tetrachloroethene	127-18-4	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Toluene	108-88-3	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Trichloroethene	79-01-6	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00515	mg/kg	03.29.14 18.57	U	1
Vinyl chloride	75-01-4	BRL	0.00515	mg/kg	03.29.14 18.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	92	%	50-150	03.29.14 18.57	
4-Bromofluorobenzene	460-00-4	97	%	57-158	03.29.14 18.57	
Toluene-D8	2037-26-5	96	%	50-150	03.29.14 18.57	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-14B**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-017	Date Collected:	03.27.14 10.39	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	23.2
Analyst:	MWE	Date Prep:	03.29.14 15.04	Basis:	Dry Weight
Seq Number:	937390				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0499	mg/kg	03.29.14 18.31	U	1
2-Hexanone	591-78-6	BRL	0.0499	mg/kg	03.29.14 18.31	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0499	mg/kg	03.29.14 18.31	U	1
Acetone	67-64-1	BRL	0.0499	mg/kg	03.29.14 18.31	U	1
Benzene	71-43-2	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Bromochloromethane	74-97-5	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Bromodichloromethane	75-27-4	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Bromoform	75-25-2	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Bromomethane	74-83-9	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Carbon disulfide	75-15-0	BRL	0.0200	mg/kg	03.29.14 18.31	U	1
Carbon tetrachloride	56-23-5	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Chlorobenzene	108-90-7	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Chloroethane	75-00-3	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Chloroform	67-66-3	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Chloromethane	74-87-3	BRL	0.00999	mg/kg	03.29.14 18.31	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Cyclohexane	110-82-7	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Dibromochloromethane	124-48-1	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Ethylbenzene	100-41-4	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Isopropylbenzene	98-82-8	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
m,p-Xylenes	179601-23-1	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Methyl acetate	79-20-9	BRL	0.00499	mg/kg	03.29.14 18.31	U	1

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Imperial Cleaners

Sample Id:	**SD-14B**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-017	Date Collected:	03.27.14 10.39	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	23.2
Analyst:	MWE	Date Prep:	03.29.14 15.04	Basis:	Dry Weight
Seq Number:	937390				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Methylcyclohexane	108-87-2	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Methylene chloride	75-09-2	BRL	0.0200	mg/kg	03.29.14 18.31	U	1
o-Xylene	95-47-6	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Styrene	100-42-5	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Tetrachloroethene	127-18-4	**0.0303**	0.00499	mg/kg	03.29.14 18.31		1
Toluene	108-88-3	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Trichloroethene	79-01-6	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00499	mg/kg	03.29.14 18.31	U	1
Vinyl chloride	75-01-4	BRL	0.00499	mg/kg	03.29.14 18.31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	87	%	50-150	03.29.14 18.31	
4-Bromofluorobenzene	460-00-4	99	%	57-158	03.29.14 18.31	
Toluene-D8	2037-26-5	96	%	50-150	03.29.14 18.31	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-14C**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-018	Date Collected:	03.27.14 10.44	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	26.46
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0634	mg/kg	03.28.14 17.23	U	1
2-Hexanone	591-78-6	BRL	0.0634	mg/kg	03.28.14 17.23	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0634	mg/kg	03.28.14 17.23	U	1
Acetone	67-64-1	BRL	0.0634	mg/kg	03.28.14 17.23	U	1
Benzene	71-43-2	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Bromochloromethane	74-97-5	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Bromodichloromethane	75-27-4	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Bromoform	75-25-2	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Bromomethane	74-83-9	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Carbon disulfide	75-15-0	BRL	0.0254	mg/kg	03.28.14 17.23	U	1
Carbon tetrachloride	56-23-5	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Chlorobenzene	108-90-7	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Chloroethane	75-00-3	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Chloroform	67-66-3	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Chloromethane	74-87-3	BRL	0.0127	mg/kg	03.28.14 17.23	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Cyclohexane	110-82-7	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Dibromochloromethane	124-48-1	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Ethylbenzene	100-41-4	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Isopropylbenzene	98-82-8	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
m,p-Xylenes	179601-23-1	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Methyl acetate	79-20-9	BRL	0.00634	mg/kg	03.28.14 17.23	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-14C**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-018	Date Collected:	03.27.14 10.44	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	26.46
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Methylcyclohexane	108-87-2	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Methylene chloride	75-09-2	BRL	0.0254	mg/kg	03.28.14 17.23	U	1
o-Xylene	95-47-6	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Styrene	100-42-5	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Tetrachloroethene	127-18-4	**1.34**	0.337	mg/kg	03.29.14 20.16	D	50
Toluene	108-88-3	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Trichloroethene	79-01-6	**0.0956**	0.00634	mg/kg	03.28.14 17.23		1
Trichlorofluoromethane	75-69-4	BRL	0.00634	mg/kg	03.28.14 17.23	U	1
Vinyl chloride	75-01-4	BRL	0.00634	mg/kg	03.28.14 17.23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	81	%	50-150	03.28.14 17.23	
4-Bromofluorobenzene	460-00-4	100	%	57-158	03.28.14 17.23	
Toluene-D8	2037-26-5	97	%	50-150	03.28.14 17.23	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-15A**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-019	Date Collected:	03.27.14 10.54	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	16.83
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0707	mg/kg	03.28.14 16.57	U	1
2-Hexanone	591-78-6	BRL	0.0707	mg/kg	03.28.14 16.57	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0707	mg/kg	03.28.14 16.57	U	1
Acetone	67-64-1	BRL	0.0707	mg/kg	03.28.14 16.57	U	1
Benzene	71-43-2	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Bromochloromethane	74-97-5	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Bromodichloromethane	75-27-4	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Bromoform	75-25-2	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Bromomethane	74-83-9	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Carbon disulfide	75-15-0	BRL	0.0283	mg/kg	03.28.14 16.57	U	1
Carbon tetrachloride	56-23-5	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Chlorobenzene	108-90-7	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Chloroethane	75-00-3	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Chloroform	67-66-3	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Chloromethane	74-87-3	BRL	0.0141	mg/kg	03.28.14 16.57	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Cyclohexane	110-82-7	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Dibromochloromethane	124-48-1	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Ethylbenzene	100-41-4	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Isopropylbenzene	98-82-8	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
m,p-Xylenes	179601-23-1	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Methyl acetate	79-20-9	BRL	0.00707	mg/kg	03.28.14 16.57	U	1

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-15A**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-019	Date Collected:	03.27.14 10.54	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	16.83
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Methylcyclohexane	108-87-2	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Methylene chloride	75-09-2	BRL	0.0283	mg/kg	03.28.14 16.57	U	1
o-Xylene	95-47-6	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Styrene	100-42-5	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Tetrachloroethene	127-18-4	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Toluene	108-88-3	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Trichloroethene	79-01-6	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00707	mg/kg	03.28.14 16.57	U	1
Vinyl chloride	75-01-4	BRL	0.00707	mg/kg	03.28.14 16.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	86	%	50-150	03.28.14 16.57	
4-Bromofluorobenzene	460-00-4	106	%	57-158	03.28.14 16.57	
Toluene-D8	2037-26-5	97	%	50-150	03.28.14 16.57	

Certificate of Analytical Results 482163

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-15B**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-020	Date Collected:	03.27.14 11.04	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	19.51
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0503	mg/kg	03.28.14 16.32	U	1
2-Hexanone	591-78-6	BRL	0.0503	mg/kg	03.28.14 16.32	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0503	mg/kg	03.28.14 16.32	U	1
Acetone	67-64-1	BRL	0.0503	mg/kg	03.28.14 16.32	U	1
Benzene	71-43-2	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Bromochloromethane	74-97-5	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Bromodichloromethane	75-27-4	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Bromoform	75-25-2	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Bromomethane	74-83-9	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Carbon disulfide	75-15-0	BRL	0.0201	mg/kg	03.28.14 16.32	U	1
Carbon tetrachloride	56-23-5	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Chlorobenzene	108-90-7	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Chloroethane	75-00-3	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Chloroform	67-66-3	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Chloromethane	74-87-3	BRL	0.0101	mg/kg	03.28.14 16.32	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Cyclohexane	110-82-7	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Dibromochloromethane	124-48-1	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Ethylbenzene	100-41-4	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Isopropylbenzene	98-82-8	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
m,p-Xylenes	179601-23-1	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Methyl acetate	79-20-9	BRL	0.00503	mg/kg	03.28.14 16.32	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-15B**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-020	Date Collected:	03.27.14 11.04	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	19.51
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Methylcyclohexane	108-87-2	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Methylene chloride	75-09-2	BRL	0.0201	mg/kg	03.28.14 16.32	U	1
o-Xylene	95-47-6	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Styrene	100-42-5	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Tetrachloroethene	127-18-4	**0.0188**	0.00503	mg/kg	03.28.14 16.32		1
Toluene	108-88-3	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Trichloroethene	79-01-6	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00503	mg/kg	03.28.14 16.32	U	1
Vinyl chloride	75-01-4	BRL	0.00503	mg/kg	03.28.14 16.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	91	%	50-150	03.28.14 16.32	
4-Bromofluorobenzene	460-00-4	100	%	57-158	03.28.14 16.32	
Toluene-D8	2037-26-5	95	%	50-150	03.28.14 16.32	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-15C**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-021	Date Collected:	03.27.14 11.09	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	20.68
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0611	mg/kg	03.28.14 16.07	U	1
2-Hexanone	591-78-6	BRL	0.0611	mg/kg	03.28.14 16.07	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0611	mg/kg	03.28.14 16.07	U	1
Acetone	67-64-1	**0.110**	0.0611	mg/kg	03.28.14 16.07		1
Benzene	71-43-2	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Bromochloromethane	74-97-5	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Bromodichloromethane	75-27-4	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Bromoform	75-25-2	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Bromomethane	74-83-9	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Carbon disulfide	75-15-0	BRL	0.0244	mg/kg	03.28.14 16.07	U	1
Carbon tetrachloride	56-23-5	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Chlorobenzene	108-90-7	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Chloroethane	75-00-3	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Chloroform	67-66-3	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Chloromethane	74-87-3	BRL	0.0122	mg/kg	03.28.14 16.07	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Cyclohexane	110-82-7	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Dibromochloromethane	124-48-1	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Ethylbenzene	100-41-4	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Isopropylbenzene	98-82-8	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
m,p-Xylenes	179601-23-1	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Methyl acetate	79-20-9	BRL	0.00611	mg/kg	03.28.14 16.07	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-15C**	Matrix:	Soil	Date Received:	03.27.14 13.41
Lab Sample Id:	482163-021	Date Collected:	03.27.14 11.09	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	20.68
Analyst:	MLA	Date Prep:	03.28.14 06.53	Basis:	Dry Weight
Seq Number:	937371				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Methylcyclohexane	108-87-2	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Methylene chloride	75-09-2	BRL	0.0244	mg/kg	03.28.14 16.07	U	1
o-Xylene	95-47-6	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Styrene	100-42-5	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Tetrachloroethene	127-18-4	**0.0130**	0.00611	mg/kg	03.28.14 16.07		1
Toluene	108-88-3	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Trichloroethene	79-01-6	**0.0566**	0.00611	mg/kg	03.28.14 16.07		1
Trichlorofluoromethane	75-69-4	BRL	0.00611	mg/kg	03.28.14 16.07	U	1
Vinyl chloride	75-01-4	BRL	0.00611	mg/kg	03.28.14 16.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	87	%	50-150	03.28.14 16.07	
4-Bromofluorobenzene	460-00-4	100	%	57-158	03.28.14 16.07	
Toluene-D8	2037-26-5	98	%	50-150	03.28.14 16.07	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **Percent Moisture**
Seq Number: 937502 Matrix: Soil
Parent Sample Id: 482163-002 MD Sample Id: 482163-002 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	15.6	15.2	3	20	%	03.31.14 17:30	

Analytical Method: **Percent Moisture**
Seq Number: 937502 Matrix: Soil
Parent Sample Id: 482163-018 MD Sample Id: 482163-018 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	26.5	21.6	20	20	%	03.31.14 17:30	

QC Summary 482163

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 937371 Matrix: Solid Date Prep: 03.28.14

MB Sample Id: 653206-1-BLK LCS Sample Id: 653206-1-BKS LCSD Sample Id: 653206-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000753	0.0500	0.0469	94	0.0504	101	61-140	7	20	mg/kg	03.28.14 08:05	
1,1,2,2-Tetrachloroethane	<0.00119	0.0500	0.0527	105	0.0499	100	68-124	5	20	mg/kg	03.28.14 08:05	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00111	0.0500	0.0538	108	0.0579	116	72-135	7	20	mg/kg	03.28.14 08:05	
1,1,2-Trichloroethane	<0.000670	0.0500	0.0483	97	0.0490	98	79-117	1	20	mg/kg	03.28.14 08:05	
1,1-Dichloroethane	<0.000802	0.0500	0.0450	90	0.0471	94	72-125	5	20	mg/kg	03.28.14 08:05	
1,1-Dichloroethene	<0.00116	0.0500	0.0500	100	0.0533	107	78-126	6	20	mg/kg	03.28.14 08:05	
1,2,3-Trichlorobenzene	<0.000574	0.0500	0.0510	102	0.0482	96	75-135	6	20	mg/kg	03.28.14 08:05	
1,2,4-Trichlorobenzene	<0.000873	0.0500	0.0524	105	0.0530	106	73-136	1	20	mg/kg	03.28.14 08:05	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00162	0.0500	0.0437	87	0.0413	83	49-121	6	20	mg/kg	03.28.14 08:05	
1,2-Dibromoethane (EDB)	<0.000863	0.0500	0.0493	99	0.0519	104	81-118	5	20	mg/kg	03.28.14 08:05	
1,2-Dichlorobenzene	<0.00129	0.0500	0.0499	100	0.0501	100	80-124	0	20	mg/kg	03.28.14 08:05	
1,2-Dichloroethane	<0.000597	0.0500	0.0423	85	0.0423	85	59-131	0	20	mg/kg	03.28.14 08:05	
1,2-Dichloropropane	<0.000929	0.0500	0.0435	87	0.0437	87	81-122	0	20	mg/kg	03.28.14 08:05	
1,3-Dichlorobenzene	<0.000997	0.0500	0.0507	101	0.0521	104	83-125	3	20	mg/kg	03.28.14 08:05	
1,4-Dichlorobenzene	<0.000684	0.0500	0.0500	100	0.0504	101	83-118	1	20	mg/kg	03.28.14 08:05	
2-Butanone (MEK)	<0.00228	0.100	0.0803	80	0.0791	79	61-127	2	20	mg/kg	03.28.14 08:05	
2-Hexanone	<0.00113	0.100	0.0855	86	0.0833	83	61-138	3	20	mg/kg	03.28.14 08:05	
4-Methyl-2-pentanone (MIBK)	<0.00323	0.100	0.0857	86	0.0810	81	65-125	6	20	mg/kg	03.28.14 08:05	
Acetone	<0.00688	0.100	0.0807	81	0.0825	83	60-130	2	20	mg/kg	03.28.14 08:05	
Benzene	<0.000513	0.0500	0.0499	100	0.0518	104	79-122	4	20	mg/kg	03.28.14 08:05	
Bromochloromethane	<0.00101	0.0500	0.0523	105	0.0520	104	73-120	1	20	mg/kg	03.28.14 08:05	
Bromodichloromethane	<0.000501	0.0500	0.0424	85	0.0426	85	76-126	0	20	mg/kg	03.28.14 08:05	
Bromoform	<0.000959	0.0500	0.0442	88	0.0434	87	56-125	2	20	mg/kg	03.28.14 08:05	
Bromomethane	<0.00246	0.0500	0.0470	94	0.0508	102	61-137	8	20	mg/kg	03.28.14 08:05	
Carbon disulfide	<0.00146	0.0500	0.0519	104	0.0549	110	79-139	6	20	mg/kg	03.28.14 08:05	
Carbon tetrachloride	<0.000742	0.0500	0.0502	100	0.0556	111	60-142	10	20	mg/kg	03.28.14 08:05	
Chlorobenzene	<0.000579	0.0500	0.0526	105	0.0544	109	86-115	3	20	mg/kg	03.28.14 08:05	
Chloroethane	<0.00245	0.0500	0.0459	92	0.0493	99	57-148	7	20	mg/kg	03.28.14 08:05	
Chloroform	<0.000741	0.0500	0.0452	90	0.0462	92	71-120	2	20	mg/kg	03.28.14 08:05	
Chloromethane	<0.00230	0.0500	0.0368	74	0.0387	77	49-147	5	20	mg/kg	03.28.14 08:05	
cis-1,2-Dichloroethene	<0.000662	0.0500	0.0477	95	0.0530	106	78-121	11	20	mg/kg	03.28.14 08:05	
cis-1,3-Dichloropropene	<0.000539	0.0500	0.0528	106	0.0536	107	80-123	2	20	mg/kg	03.28.14 08:05	
Cyclohexane	<0.000945	0.0500	0.0475	95	0.0521	104	76-134	9	20	mg/kg	03.28.14 08:05	
Dibromochloromethane	<0.000994	0.0500	0.0442	88	0.0435	87	74-118	2	20	mg/kg	03.28.14 08:05	
Dichlorodifluoromethane	<0.00118	0.0500	0.0410	82	0.0431	86	34-145	5	20	mg/kg	03.28.14 08:05	
Ethylbenzene	<0.000565	0.0500	0.0522	104	0.0548	110	83-133	5	20	mg/kg	03.28.14 08:05	
Isopropylbenzene	<0.000759	0.0500	0.0577	115	0.0602	120	64-140	4	20	mg/kg	03.28.14 08:05	
m,p-Xylenes	<0.00121	0.100	0.113	113	0.121	121	82-133	7	20	mg/kg	03.28.14 08:05	
Methyl acetate	<0.000946	0.0500	0.0454	91	0.0392	78	62-121	15	20	mg/kg	03.28.14 08:05	
Methyl tert-butyl ether	<0.000693	0.100	0.0984	98	0.0924	92	68-125	6	20	mg/kg	03.28.14 08:05	
Methylcyclohexane	<0.00109	0.0500	0.0618	124	0.0691	138	73-141	11	20	mg/kg	03.28.14 08:05	
Methylene chloride	<0.00217	0.0500	0.0511	102	0.0436	87	67-136	16	20	mg/kg	03.28.14 08:05	
o-Xylene	<0.000716	0.0500	0.0556	111	0.0587	117	79-133	5	20	mg/kg	03.28.14 08:05	
Styrene	<0.000742	0.0500	0.0573	115	0.0583	117	82-128	2	20	mg/kg	03.28.14 08:05	
Tetrachloroethene	<0.00104	0.0500	0.0510	102	0.0544	109	72-140	6	20	mg/kg	03.28.14 08:05	
Toluene	<0.000588	0.0500	0.0530	106	0.0561	112	85-120	6	20	mg/kg	03.28.14 08:05	
trans-1,2-Dichloroethene	<0.000780	0.0500	0.0523	105	0.0528	106	76-126	1	20	mg/kg	03.28.14 08:05	
trans-1,3-Dichloropropene	<0.000670	0.0500	0.0500	100	0.0512	102	78-115	2	20	mg/kg	03.28.14 08:05	
Trichloroethene	<0.000707	0.0500	0.0595	119	0.0578	116	71-128	3	20	mg/kg	03.28.14 08:05	
Trichlorofluoromethane	<0.00351	0.0500	0.0464	93	0.0498	100	51-154	7	20	mg/kg	03.28.14 08:05	
Vinyl chloride	<0.00201	0.0500	0.0456	91	0.0489	98	67-138	7	20	mg/kg	03.28.14 08:05	

QC Summary 482163

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 937371 Matrix: Solid Date Prep: 03.28.14

MB Sample Id: 653206-1-BLK LCS Sample Id: 653206-1-BKS LCSD Sample Id: 653206-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	84		90		85		50-150	%	03.28.14 08:05
4-Bromofluorobenzene	99		97		96		57-158	%	03.28.14 08:05
Toluene-D8	95		99		96		50-150	%	03.28.14 08:05

QC Summary 482163

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 937390 Matrix: Solid Date Prep: 03.29.14

MB Sample Id: 653221-1-BLK LCS Sample Id: 653221-1-BKS LCSD Sample Id: 653221-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000753	0.0500	0.0487	97	0.0488	98	61-140	0	20	mg/kg	03.29.14 21:07	
1,1,2,2-Tetrachloroethane	<0.00119	0.0500	0.0599	120	0.0566	113	68-124	6	20	mg/kg	03.29.14 21:07	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00111	0.0500	0.0495	99	0.0533	107	72-135	7	20	mg/kg	03.29.14 21:07	
1,1,2-Trichloroethane	<0.000670	0.0500	0.0563	113	0.0523	105	79-117	7	20	mg/kg	03.29.14 21:07	
1,1-Dichloroethane	<0.000802	0.0500	0.0553	111	0.0483	97	72-125	14	20	mg/kg	03.29.14 21:07	
1,1-Dichloroethene	<0.00116	0.0500	0.0477	95	0.0485	97	78-126	2	20	mg/kg	03.29.14 21:07	
1,2,3-Trichlorobenzene	<0.000574	0.0500	0.0542	108	0.0497	99	75-135	9	20	mg/kg	03.29.14 21:07	
1,2,4-Trichlorobenzene	<0.000873	0.0500	0.0535	107	0.0527	105	73-136	2	20	mg/kg	03.29.14 21:07	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00162	0.0500	0.0477	95	0.0447	89	49-121	6	20	mg/kg	03.29.14 21:07	
1,2-Dibromoethane (EDB)	<0.000863	0.0500	0.0588	118	0.0520	104	81-118	12	20	mg/kg	03.29.14 21:07	
1,2-Dichlorobenzene	<0.00129	0.0500	0.0563	113	0.0518	104	80-124	8	20	mg/kg	03.29.14 21:07	
1,2-Dichloroethane	<0.000597	0.0500	0.0483	97	0.0412	82	59-131	16	20	mg/kg	03.29.14 21:07	
1,2-Dichloropropane	<0.000929	0.0500	0.0537	107	0.0473	95	81-122	13	20	mg/kg	03.29.14 21:07	
1,3-Dichlorobenzene	<0.000997	0.0500	0.0558	112	0.0536	107	83-125	4	20	mg/kg	03.29.14 21:07	
1,4-Dichlorobenzene	<0.000684	0.0500	0.0547	109	0.0525	105	83-118	4	20	mg/kg	03.29.14 21:07	
2-Butanone (MEK)	<0.00228	0.100	0.0943	94	0.0936	94	61-127	1	20	mg/kg	03.29.14 21:07	
2-Hexanone	<0.00113	0.100	0.0946	95	0.0798	80	61-138	17	20	mg/kg	03.29.14 21:07	
4-Methyl-2-pentanone (MIBK)	<0.00323	0.100	0.106	106	0.0867	87	65-125	20	20	mg/kg	03.29.14 21:07	
Acetone	<0.00688	0.100	0.108	108	0.101	101	60-130	7	20	mg/kg	03.29.14 21:07	
Benzene	<0.000513	0.0500	0.0604	121	0.0546	109	79-122	10	20	mg/kg	03.29.14 21:07	
Bromochloromethane	<0.00101	0.0500	0.0578	116	0.0484	97	73-120	18	20	mg/kg	03.29.14 21:07	
Bromodichloromethane	<0.000501	0.0500	0.0495	99	0.0429	86	76-126	14	20	mg/kg	03.29.14 21:07	
Bromoform	<0.000959	0.0500	0.0480	96	0.0436	87	56-125	10	20	mg/kg	03.29.14 21:07	
Bromomethane	<0.00246	0.0500	0.0457	91	0.0461	92	61-137	1	20	mg/kg	03.29.14 21:07	
Carbon disulfide	<0.00146	0.0500	0.0472	94	0.0499	100	79-139	6	20	mg/kg	03.29.14 21:07	
Carbon tetrachloride	<0.000742	0.0500	0.0485	97	0.0515	103	60-142	6	20	mg/kg	03.29.14 21:07	
Chlorobenzene	<0.000579	0.0500	0.0535	107	0.0551	110	86-115	3	20	mg/kg	03.29.14 21:07	
Chloroethane	<0.00245	0.0500	0.0394	79	0.0455	91	57-148	14	20	mg/kg	03.29.14 21:07	
Chloroform	<0.000741	0.0500	0.0534	107	0.0467	93	71-120	13	20	mg/kg	03.29.14 21:07	
Chloromethane	<0.00230	0.0500	0.0415	83	0.0398	80	49-147	4	20	mg/kg	03.29.14 21:07	
cis-1,2-Dichloroethene	<0.000662	0.0500	0.0601	120	0.0538	108	78-121	11	20	mg/kg	03.29.14 21:07	
cis-1,3-Dichloropropene	<0.000539	0.0500	0.0592	118	0.0546	109	80-123	8	20	mg/kg	03.29.14 21:07	
Cyclohexane	<0.000945	0.0500	0.0485	97	0.0495	99	76-134	2	20	mg/kg	03.29.14 21:07	
Dibromochloromethane	<0.000994	0.0500	0.0502	100	0.0427	85	74-118	16	20	mg/kg	03.29.14 21:07	
Dichlorodifluoromethane	<0.00118	0.0500	0.0300	60	0.0316	63	34-145	5	20	mg/kg	03.29.14 21:07	
Ethylbenzene	<0.000565	0.0500	0.0593	119	0.0559	112	83-133	6	20	mg/kg	03.29.14 21:07	
Isopropylbenzene	<0.000759	0.0500	0.0625	125	0.0637	127	64-140	2	20	mg/kg	03.29.14 21:07	
m,p-Xylenes	<0.00121	0.100	0.126	126	0.119	119	82-133	6	20	mg/kg	03.29.14 21:07	
Methyl acetate	<0.000946	0.0500	0.0434	87	0.0401	80	62-121	8	20	mg/kg	03.29.14 21:07	
Methyl tert-butyl ether	<0.000693	0.100	0.0947	95	0.0832	83	68-125	13	20	mg/kg	03.29.14 21:07	
Methylcyclohexane	<0.00109	0.0500	0.0647	129	0.0670	134	73-141	3	20	mg/kg	03.29.14 21:07	
Methylene chloride	<0.00217	0.0500	0.0506	101	0.0459	92	67-136	10	20	mg/kg	03.29.14 21:07	
o-Xylene	<0.000716	0.0500	0.0636	127	0.0566	113	79-133	12	20	mg/kg	03.29.14 21:07	
Styrene	<0.000742	0.0500	0.0596	119	0.0587	117	82-128	2	20	mg/kg	03.29.14 21:07	
Tetrachloroethene	<0.00104	0.0500	0.0499	100	0.0499	100	72-140	0	20	mg/kg	03.29.14 21:07	
Toluene	<0.000588	0.0500	0.0572	114	0.0574	115	85-120	0	20	mg/kg	03.29.14 21:07	
trans-1,2-Dichloroethene	<0.000780	0.0500	0.0491	98	0.0470	94	76-126	4	20	mg/kg	03.29.14 21:07	
trans-1,3-Dichloropropene	<0.000670	0.0500	0.0552	110	0.0502	100	78-115	9	20	mg/kg	03.29.14 21:07	
Trichloroethene	<0.000707	0.0500	0.0475	95	0.0537	107	71-128	12	20	mg/kg	03.29.14 21:07	
Trichlorofluoromethane	<0.00351	0.0500	0.0420	84	0.0474	95	51-154	12	20	mg/kg	03.29.14 21:07	
Vinyl chloride	<0.00201	0.0500	0.0431	86	0.0438	88	67-138	2	20	mg/kg	03.29.14 21:07	

QC Summary 482163

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: VOCs by SW-846 8260B — Prep Method: SW5035A
Seq Number: 937390 — Matrix: Solid — Date Prep: 03.29.14
MB Sample Id: 653221-1-BLK — LCS Sample Id: 653221-1-BKS — LCSD Sample Id: 653221-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	76		72		88		50-150	%	03.29.14 21:07
4-Bromofluorobenzene	103		96		102		57-158	%	03.29.14 21:07
Toluene-D8	97		97		99		50-150	%	03.29.14 21:07

Analytical Method: VOCs by SW-846 8260B — Prep Method: SW5035A
Seq Number: 937474 — Matrix: Solid — Date Prep: 03.29.14
MB Sample Id: 653278-1-BLK — LCS Sample Id: 653278-1-BKS — LCSD Sample Id: 653278-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethene	0.00433	0.0500	0.0558	112	0.0670	134	72-140	18	20	mg/kg	03.30.14 01:48	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	146		107		129		50-150	%	03.30.14 01:48
4-Bromofluorobenzene	94		93		90		57-158	%	03.30.14 01:48
Toluene-D8	102		97		96		50-150	%	03.30.14 01:48

Analytical Method: VOCs by SW-846 8260B — Prep Method: SW5035A
Seq Number: 937767 — Matrix: Solid — Date Prep: 04.02.14
MB Sample Id: 653459-1-BLK — LCS Sample Id: 653459-1-BKS — LCSD Sample Id: 653459-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethene	<0.00104	0.0500	0.0458	92	0.0462	92	72-140	1	20	mg/kg	04.02.14 12:28	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	101		95		95		50-150	%	04.02.14 12:28
4-Bromofluorobenzene	106		109		105		57-158	%	04.02.14 12:28
Toluene-D8	98		93		96		50-150	%	04.02.14 12:28

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 937371 Matrix: Soil Date Prep: 03.28.14

Parent Sample Id: 482163-002 MS Sample Id: 482163-002 S MSD Sample Id: 482163-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000888	0.0590	0.0489	83	0.0510	86	62-137	4	20	mg/kg	03.28.14 17:48	
1,1,2,2-Tetrachloroethane	<0.00140	0.0590	0.0721	122	0.0734	124	64-128	2	20	mg/kg	03.28.14 17:48	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00131	0.0590	0.0578	98	0.0562	95	33-177	3	20	mg/kg	03.28.14 17:48	
1,1,2-Trichloroethane	<0.000790	0.0590	0.0624	106	0.0608	103	61-130	3	20	mg/kg	03.28.14 17:48	
1,1-Dichloroethane	<0.000946	0.0590	0.0527	89	0.0513	87	65-136	3	20	mg/kg	03.28.14 17:48	
1,1-Dichloroethene	<0.00137	0.0590	0.0544	92	0.0530	90	33-158	3	20	mg/kg	03.28.14 17:48	
1,2,3-Trichlorobenzene	<0.000677	0.0590	0.0549	93	0.0489	83	48-135	12	20	mg/kg	03.28.14 17:48	
1,2,4-Trichlorobenzene	<0.00103	0.0590	0.0552	94	0.0503	85	43-139	9	20	mg/kg	03.28.14 17:48	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00191	0.0590	0.0560	95	0.0533	90	51-130	5	20	mg/kg	03.28.14 17:48	
1,2-Dibromoethane (EDB)	<0.00102	0.0590	0.0645	109	0.0646	109	69-132	0	20	mg/kg	03.28.14 17:48	
1,2-Dichlorobenzene	<0.00152	0.0590	0.0556	94	0.0552	93	71-120	1	20	mg/kg	03.28.14 17:48	
1,2-Dichloroethane	<0.000704	0.0590	0.0466	79	0.0490	83	53-140	5	20	mg/kg	03.28.14 17:48	
1,2-Dichloropropane	<0.00110	0.0590	0.0490	83	0.0510	86	68-126	4	20	mg/kg	03.28.14 17:48	
1,3-Dichlorobenzene	<0.00118	0.0590	0.0557	94	0.0565	96	68-127	1	20	mg/kg	03.28.14 17:48	
1,4-Dichlorobenzene	<0.000807	0.0590	0.0549	93	0.0549	93	72-118	0	20	mg/kg	03.28.14 17:48	
2-Butanone (MEK)	<0.00269	0.118	0.112	95	0.102	86	42-147	9	20	mg/kg	03.28.14 17:48	
2-Hexanone	<0.00133	0.118	0.114	97	0.115	97	32-142	1	20	mg/kg	03.28.14 17:48	
4-Methyl-2-pentanone (MIBK)	<0.00381	0.118	0.116	98	0.123	104	34-149	6	20	mg/kg	03.28.14 17:48	
Acetone	<0.00811	0.118	0.116	98	0.129	109	43-163	11	20	mg/kg	03.28.14 17:48	
Benzene	<0.000605	0.0590	0.0564	96	0.0586	99	65-135	4	20	mg/kg	03.28.14 17:48	
Bromochloromethane	<0.00119	0.0590	0.0586	99	0.0555	94	66-137	5	20	mg/kg	03.28.14 17:48	
Bromodichloromethane	<0.000591	0.0590	0.0464	79	0.0477	81	60-129	3	20	mg/kg	03.28.14 17:48	
Bromoform	<0.00113	0.0590	0.0506	86	0.0520	88	48-147	3	20	mg/kg	03.28.14 17:48	
Bromomethane	<0.00290	0.0590	0.0493	84	0.0511	86	42-170	4	20	mg/kg	03.28.14 17:48	
Carbon disulfide	<0.00172	0.0590	0.0503	85	0.0528	89	40-147	5	20	mg/kg	03.28.14 17:48	
Carbon tetrachloride	<0.000875	0.0590	0.0497	84	0.0494	84	71-117	1	20	mg/kg	03.28.14 17:48	
Chlorobenzene	<0.000683	0.0590	0.0582	99	0.0589	100	71-117	1	20	mg/kg	03.28.14 17:48	
Chloroethane	<0.00288	0.0590	0.0505	86	0.0513	87	44-166	2	20	mg/kg	03.28.14 17:48	
Chloroform	<0.000874	0.0590	0.0472	80	0.0526	89	62-127	11	20	mg/kg	03.28.14 17:48	
Chloromethane	<0.00272	0.0590	0.0498	84	0.0478	81	34-157	4	20	mg/kg	03.28.14 17:48	
cis-1,2-Dichloroethene	<0.000781	0.0590	0.0565	96	0.0542	92	41-155	4	20	mg/kg	03.28.14 17:48	
cis-1,3-Dichloropropene	<0.000636	0.0590	0.0571	97	0.0598	101	63-128	5	20	mg/kg	03.28.14 17:48	
Cyclohexane	<0.00111	0.0590	0.0521	88	0.0536	91	53-145	3	20	mg/kg	03.28.14 17:48	
Dibromochloromethane	<0.00117	0.0590	0.0483	82	0.0481	81	59-135	0	20	mg/kg	03.28.14 17:48	
Dichlorodifluoromethane	<0.00139	0.0590	0.0607	103	0.0566	96	16-171	7	20	mg/kg	03.28.14 17:48	
Ethylbenzene	<0.000666	0.0590	0.0582	99	0.0589	100	65-139	1	20	mg/kg	03.28.14 17:48	
Isopropylbenzene	<0.000895	0.0590	0.0635	108	0.0666	113	62-133	5	20	mg/kg	03.28.14 17:48	
m,p-Xylenes	<0.00143	0.118	0.123	104	0.125	106	69-130	2	20	mg/kg	03.28.14 17:48	
Methyl acetate	<0.00112	0.0590	0.0576	98	0.0571	97	20-170	1	20	mg/kg	03.28.14 17:48	
Methyl tert-butyl ether	<0.000817	0.118	0.107	91	0.102	86	48-169	5	20	mg/kg	03.28.14 17:48	
Methylcyclohexane	<0.00129	0.0590	0.0697	118	0.0703	119	57-149	1	20	mg/kg	03.28.14 17:48	
Methylene chloride	<0.00255	0.0590	0.0482	82	0.0465	79	17-184	4	20	mg/kg	03.28.14 17:48	
o-Xylene	<0.000844	0.0590	0.0597	101	0.0611	103	71-124	2	20	mg/kg	03.28.14 17:48	
Styrene	<0.000875	0.0590	0.0608	103	0.0613	104	50-143	1	20	mg/kg	03.28.14 17:48	
Tetrachloroethene	0.00242	0.0590	0.0581	94	0.0666	109	42-156	14	20	mg/kg	03.28.14 17:48	
Toluene	<0.000693	0.0590	0.0594	101	0.0606	103	13-188	2	20	mg/kg	03.28.14 17:48	
trans-1,2-Dichloroethene	<0.000920	0.0590	0.0528	89	0.0527	89	57-143	0	20	mg/kg	03.28.14 17:48	
trans-1,3-Dichloropropene	<0.000790	0.0590	0.0563	95	0.0565	96	55-141	0	20	mg/kg	03.28.14 17:48	
Trichloroethene	<0.000834	0.0590	0.0572	97	0.0571	97	39-150	0	20	mg/kg	03.28.14 17:48	
Trichlorofluoromethane	<0.00414	0.0590	0.0538	91	0.0522	88	34-179	3	20	mg/kg	03.28.14 17:48	
Vinyl chloride	<0.00237	0.0590	0.0525	89	0.0535	91	40-161	2	20	mg/kg	03.28.14 17:48	

QC Summary 482163

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 937371 Matrix: Soil Date Prep: 03.28.14

Parent Sample Id: 482163-002 MS Sample Id: 482163-002 S MSD Sample Id: 482163-002 SD

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	93		91		50-150	%	03.28.14 17:48
4-Bromofluorobenzene	97		100		57-158	%	03.28.14 17:48
Toluene-D8	96		100		50-150	%	03.28.14 17:48

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 937390 Matrix: Soil Date Prep: 03.29.14

Parent Sample Id: 482163-017 MS Sample Id: 482163-017 S MSD Sample Id: 482163-017 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000975	0.0647	0.0535	83	0.0533	83	62-137	0	20	mg/kg	03.29.14 21:33	
1,1,2,2-Tetrachloroethane	<0.00154	0.0647	0.0791	122	0.0732	114	64-128	8	20	mg/kg	03.29.14 21:33	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00144	0.0647	0.0527	81	0.0522	81	33-177	1	20	mg/kg	03.29.14 21:33	
1,1,2-Trichloroethane	<0.000867	0.0647	0.0706	109	0.0634	99	61-130	11	20	mg/kg	03.29.14 21:33	
1,1-Dichloroethane	<0.00104	0.0647	0.0582	90	0.0583	91	65-136	0	20	mg/kg	03.29.14 21:33	
1,1-Dichloroethene	<0.00150	0.0647	0.0527	81	0.0516	80	33-158	2	20	mg/kg	03.29.14 21:33	
1,2,3-Trichlorobenzene	<0.000743	0.0647	0.0626	97	0.0611	95	48-135	2	20	mg/kg	03.29.14 21:33	
1,2,4-Trichlorobenzene	<0.00113	0.0647	0.0582	90	0.0583	91	43-139	0	20	mg/kg	03.29.14 21:33	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00210	0.0647	0.0658	102	0.0567	88	51-130	15	20	mg/kg	03.29.14 21:33	
1,2-Dibromoethane (EDB)	<0.00112	0.0647	0.0674	104	0.0664	103	69-132	1	20	mg/kg	03.29.14 21:33	
1,2-Dichlorobenzene	<0.00167	0.0647	0.0630	97	0.0613	95	71-120	3	20	mg/kg	03.29.14 21:33	
1,2-Dichloroethane	<0.000773	0.0647	0.0538	83	0.0532	83	53-140	1	20	mg/kg	03.29.14 21:33	
1,2-Dichloropropane	<0.00120	0.0647	0.0602	93	0.0576	90	68-126	4	20	mg/kg	03.29.14 21:33	
1,3-Dichlorobenzene	<0.00129	0.0647	0.0623	96	0.0607	95	68-127	3	20	mg/kg	03.29.14 21:33	
1,4-Dichlorobenzene	<0.000885	0.0647	0.0607	94	0.0593	92	72-118	2	20	mg/kg	03.29.14 21:33	
2-Butanone (MEK)	<0.00295	0.129	0.111	86	0.103	80	42-147	7	20	mg/kg	03.29.14 21:33	
2-Hexanone	<0.00146	0.129	0.114	88	0.110	86	32-142	4	20	mg/kg	03.29.14 21:33	
4-Methyl-2-pentanone (MIBK)	<0.00418	0.129	0.128	99	0.115	90	34-149	11	20	mg/kg	03.29.14 21:33	
Acetone	<0.00890	0.129	0.124	96	0.136	106	43-163	9	20	mg/kg	03.29.14 21:33	
Benzene	<0.000664	0.0647	0.0669	103	0.0652	102	65-135	3	20	mg/kg	03.29.14 21:33	
Bromochloromethane	<0.00130	0.0647	0.0636	98	0.0625	97	66-137	2	20	mg/kg	03.29.14 21:33	
Bromodichloromethane	<0.000648	0.0647	0.0561	87	0.0544	85	60-129	3	20	mg/kg	03.29.14 21:33	
Bromoform	<0.00124	0.0647	0.0578	89	0.0539	84	48-147	7	20	mg/kg	03.29.14 21:33	
Bromomethane	<0.00318	0.0647	0.0491	76	0.0511	80	42-170	4	20	mg/kg	03.29.14 21:33	
Carbon disulfide	<0.00188	0.0647	0.0514	79	0.0498	78	40-147	3	20	mg/kg	03.29.14 21:33	
Carbon tetrachloride	<0.000960	0.0647	0.0550	85	0.0523	81	71-117	5	20	mg/kg	03.29.14 21:33	
Chlorobenzene	<0.000749	0.0647	0.0677	105	0.0656	102	71-117	3	20	mg/kg	03.29.14 21:33	
Chloroethane	<0.00316	0.0647	0.0425	66	0.0424	66	44-166	0	20	mg/kg	03.29.14 21:33	
Chloroform	<0.000959	0.0647	0.0581	90	0.0578	90	62-127	1	20	mg/kg	03.29.14 21:33	
Chloromethane	<0.00298	0.0647	0.0480	74	0.0501	78	34-157	4	20	mg/kg	03.29.14 21:33	
cis-1,2-Dichloroethene	<0.000857	0.0647	0.0591	91	0.0620	97	41-155	5	20	mg/kg	03.29.14 21:33	
cis-1,3-Dichloropropene	<0.000698	0.0647	0.0672	104	0.0648	101	63-128	4	20	mg/kg	03.29.14 21:33	
Cyclohexane	<0.00122	0.0647	0.0532	82	0.0524	82	53-145	2	20	mg/kg	03.29.14 21:33	
Dibromochloromethane	<0.00129	0.0647	0.0573	89	0.0546	85	59-135	5	20	mg/kg	03.29.14 21:33	
Dichlorodifluoromethane	<0.00153	0.0647	0.0329	51	0.0293	46	16-171	12	20	mg/kg	03.29.14 21:33	
Ethylbenzene	<0.000731	0.0647	0.0652	101	0.0639	100	65-139	2	20	mg/kg	03.29.14 21:33	
Isopropylbenzene	<0.000982	0.0647	0.0695	107	0.0693	108	62-133	0	20	mg/kg	03.29.14 21:33	
m,p-Xylenes	<0.00156	0.129	0.137	106	0.137	107	69-130	0	20	mg/kg	03.29.14 21:33	
Methyl acetate	<0.00122	0.0647	0.0530	82	0.0490	76	20-170	8	20	mg/kg	03.29.14 21:33	
Methyl tert-butyl ether	<0.000897	0.129	0.110	85	0.105	82	48-169	5	20	mg/kg	03.29.14 21:33	
Methylcyclohexane	<0.00141	0.0647	0.0723	112	0.0700	109	57-149	3	20	mg/kg	03.29.14 21:33	
Methylene chloride	<0.00280	0.0647	0.0549	85	0.0551	86	17-184	0	20	mg/kg	03.29.14 21:33	
o-Xylene	<0.000927	0.0647	0.0696	108	0.0676	105	71-124	3	20	mg/kg	03.29.14 21:33	
Styrene	<0.000960	0.0647	0.0717	111	0.0704	110	50-143	2	20	mg/kg	03.29.14 21:33	
Tetrachloroethene	0.0303	0.0647	0.0543	37	0.0545	38	42-156	0	20	mg/kg	03.29.14 21:33	X
Toluene	<0.000761	0.0647	0.0686	106	0.0666	104	13-188	3	20	mg/kg	03.29.14 21:33	
trans-1,2-Dichloroethene	<0.00101	0.0647	0.0521	81	0.0523	81	57-143	0	20	mg/kg	03.29.14 21:33	
trans-1,3-Dichloropropene	<0.000867	0.0647	0.0660	102	0.0615	96	55-141	7	20	mg/kg	03.29.14 21:33	
Trichloroethene	<0.000915	0.0647	0.0523	81	0.0500	78	39-150	4	20	mg/kg	03.29.14 21:33	
Trichlorofluoromethane	<0.00455	0.0647	0.0454	70	0.0450	70	34-179	1	20	mg/kg	03.29.14 21:33	
Vinyl chloride	<0.00260	0.0647	0.0470	73	0.0436	68	40-161	8	20	mg/kg	03.29.14 21:33	

QC Summary 482163

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 937390 Matrix: Soil Date Prep: 03.29.14

Parent Sample Id: 482163-017 MS Sample Id: 482163-017 S MSD Sample Id: 482163-017 SD

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	88		87		50-150	%	03.29.14 21:33
4-Bromofluorobenzene	99		97		57-158	%	03.29.14 21:33
Toluene-D8	101		99		50-150	%	03.29.14 21:33

QC Summary 482163

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 937493 Matrix: Water Date Prep: 03.31.14

MB Sample Id: 653288-1-BLK LCS Sample Id: 653288-1-BKS LCSD Sample Id: 653288-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.160	50.0	52.2	104	47.9	96	65-130	9	20	ug/L	03.31.14 11:24	
1,1,2,2-Tetrachloroethane	<0.180	50.0	52.6	105	50.9	102	65-130	3	20	ug/L	03.31.14 11:24	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.110	50.0	62.1	124	57.4	115	65-130	8	20	ug/L	03.31.14 11:24	
1,1,2-Trichloroethane	<0.250	50.0	57.6	115	53.4	107	75-125	8	20	ug/L	03.31.14 11:24	
1,1-Dichloroethane	<0.110	50.0	60.9	122	56.9	114	70-135	7	20	ug/L	03.31.14 11:24	
1,1-Dichloroethene	<0.200	50.0	53.6	107	50.0	100	70-130	7	20	ug/L	03.31.14 11:24	
1,2,3-Trichlorobenzene	<0.250	50.0	51.5	103	46.3	93	55-140	11	20	ug/L	03.31.14 11:24	
1,2,4-Trichlorobenzene	<0.170	50.0	53.6	107	48.7	97	65-135	10	20	ug/L	03.31.14 11:24	
1,2-Dibromo-3-chloropropane (DBCP)	<0.190	50.0	36.3	73	36.6	73	50-130	1	20	ug/L	03.31.14 11:24	
1,2-Dibromoethane (EDB)	<0.180	50.0	47.0	94	43.7	87	80-120	7	20	ug/L	03.31.14 11:24	
1,2-Dichlorobenzene	<0.140	50.0	48.3	97	44.5	89	70-120	8	20	ug/L	03.31.14 11:24	
1,2-Dichloroethane	<0.180	50.0	57.4	115	53.6	107	70-130	7	20	ug/L	03.31.14 11:24	
1,2-Dichloropropane	<0.150	50.0	58.5	117	56.3	113	75-125	4	20	ug/L	03.31.14 11:24	
1,3-Dichlorobenzene	<0.170	50.0	49.1	98	45.9	92	75-125	7	20	ug/L	03.31.14 11:24	
1,4-Dichlorobenzene	<0.170	50.0	48.3	97	44.0	88	75-125	9	20	ug/L	03.31.14 11:24	
1,4-Dioxane	<8.84	1000	946	95	842	84	30-145	12	20	ug/L	03.31.14 11:24	
2-Butanone (MEK)	<0.280	100	120	120	117	117	30-150	3	20	ug/L	03.31.14 11:24	
2-Hexanone	<0.320	100	122	122	121	121	55-130	1	20	ug/L	03.31.14 11:24	
4-Methyl-2-pentanone (MIBK)	<0.260	100	115	115	121	121	60-135	5	20	ug/L	03.31.14 11:24	
Acetone	<0.350	100	130	130	118	118	40-140	10	20	ug/L	03.31.14 11:24	
Benzene	<0.160	50.0	54.9	110	51.0	102	80-120	7	20	ug/L	03.31.14 11:24	
Bromodichloromethane	<0.250	50.0	45.3	91	40.9	82	75-120	10	20	ug/L	03.31.14 11:24	
Bromoform	<0.170	50.0	38.0	76	36.9	74	70-130	3	20	ug/L	03.31.14 11:24	
Bromomethane	<0.250	50.0	42.9	86	41.3	83	30-145	4	20	ug/L	03.31.14 11:24	
Carbon disulfide	<0.260	50.0	47.1	94	44.0	88	35-160	7	20	ug/L	03.31.14 11:24	
Carbon tetrachloride	<0.330	50.0	42.4	85	39.1	78	65-140	8	20	ug/L	03.31.14 11:24	
Chlorobenzene	<0.150	50.0	53.4	107	49.4	99	80-120	8	20	ug/L	03.31.14 11:24	
Chloroethane	<0.260	50.0	51.4	103	51.8	104	60-135	1	20	ug/L	03.31.14 11:24	
Chloroform	<0.160	50.0	53.1	106	48.0	96	65-135	10	20	ug/L	03.31.14 11:24	
Chloromethane	<0.250	50.0	44.0	88	42.1	84	40-125	4	20	ug/L	03.31.14 11:24	
cis-1,2-Dichloroethene	<0.210	50.0	53.6	107	48.2	96	70-125	11	20	ug/L	03.31.14 11:24	
cis-1,3-Dichloropropene	<0.100	50.0	48.7	97	45.2	90	70-130	7	20	ug/L	03.31.14 11:24	
Cyclohexane	<0.150	50.0	67.1	134	61.4	123	65-135	9	20	ug/L	03.31.14 11:24	
Dibromochloromethane	<0.150	50.0	39.1	78	37.1	74	60-135	5	20	ug/L	03.31.14 11:24	
Dichlorodifluoromethane	<0.220	50.0	36.7	73	40.5	81	30-155	10	20	ug/L	03.31.14 11:24	
Ethylbenzene	<0.190	50.0	54.8	110	49.5	99	75-125	10	20	ug/L	03.31.14 11:24	
Isopropylbenzene	<0.150	50.0	52.1	104	47.9	96	75-125	8	20	ug/L	03.31.14 11:24	
m,p-Xylenes	<0.510	100	107	107	97.9	98	75-130	9	20	ug/L	03.31.14 11:24	
Methyl acetate	<0.260	50.0	60.9	122	59.8	120	65-135	2	20	ug/L	03.31.14 11:24	
Methyl tert-butyl ether	<0.180	100	97.6	98	92.7	93	65-125	5	20	ug/L	03.31.14 11:24	
Methylcyclohexane	<0.110	50.0	58.5	117	52.3	105	65-135	11	20	ug/L	03.31.14 11:24	
Methylene chloride	<0.420	50.0	52.3	105	49.3	99	55-140	6	20	ug/L	03.31.14 11:24	
o-Xylene	<0.200	50.0	52.3	105	47.7	95	80-120	9	20	ug/L	03.31.14 11:24	
Styrene	<0.180	50.0	54.9	110	50.6	101	65-135	8	20	ug/L	03.31.14 11:24	
Tetrachloroethene	<0.160	50.0	45.1	90	41.7	83	45-150	8	20	ug/L	03.31.14 11:24	
Toluene	<0.140	50.0	54.0	108	49.1	98	75-120	10	20	ug/L	03.31.14 11:24	
trans-1,2-Dichloroethene	<0.210	50.0	51.8	104	47.3	95	60-140	9	20	ug/L	03.31.14 11:24	
trans-1,3-Dichloropropene	<0.110	50.0	47.2	94	42.7	85	55-140	10	20	ug/L	03.31.14 11:24	
Trichloroethene	<0.190	50.0	52.0	104	49.9	100	70-125	4	20	ug/L	03.31.14 11:24	
Trichlorofluoromethane	<0.530	50.0	48.1	96	45.4	91	60-145	6	20	ug/L	03.31.14 11:24	
Vinyl chloride	<0.190	50.0	39.5	79	37.5	75	50-145	5	20	ug/L	03.31.14 11:24	

QC Summary 482163

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 937493 Matrix: Water Date Prep: 03.31.14

MB Sample Id: 653288-1-BLK LCS Sample Id: 653288-1-BKS LCSD Sample Id: 653288-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	116		96		97		53-159	%	03.31.14 11:24
4-Bromofluorobenzene	93		97		96		30-186	%	03.31.14 11:24
Toluene-D8	104		104		104		70-130	%	03.31.14 11:24

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 937493 Matrix: Water Date Prep: 03.31.14

Parent Sample Id: 482064-001 MS Sample Id: 482064-001 S MSD Sample Id: 482064-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.160	50.0	46.5	93	46.0	92	59-138	1	20	ug/L	03.31.14 20:40	
1,1,2,2-Tetrachloroethane	<0.180	50.0	52.5	105	54.5	109	63-126	4	20	ug/L	03.31.14 20:40	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.110	50.0	56.1	112	53.7	107	53-138	4	20	ug/L	03.31.14 20:40	
1,1,2-Trichloroethane	<0.250	50.0	57.0	114	54.8	110	72-115	4	20	ug/L	03.31.14 20:40	
1,1-Dichloroethane	<0.110	50.0	61.4	123	58.3	117	69-132	5	20	ug/L	03.31.14 20:40	
1,1-Dichloroethene	<0.200	50.0	49.5	99	50.5	101	62-131	2	20	ug/L	03.31.14 20:40	
1,2,3-Trichlorobenzene	<0.250	50.0	46.1	92	46.3	93	48-122	0	20	ug/L	03.31.14 20:40	
1,2,4-Trichlorobenzene	<0.170	50.0	46.0	92	47.8	96	34-131	4	20	ug/L	03.31.14 20:40	
1,2-Dibromo-3-chloropropane (DBCP)	<0.190	50.0	35.4	71	38.5	77	53-121	8	20	ug/L	03.31.14 20:40	
1,2-Dibromoethane (EDB)	<0.180	50.0	43.9	88	43.9	88	66-125	0	20	ug/L	03.31.14 20:40	
1,2-Dichlorobenzene	<0.140	50.0	44.4	89	45.2	90	58-124	2	20	ug/L	03.31.14 20:40	
1,2-Dichloroethane	<0.180	50.0	55.1	110	55.6	111	55-141	1	20	ug/L	03.31.14 20:40	
1,2-Dichloropropane	<0.150	50.0	56.9	114	57.2	114	78-121	1	20	ug/L	03.31.14 20:40	
1,3-Dichlorobenzene	<0.170	50.0	44.8	90	44.8	90	62-120	0	20	ug/L	03.31.14 20:40	
1,4-Dichlorobenzene	<0.170	50.0	43.5	87	43.2	86	64-114	1	20	ug/L	03.31.14 20:40	
1,4-Dioxane	<8.84	1000	889	89	909	91	11-185	2	20	ug/L	03.31.14 20:40	
2-Butanone (MEK)	<0.280	100	104	104	104	104	50-152	0	20	ug/L	03.31.14 20:40	
2-Hexanone	<0.320	100	129	129	128	128	55-136	1	20	ug/L	03.31.14 20:40	
4-Methyl-2-pentanone (MIBK)	<0.260	100	118	118	119	119	65-132	1	20	ug/L	03.31.14 20:40	
Acetone	<0.350	100	129	129	137	137	40-140	6	20	ug/L	03.31.14 20:40	
Benzene	<0.160	50.0	52.8	106	49.7	99	77-118	6	20	ug/L	03.31.14 20:40	
Bromodichloromethane	<0.250	50.0	43.1	86	42.2	84	68-125	2	20	ug/L	03.31.14 20:40	
Bromoform	<0.170	50.0	35.3	71	34.9	70	53-112	1	20	ug/L	03.31.14 20:40	
Bromomethane	<0.250	50.0	41.1	82	42.0	84	63-137	2	20	ug/L	03.31.14 20:40	
Carbon disulfide	<0.260	50.0	41.7	83	42.5	85	26-147	2	20	ug/L	03.31.14 20:40	
Carbon tetrachloride	<0.330	50.0	37.7	75	45.4	91	56-138	19	20	ug/L	03.31.14 20:40	
Chlorobenzene	<0.150	50.0	50.2	100	48.4	97	71-114	4	20	ug/L	03.31.14 20:40	
Chloroethane	<0.260	50.0	50.9	102	50.0	100	60-137	2	20	ug/L	03.31.14 20:40	
Chloroform	<0.160	50.0	48.5	97	50.2	100	65-131	3	20	ug/L	03.31.14 20:40	
Chloromethane	<0.250	50.0	46.1	92	43.0	86	48-151	7	20	ug/L	03.31.14 20:40	
cis-1,2-Dichloroethene	<0.210	50.0	49.9	100	49.0	98	22-185	2	20	ug/L	03.31.14 20:40	
cis-1,3-Dichloropropene	<0.100	50.0	41.9	84	40.1	80	67-113	4	20	ug/L	03.31.14 20:40	
Cyclohexane	<0.150	50.0	60.2	120	58.3	117	61-141	3	20	ug/L	03.31.14 20:40	
Dibromochloromethane	<0.150	50.0	37.2	74	37.4	75	53-125	1	20	ug/L	03.31.14 20:40	
Dichlorodifluoromethane	<0.220	50.0	33.3	67	31.5	63	38-145	6	20	ug/L	03.31.14 20:40	
Ethylbenzene	<0.190	50.0	51.6	103	49.3	99	66-127	5	20	ug/L	03.31.14 20:40	
Isopropylbenzene	<0.150	50.0	47.2	94	47.5	95	58-127	1	20	ug/L	03.31.14 20:40	
m,p-Xylenes	<0.510	100	98.6	99	97.1	97	65-126	2	20	ug/L	03.31.14 20:40	
Methyl acetate	<0.260	50.0	60.6	121	69.7	139	65-135	14	20	ug/L	03.31.14 20:40	X
Methyl tert-butyl ether	<0.180	100	93.7	94	95.6	96	58-141	2	20	ug/L	03.31.14 20:40	
Methylcyclohexane	<0.110	50.0	51.7	103	49.0	98	64-128	5	20	ug/L	03.31.14 20:40	
Methylene chloride	<0.420	50.0	52.4	105	50.1	100	63-150	4	20	ug/L	03.31.14 20:40	
o-Xylene	<0.200	50.0	47.7	95	46.9	94	64-123	2	20	ug/L	03.31.14 20:40	
Styrene	<0.180	50.0	50.1	100	48.8	98	50-133	3	20	ug/L	03.31.14 20:40	
Tetrachloroethene	<0.160	50.0	39.1	78	38.8	78	52-125	1	20	ug/L	03.31.14 20:40	
Toluene	<0.140	50.0	51.0	102	48.7	97	65-123	5	20	ug/L	03.31.14 20:40	
trans-1,2-Dichloroethene	<0.210	50.0	49.4	99	48.6	97	65-135	2	20	ug/L	03.31.14 20:40	
trans-1,3-Dichloropropene	<0.110	50.0	38.9	78	41.9	84	50-125	7	20	ug/L	03.31.14 20:40	
Trichloroethene	<0.190	50.0	53.0	106	49.9	100	65-125	6	20	ug/L	03.31.14 20:40	
Trichlorofluoromethane	<0.530	50.0	48.2	96	46.5	93	51-145	4	20	ug/L	03.31.14 20:40	
Vinyl chloride	<0.190	50.0	39.3	79	38.3	77	52-140	3	20	ug/L	03.31.14 20:40	

QC Summary 482163

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 937493 Matrix: Water Date Prep: 03.31.14

Parent Sample Id: 482064-001 MS Sample Id: 482064-001 S MSD Sample Id: 482064-001 SD

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	124		123		53-159	%	03.31.14 20:40
4-Bromofluorobenzene	96		98		30-186	%	03.31.14 20:40
Toluene-D8	104		103		70-130	%	03.31.14 20:40

XENCO LABORATORIES
CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: CONTOUR ENGINEERING, LLC	Receiver's Initials/Temp: ___ / 1.3°C
Address: 1955 VAUGHN RD. KENNESAW, GA 30144	Custody Seal(s): ___ Y N Lab Work Order # 482163
Results Sent to: KEVIN McGOWAN	P.O.# (if required):
Email address: KMCGOWAN@CONTOURENG.COM	Field Comments / Lab Precautions:
Contact Phone #: 770-634-0969 Cell#:	
Project Name (Site): IMPERIAL CLEANERS	
Project Number (ID): E13FCS17	Container Type:
Regulatory Program:	Chemical Preservation Code:
Sampler(s): (signature)	Sampler(s): (printed) ANDREW REBEIZ

Line No.	Sample ID #	Sample Depth (Ft)	Collection Date / Time	Matrix (See below)	Composite	Grab	No. of Containers	VOC 8260
1	WD-2	24	3/26/14 11:05	W		X	2	X
2	SD-16 A	0-2	3/26/14 11:40	S		X	4	X
3	SD-16 B	8-10	3/26/14 11:43	S		X	4	X
4	SD-16 C	18-20	3/26/14 11:51	S		X	4	X
5	WD-3	23.5	3/26/14 13:29	W		X	2	X
6	WD-1	30.4	3/26/14 16:02	W		X	2	X
7	WD-6	23.7	3/26/14 16:38	W		X	2	X
8	SD-11 A	0-2	3/27/14 9:18	S		X	4	X
9	SD-11 B	8-10	3/27/14 9:24	S		X	4	X
10	SD-11 C	18-20	3/27/14 9:35	S		X	4	X

Analysis Requested

1) Relinquished By: Date / Time 3/27/14 13:41	2) Received By: Date / Time 3/27/14 13:41	Delivered by: (Circle One) Fed Ex / UPS / Courier / Lab Pickup / Hand / Other
3) Relinquished By: Date / Time	4) Received By: Date / Time	**Turnaround Time (business days)** TAT Starts when samples are rec'd by 2PM
5) Relinquished By: Date / Time	6) Received By: Date / Time	___10 Days ; X 5-7 Days; ___3 Days ___2 Days ; ___1 Day; ___Same Day

Matrix Guide: (W=Water) (DW = Drinking Water) (GW = Groundwater) (SW = Surface Water) (L = Liquid) (O = Oil) (S = Soil) (SD = Solid) (SL = Sludge) (A = Air) (C = Air Cartridge)

Chemical Preservation Codes: 1 = HCL / 2 = HNO_3 / 3 = H_2SO_4 / 4 = NaOH + $NaAsO_2$ / 5 = NaOH + ZnAc / 6 = $Na_2S_2O_3$ / 7 = $NaHSO_4$ & MeOH / 8 = DI Water & MeOH

Container Type: VC=Vial (Clear); VA =Vial (Amber); GC=Glass (Clear); GA=Glass (Amber); P=Plastic (HDPE); TB=Tedlar Bag; ES=EnCore Sampler; ZB=Ziploc Bag; O=Other

XENCO LABORATORIES
CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: CONTOUR ENGINEERING, LLC	Receiver's Initials/Temp: ___ / 1.3°C
Address: 1955 VAUGH RD. KENNESAW, GA 30144	Custody Seal(s): ___ Y N Lab Work Order # 482163
Results Sent to: KEVIN McGOWAN	P.O.# (if required):
Email address: KMCGOWAN@CONTOURENG.COM	Field Comments / Lab Precautions:
Contact Phone #: 770-634-0969 Cell#:	
Project Name (Site): IMPERIAL CLEANERS	
Project Number (ID): E13FCS17	Container Type:
Regulatory Program:	Chemical Preservation Code:
Sampler(s): (signature)	Sampler(s): (printed) ANDREW REGER

Line No.	Sample ID #	Sample Depth (Ft)	Collection Date / Time	Matrix (See below)	Composite	Grab	No. of Containers	VOC 8260
1	SD-12 A	0-2	3/27/14 9:45	S		X	4	X
2	SD-12 B	10-12	3/27/14 9:57	S		X	4	X
3	SD-13 A	0-2	3/27/14 10:05	S		X	4	X
4	SD-13 B	8-10	3/27/14 10:11	S		X	4	X
5	SD-13 C	18-20	3/27/14 10:17	S		X	4	X
6	SD-14 A	0-2	3/27/14 10:33	S		X	4	X
7	SD-14 B	8-10	3/27/14 10:39	S		X	4	X
8	SD-14 C	18-20	3/27/14 10:44	S		X	4	X
9	SD-15 A	0-2	3/27/14 10:54	S		X	4	X
10	SD-15 B	8-10	3/27/14 11:04	S		X	4	X

Analysis Requested

1) Relinquished By:	Date / Time 3/27/14 13:41	2) Received By: Date / Time 03/27/14 13:41
3) Relinquished By:	Date / Time	4) Received By: Date / Time
5) Relinquished By:	Date / Time	6) Received By: Date / Time

Delivered by: (Circle One)
Fed Ex / UPS / Courier / Lab Pickup / Hand / Other

Turnaround Time (business days)
TAT Starts when samples are rec'd by 2PM
___10 Days ; X 5-7 Days; ___3 Days
___2 Days ; ___1 Day; ___Same Day

Matrix Guide: (W=Water) (DW = Drinking Water) (GW = Groundwater) (SW = Surface Water) (L = Liquid) (O = Oil) (S = Soil) (SD = Solid) (SL = Sludge) (A = Air) (C = Air Cartridge)

Chemical Preservation Codes: 1 = HCL / 2 = HNO_3 / 3 = H_2SO_4 / 4 = NaOH + $NaAsO_2$ / 5 = NaOH + ZnAc / 6 = $Na_2S_2O_3$ / 7 = $NaHSO_4$ & MeOH / 8 = DI Water & MeOH

Container Type: VC=Vial (Clear); VA =Vial (Amber); GC=Glass (Clear); GA=Glass (Amber); P=Plastic (HDPE); TB=Tedlar Bag; ES=EnCore Sampler; ZB=Ziploc Bag; O=Other

XENCO LABORATORIES
CHAIN OF CUSTODY

6017 Financial Drive, Norcross, GA 30071
Phone # (770) 449-8800 Fax # (770) 449-5477

Company Name: CONTOUR ENGINEERING, LLC	Receiver's Initials/Temp: ___ / 1.3°C 482163
Address: 1955 YAUGHN RD. KENNESAW, GA 30144	Custody Seal(s): ___ Y N Lab Work Order #
Results Sent to: KEVIN McGOWAN	P.O.# (if required):
Email address: K-MCGOWAN@CONTOURENG.COM	Field Comments / Lab Precautions:
Contact Phone #: 770-634-0969 Cell#:	
Project Name (Site): IMPERIAL CLEANERS	Analysis Requested
Project Number (ID): E13FCS17 Container Type:	
Regulatory Program: Chemical Preservation Code:	
Sampler(s): (signature) Andrew Rebeiz	Sampler(s): (printed) ANDREW REBEIZ

Line No.	Sample ID #	Sample Depth (Ft)	Collection Date / Time	Matrix (See below)	Composite	Grab	No. of Containers	VOC 8260
1	SD-15C	18-20	3/27/14 11:09	S		X	4	X
2								
3								
4								
5								
6								
7								
8								
9								
10								

1) Relinquished By: Andrew Rebeiz Date / Time 3/27/14 13:41	2) Received By: Date / Time 3/27/14 15:41	Delivered by: (Circle One) Fed Ex / UPS / Courier / Lab Pickup / Hand / Other
3) Relinquished By: Date / Time	4) Received By: Date / Time	**Turnaround Time (business days)** TAT Starts when samples are rec'd by 2PM
5) Relinquished By: Date / Time	6) Received By: Date / Time	___10 Days ; X 5-7 Days; ___3 Days ___2 Days ; ___1 Day; ___Same Day

Matrix Guide: (W=Water) (DW = Drinking Water) (GW = Groundwater) (SW = Surface Water) (L = Liquid) (O = Oil) (S = Soil) (SD = Solid) (SL = Sludge) (A = Air) (C = Air Cartridge)

Chemical Preservation Codes: 1 = HCL / 2 = HNO_3 / 3 = H_2SO_4 / 4 = NaOH + $NaAsO_2$ / 5 = NaOH + ZnAc / 6 = $Na_2S_2O_3$ / 7 = $NaHSO_4$ & MeOH / 8 = DI Water & MeOH

Container Type: VC=Vial (Clear); VA =Vial (Amber); GC=Glass (Clear); GA=Glass (Amber); P=Plastic (HDPE); TB=Tedlar Bag; ES=EnCore Sampler; ZB=Ziploc Bag; O=Other

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

Client: Contour Engineering, LLC

Date/ Time Received: 03/27/2014 01:41:00 PM

Work Order #: 482163

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	1.3	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6 *Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Sample instructions complete on Chain of Custody?	**Yes**	
#9 Any missing/extra samples?	**No**	
#10 Chain of Custody signed when relinquished/ received?	**Yes**	
#11 Chain of Custody agrees with sample label(s)?	**Yes**	
#12 Container label(s) legible and intact?	**Yes**	
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**	
#14 Samples in proper container/ bottle?	**Yes**	
#15 Samples properly preserved?	**Yes**	Soil VOCs submitted in pre-weighed DI Water Vials for this WO. Frozen upon receipt at the lab.
#16 Sample container(s) intact?	**Yes**	
#17 Sufficient sample amount for indicated test(s)?	**Yes**	
#18 All samples received within hold time?	**Yes**	
#19 Subcontract of sample(s)?	**No**	
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**	
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**	
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Dario Lagunas Date: 03/27/2014

Checklist reviewed by: David C. Fuller Date: 03/28/2014

Analytical Report 483267

for

Contour Engineering, LLC

Project Manager: Kevin McGowan

Imperial Cleaners

G13FCS17

17-APR-14

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-14-16-TX), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
New Jersey (TX007), North Carolina(681), Oklahoma (9218), Pennsylvania (68-03610)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

17-APR-14

Project Manager: **Kevin McGowan**
Contour Engineering, LLC
1955 Vaughn Road, Suite 101
Kennesaw, GA 30144

Reference: XENCO Report No(s): **483267**
Imperial Cleaners
Project Address: GA

Kevin McGowan:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 483267. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 483267 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Eben D. Buchanan Jr.

Eben Buchanan
Project Manager

Sample Cross Reference 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SD-16A	S	04-11-14 09:45	0 - 2 ft	483267-001
SD-16B	S	04-11-14 09:53	8 - 16 ft	483267-002
SD-16C	S	04-11-14 09:59	18 - 20 ft	483267-003
SD-17A	S	04-11-14 10:11	0 - 2 ft	483267-004
SD-17B	S	04-11-14 10:14	8 - 10 ft	483267-005
SD-17C	S	04-11-14 10:19	18 - 20 ft	483267-006
SD-18A	S	04-11-14 10:24	0 - 2 ft	483267-007
SD-18B	S	04-11-14 10:26	8 - 10 ft	483267-008
SD-18C	S	04-11-14 10:31	18 - 20 ft	483267-009
SD-19A	S	04-11-14 10:59	0 - 2 ft	483267-010
SD-19B	S	04-11-14 11:03	8 - 10 ft	483267-011
SD-19C	S	04-11-14 11:07	18 - 20 ft	483267-012
SD-20A	S	04-11-14 11:16	0 - 2 ft	483267-013
SD-20B	S	04-11-14 11:19	8 - 10 ft	483267-014
SD-20C	S	04-11-14 11:24	18 - 20 ft	483267-015
SD-21A	S	04-11-14 11:29	0 - 2 ft	483267-016
SD-21B	S	04-11-14 11:32	8 - 10 ft	483267-017
SD-21C	S	04-11-14 11:37	18 - 20 ft	483267-018
SD-22A	S	04-11-14 11:41	0 - 2 ft	483267-019
SD-22B	S	04-11-14 11:43	8 - 10 ft	483267-020
SD-22C	S	04-11-14 11:48	18 - 20 ft	483267-021
SD-23A	S	04-11-14 12:38	0 - 2 ft	483267-022
SD-23B	S	04-11-14 12:41	8 - 10 ft	483267-023
SD-23C	S	04-11-14 12:45	18 - 20 ft	483267-024
SD-24A	S	04-11-14 12:54	0 - 2 ft	483267-025
SD-24B	S	04-11-14 12:59	8 - 10 ft	483267-026
SD-24C	S	04-11-14 13:04	18 - 20 ft	483267-027
Trip Blank	W	04-11-14 00:00		483267-028

CASE NARRATIVE

Client Name: Contour Engineering, LLC
Project Name: Imperial Cleaners

Project ID: *G13FCS17*
Work Order Number(s): *483267*

Report Date: *17-APR-14*
Date Received: *04/12/2014*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:
Batch: LBA-938691 VOCs by SW-846 8260B
1,1,2-Trichloro-1,2,2-Trifluoroethane, 1,4-Dioxane, Trichlorofluoromethane, trans-1,2-Dichloroethene
RPD between matrix spike and duplicate was outside QC limits.
Samples affected are: 483267-028

Batch: LBA-938777 VOCs by SW-846 8260B
Tetrachloroethene RPD between matrix spike and duplicate was outside QC limits.
Samples affected are: 483267-025, -024, -020, -026, -023, -021, -022, -027

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-16A**
Lab Sample Id : 483267-001
Sample Depth : 0 - 2 ft

Matrix : Soil
Date Collected : 04.11.14 09.45
Date Received : 04.12.14 10.10

% Moisture : 15.34
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.15.14 17.46

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0221	mg/kg	04.15.14 21.05		1

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-16B**
Lab Sample Id : 483267-002
Sample Depth : 8 - 16 ft

Matrix : Soil
Date Collected : 04.11.14 09.53
Date Received : 04.12.14 10.10

% Moisture : 17.8
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.15.14 17.46

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0206	mg/kg	04.15.14 21.30		1

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-16C**
Lab Sample Id : 483267-003
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 04.11.14 09.59
Date Received : 04.12.14 10.10

% Moisture : 20.55
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.15.14 17.46

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.264	mg/kg	04.15.14 21.55		1

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-17B**
Lab Sample Id : 483267-005
Sample Depth : 8 - 10 ft

Matrix : Soil
Date Collected : 04.11.14 10.14
Date Received : 04.12.14 10.10

% Moisture : 16.93
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.15.14 17.46

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.131	mg/kg	04.15.14 22.46		1

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-17C**
Lab Sample Id : 483267-006
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 04.11.14 10.19
Date Received : 04.12.14 10.10

% Moisture : 19.66
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.16.14 17.09

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.539	mg/kg	04.16.14 23.57	D	50

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-18B**
Lab Sample Id : 483267-008
Sample Depth : 8 - 10 ft

Matrix : Soil
Date Collected : 04.11.14 10.26
Date Received : 04.12.14 10.10

% Moisture : 16.47
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.15.14 17.46

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0209	mg/kg	04.16.14 00.01		1

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-18C**
Lab Sample Id : 483267-009
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 04.11.14 10.31
Date Received : 04.12.14 10.10

% Moisture : 16.31
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.15.14 17.46

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0890	mg/kg	04.16.14 00.26		1

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-19A**
Lab Sample Id : 483267-010
Sample Depth : 0 - 2 ft

Matrix : Soil
Date Collected : 04.11.14 10.59
Date Received : 04.12.14 10.10

% Moisture : 18.46
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.15.14 17.46

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0586	mg/kg	04.16.14 00.51		1

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-19C**
Lab Sample Id : 483267-012
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 04.11.14 11.07
Date Received : 04.12.14 10.10

% Moisture : 21.89
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.15.14 17.46

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.148	mg/kg	04.16.14 01.42		1

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-20A**
Lab Sample Id : 483267-013
Sample Depth : 0 - 2 ft

Matrix : Soil
Date Collected : 04.11.14 11.16
Date Received : 04.12.14 10.10

% Moisture : 15.77
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.15.14 17.46

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0113	mg/kg	04.16.14 02.07		1

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-20C**
Lab Sample Id : 483267-015
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 04.11.14 11.24
Date Received : 04.12.14 10.10

% Moisture : 19.06
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.15.14 17.46

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Trichloroethene	79-01-6	0.00752	mg/kg	04.16.14 02.57		1

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.16.14 17.09

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.899	mg/kg	04.17.14 00.24	D	50

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-21A**
Lab Sample Id : 483267-016
Sample Depth : 0 - 2 ft

Matrix : Soil
Date Collected : 04.11.14 11.29
Date Received : 04.12.14 10.10

% Moisture : 16.77
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.15.14 17.46

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.00607	mg/kg	04.16.14 03.22		1

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-21B**
Lab Sample Id : 483267-017
Sample Depth : 8 - 10 ft

Matrix : Soil
Date Collected : 04.11.14 11.32
Date Received : 04.12.14 10.10

% Moisture : 14.7
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.15.14 17.46

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.00661	mg/kg	04.16.14 03.47		1

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-21C**
Lab Sample Id : 483267-018
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 04.11.14 11.37
Date Received : 04.12.14 10.10

% Moisture : 16.45
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938704

Prep Method: SW5035A
Date Prep: 04.15.14 17.46

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.144	mg/kg	04.16.14 04.12		1
Trichloroethene	79-01-6	0.00465	mg/kg	04.16.14 04.12		1

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-22C**
Lab Sample Id : 483267-021
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 04.11.14 11.48
Date Received : 04.12.14 10.10

% Moisture : 21.22
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938777

Prep Method: SW5035A
Date Prep: 04.16.14 07.50

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Trichloroethene	79-01-6	0.00706	mg/kg	04.16.14 11.08		1

Analytical Method : VOCs by SW-846 8260B
Seq Number 938777

Prep Method: SW5035A
Date Prep: 04.16.14 17.09

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	1.63	mg/kg	04.17.14 00.51	D	50

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-23B**
Lab Sample Id : 483267-023
Sample Depth : 8 - 10 ft

Matrix : Soil
Date Collected : 04.11.14 12.41
Date Received : 04.12.14 10.10

% Moisture : 17.79
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938777

Prep Method: SW5035A
Date Prep: 04.16.14 07.50

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0479	mg/kg	04.16.14 11.58		1

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-23C**
Lab Sample Id : 483267-024
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 04.11.14 12.45
Date Received : 04.12.14 10.10

% Moisture : 22.98
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938777

Prep Method: SW5035A
Date Prep: 04.16.14 07.50

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	0.0312	mg/kg	04.16.14 12.23		1
Trichloroethene	79-01-6	0.103	mg/kg	04.16.14 12.23		1

Analytical Method : VOCs by SW-846 8260B
Seq Number 938777

Prep Method: SW5035A
Date Prep: 04.16.14 17.09

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	3.68	mg/kg	04.17.14 01.19	D	50

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-24B**
Lab Sample Id : 483267-026
Sample Depth : 8 - 10 ft

Matrix : Soil
Date Collected : 04.11.14 12.59
Date Received : 04.12.14 10.10

% Moisture : 20.32
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938777

Prep Method: SW5035A
Date Prep: 04.16.14 07.50

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0235	mg/kg	04.16.14 13.13		1

Hits Summary 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id : **SD-24C**
Lab Sample Id : 483267-027
Sample Depth : 18 - 20 ft

Matrix : Soil
Date Collected : 04.11.14 13.04
Date Received : 04.12.14 10.10

% Moisture : 13.61
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 938777

Prep Method: SW5035A
Date Prep: 04.16.14 07.50

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	0.0792	mg/kg	04.16.14 13.38		1
cis-1,2-Dichloroethene	156-59-2	0.00833	mg/kg	04.16.14 13.38		1
Tetrachloroethene	127-18-4	0.0650	mg/kg	04.16.14 13.38		1
trans-1,2-Dichloroethene	156-60-5	0.0235	mg/kg	04.16.14 13.38		1
Trichloroethene	79-01-6	0.122	mg/kg	04.16.14 13.38		1

Certificate of Analytical Results 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-16A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-001	Date Collected:	04.11.14 09.45	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	15.34
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0528	mg/kg	04.15.14 21.05	U	1
2-Hexanone	591-78-6	BRL	0.0528	mg/kg	04.15.14 21.05	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0528	mg/kg	04.15.14 21.05	U	1
Acetone	67-64-1	BRL	0.0528	mg/kg	04.15.14 21.05	U	1
Benzene	71-43-2	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Bromochloromethane	74-97-5	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Bromodichloromethane	75-27-4	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Bromoform	75-25-2	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Bromomethane	74-83-9	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Carbon disulfide	75-15-0	BRL	0.0211	mg/kg	04.15.14 21.05	U	1
Carbon tetrachloride	56-23-5	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Chlorobenzene	108-90-7	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Chloroethane	75-00-3	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Chloroform	67-66-3	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Chloromethane	74-87-3	BRL	0.0106	mg/kg	04.15.14 21.05	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Cyclohexane	110-82-7	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Dibromochloromethane	124-48-1	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Ethylbenzene	100-41-4	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Isopropylbenzene	98-82-8	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
m,p-Xylenes	179601-23-1	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Methyl acetate	79-20-9	BRL	0.00528	mg/kg	04.15.14 21.05	U	1

Certificate of Analytical Results 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-16A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-001	Date Collected:	04.11.14 09.45	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	15.34
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Methylcyclohexane	108-87-2	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Methylene chloride	75-09-2	BRL	0.0211	mg/kg	04.15.14 21.05	U	1
o-Xylene	95-47-6	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Styrene	100-42-5	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Tetrachloroethene	127-18-4	**0.0221**	0.00528	mg/kg	04.15.14 21.05		1
Toluene	108-88-3	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Trichloroethene	79-01-6	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00528	mg/kg	04.15.14 21.05	U	1
Vinyl chloride	75-01-4	BRL	0.00528	mg/kg	04.15.14 21.05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	118	%	50-150	04.15.14 21.05	
4-Bromofluorobenzene	460-00-4	108	%	57-158	04.15.14 21.05	
Toluene-D8	2037-26-5	100	%	50-150	04.15.14 21.05	

Certificate of Analytical Results 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-16B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-002	Date Collected:	04.11.14 09.53	Sample Depth:	8 - 16 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	17.8
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0576	mg/kg	04.15.14 21.30	U	1
2-Hexanone	591-78-6	BRL	0.0576	mg/kg	04.15.14 21.30	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0576	mg/kg	04.15.14 21.30	U	1
Acetone	67-64-1	BRL	0.0576	mg/kg	04.15.14 21.30	U	1
Benzene	71-43-2	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Bromochloromethane	74-97-5	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Bromodichloromethane	75-27-4	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Bromoform	75-25-2	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Bromomethane	74-83-9	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Carbon disulfide	75-15-0	BRL	0.0230	mg/kg	04.15.14 21.30	U	1
Carbon tetrachloride	56-23-5	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Chlorobenzene	108-90-7	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Chloroethane	75-00-3	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Chloroform	67-66-3	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Chloromethane	74-87-3	BRL	0.0115	mg/kg	04.15.14 21.30	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Cyclohexane	110-82-7	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Dibromochloromethane	124-48-1	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Ethylbenzene	100-41-4	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Isopropylbenzene	98-82-8	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
m,p-Xylenes	179601-23-1	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Methyl acetate	79-20-9	BRL	0.00576	mg/kg	04.15.14 21.30	U	1

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Sample Id:	**SD-16B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-002	Date Collected:	04.11.14 09.53	Sample Depth:	8 - 16 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	17.8
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Methylcyclohexane	108-87-2	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Methylene chloride	75-09-2	BRL	0.0230	mg/kg	04.15.14 21.30	U	1
o-Xylene	95-47-6	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Styrene	100-42-5	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Tetrachloroethene	127-18-4	**0.0206**	0.00576	mg/kg	04.15.14 21.30		1
Toluene	108-88-3	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Trichloroethene	79-01-6	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00576	mg/kg	04.15.14 21.30	U	1
Vinyl chloride	75-01-4	BRL	0.00576	mg/kg	04.15.14 21.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	120	%	50-150	04.15.14 21.30	
4-Bromofluorobenzene	460-00-4	104	%	57-158	04.15.14 21.30	
Toluene-D8	2037-26-5	104	%	50-150	04.15.14 21.30	

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Sample Id:	**SD-16C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-003	Date Collected:	04.11.14 09.59	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	20.55
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0785	mg/kg	04.15.14 21.55	U	1
2-Hexanone	591-78-6	BRL	0.0785	mg/kg	04.15.14 21.55	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0785	mg/kg	04.15.14 21.55	U	1
Acetone	67-64-1	BRL	0.0785	mg/kg	04.15.14 21.55	U	1
Benzene	71-43-2	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Bromochloromethane	74-97-5	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Bromodichloromethane	75-27-4	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Bromoform	75-25-2	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Bromomethane	74-83-9	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Carbon disulfide	75-15-0	BRL	0.0314	mg/kg	04.15.14 21.55	U	1
Carbon tetrachloride	56-23-5	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Chlorobenzene	108-90-7	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Chloroethane	75-00-3	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Chloroform	67-66-3	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Chloromethane	74-87-3	BRL	0.0157	mg/kg	04.15.14 21.55	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Cyclohexane	110-82-7	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Dibromochloromethane	124-48-1	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Ethylbenzene	100-41-4	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Isopropylbenzene	98-82-8	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
m,p-Xylenes	179601-23-1	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Methyl acetate	79-20-9	BRL	0.00785	mg/kg	04.15.14 21.55	U	1

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Sample Id:	**SD-16C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-003	Date Collected:	04.11.14 09.59	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	20.55
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Methylcyclohexane	108-87-2	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Methylene chloride	75-09-2	BRL	0.0314	mg/kg	04.15.14 21.55	U	1
o-Xylene	95-47-6	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Styrene	100-42-5	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Tetrachloroethene	127-18-4	**0.264**	0.00785	mg/kg	04.15.14 21.55		1
Toluene	108-88-3	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Trichloroethene	79-01-6	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00785	mg/kg	04.15.14 21.55	U	1
Vinyl chloride	75-01-4	BRL	0.00785	mg/kg	04.15.14 21.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	117	%	50-150	04.15.14 21.55	
4-Bromofluorobenzene	460-00-4	105	%	57-158	04.15.14 21.55	
Toluene-D8	2037-26-5	101	%	50-150	04.15.14 21.55	

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Sample Id:	**SD-17A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-004	Date Collected:	04.11.14 10.11	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	14.69
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0473	mg/kg	04.15.14 22.21	U	1
2-Hexanone	591-78-6	BRL	0.0473	mg/kg	04.15.14 22.21	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0473	mg/kg	04.15.14 22.21	U	1
Acetone	67-64-1	BRL	0.0473	mg/kg	04.15.14 22.21	U	1
Benzene	71-43-2	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Bromochloromethane	74-97-5	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Bromodichloromethane	75-27-4	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Bromoform	75-25-2	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Bromomethane	74-83-9	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Carbon disulfide	75-15-0	BRL	0.0189	mg/kg	04.15.14 22.21	U	1
Carbon tetrachloride	56-23-5	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Chlorobenzene	108-90-7	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Chloroethane	75-00-3	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Chloroform	67-66-3	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Chloromethane	74-87-3	BRL	0.00945	mg/kg	04.15.14 22.21	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Cyclohexane	110-82-7	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Dibromochloromethane	124-48-1	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Ethylbenzene	100-41-4	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Isopropylbenzene	98-82-8	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
m,p-Xylenes	179601-23-1	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Methyl acetate	79-20-9	BRL	0.00473	mg/kg	04.15.14 22.21	U	1

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Sample Id:	**SD-17A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-004	Date Collected:	04.11.14 10.11	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	14.69
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Methylcyclohexane	108-87-2	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Methylene chloride	75-09-2	BRL	0.0189	mg/kg	04.15.14 22.21	U	1
o-Xylene	95-47-6	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Styrene	100-42-5	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Tetrachloroethene	127-18-4	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Toluene	108-88-3	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Trichloroethene	79-01-6	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00473	mg/kg	04.15.14 22.21	U	1
Vinyl chloride	75-01-4	BRL	0.00473	mg/kg	04.15.14 22.21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	125	%	50-150	04.15.14 22.21	
4-Bromofluorobenzene	460-00-4	94	%	57-158	04.15.14 22.21	
Toluene-D8	2037-26-5	97	%	50-150	04.15.14 22.21	

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Sample Id:	**SD-17B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-005	Date Collected:	04.11.14 10.14	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.93
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0536	mg/kg	04.15.14 22.46	U	1
2-Hexanone	591-78-6	BRL	0.0536	mg/kg	04.15.14 22.46	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0536	mg/kg	04.15.14 22.46	U	1
Acetone	67-64-1	BRL	0.0536	mg/kg	04.15.14 22.46	U	1
Benzene	71-43-2	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Bromochloromethane	74-97-5	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Bromodichloromethane	75-27-4	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Bromoform	75-25-2	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Bromomethane	74-83-9	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Carbon disulfide	75-15-0	BRL	0.0215	mg/kg	04.15.14 22.46	U	1
Carbon tetrachloride	56-23-5	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Chlorobenzene	108-90-7	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Chloroethane	75-00-3	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Chloroform	67-66-3	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Chloromethane	74-87-3	BRL	0.0107	mg/kg	04.15.14 22.46	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Cyclohexane	110-82-7	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Dibromochloromethane	124-48-1	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Ethylbenzene	100-41-4	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Isopropylbenzene	98-82-8	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
m,p-Xylenes	179601-23-1	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Methyl acetate	79-20-9	BRL	0.00536	mg/kg	04.15.14 22.46	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-17B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-005	Date Collected:	04.11.14 10.14	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.93
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Methylcyclohexane	108-87-2	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Methylene chloride	75-09-2	BRL	0.0215	mg/kg	04.15.14 22.46	U	1
o-Xylene	95-47-6	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Styrene	100-42-5	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Tetrachloroethene	127-18-4	**0.131**	0.00536	mg/kg	04.15.14 22.46		1
Toluene	108-88-3	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Trichloroethene	79-01-6	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00536	mg/kg	04.15.14 22.46	U	1
Vinyl chloride	75-01-4	BRL	0.00536	mg/kg	04.15.14 22.46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	122	%	50-150	04.15.14 22.46	
4-Bromofluorobenzene	460-00-4	100	%	57-158	04.15.14 22.46	
Toluene-D8	2037-26-5	99	%	50-150	04.15.14 22.46	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-17C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-006	Date Collected:	04.11.14 10.19	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	19.66
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0520	mg/kg	04.15.14 23.11	U	1
2-Hexanone	591-78-6	BRL	0.0520	mg/kg	04.15.14 23.11	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0520	mg/kg	04.15.14 23.11	U	1
Acetone	67-64-1	BRL	0.0520	mg/kg	04.15.14 23.11	U	1
Benzene	71-43-2	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Bromochloromethane	74-97-5	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Bromodichloromethane	75-27-4	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Bromoform	75-25-2	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Bromomethane	74-83-9	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Carbon disulfide	75-15-0	BRL	0.0208	mg/kg	04.15.14 23.11	U	1
Carbon tetrachloride	56-23-5	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Chlorobenzene	108-90-7	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Chloroethane	75-00-3	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Chloroform	67-66-3	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Chloromethane	74-87-3	BRL	0.0104	mg/kg	04.15.14 23.11	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Cyclohexane	110-82-7	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Dibromochloromethane	124-48-1	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Ethylbenzene	100-41-4	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Isopropylbenzene	98-82-8	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
m,p-Xylenes	179601-23-1	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Methyl acetate	79-20-9	BRL	0.00520	mg/kg	04.15.14 23.11	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-17C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-006	Date Collected:	04.11.14 10.19	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	19.66
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Methylcyclohexane	108-87-2	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Methylene chloride	75-09-2	BRL	0.0208	mg/kg	04.15.14 23.11	U	1
o-Xylene	95-47-6	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Styrene	100-42-5	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Tetrachloroethene	127-18-4	**0.539**	0.275	mg/kg	04.16.14 23.57	D	50
Toluene	108-88-3	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Trichloroethene	79-01-6	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00520	mg/kg	04.15.14 23.11	U	1
Vinyl chloride	75-01-4	BRL	0.00520	mg/kg	04.15.14 23.11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	126	%	50-150	04.15.14 23.11	
4-Bromofluorobenzene	460-00-4	97	%	57-158	04.15.14 23.11	
Toluene-D8	2037-26-5	94	%	50-150	04.15.14 23.11	

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Sample Id:	**SD-18A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-007	Date Collected:	04.11.14 10.24	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	18.46
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0529	mg/kg	04.15.14 23.36	U	1
2-Hexanone	591-78-6	BRL	0.0529	mg/kg	04.15.14 23.36	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0529	mg/kg	04.15.14 23.36	U	1
Acetone	67-64-1	BRL	0.0529	mg/kg	04.15.14 23.36	U	1
Benzene	71-43-2	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Bromochloromethane	74-97-5	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Bromodichloromethane	75-27-4	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Bromoform	75-25-2	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Bromomethane	74-83-9	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Carbon disulfide	75-15-0	BRL	0.0211	mg/kg	04.15.14 23.36	U	1
Carbon tetrachloride	56-23-5	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Chlorobenzene	108-90-7	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Chloroethane	75-00-3	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Chloroform	67-66-3	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Chloromethane	74-87-3	BRL	0.0106	mg/kg	04.15.14 23.36	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Cyclohexane	110-82-7	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Dibromochloromethane	124-48-1	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Ethylbenzene	100-41-4	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Isopropylbenzene	98-82-8	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
m,p-Xylenes	179601-23-1	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Methyl acetate	79-20-9	BRL	0.00529	mg/kg	04.15.14 23.36	U	1

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Contour Engineering, LLC, Kennesaw, GA

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Sample Id:	**SD-18A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-007	Date Collected:	04.11.14 10.24	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	18.46
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Methylcyclohexane	108-87-2	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Methylene chloride	75-09-2	BRL	0.0211	mg/kg	04.15.14 23.36	U	1
o-Xylene	95-47-6	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Styrene	100-42-5	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Tetrachloroethene	127-18-4	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Toluene	108-88-3	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Trichloroethene	79-01-6	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00529	mg/kg	04.15.14 23.36	U	1
Vinyl chloride	75-01-4	BRL	0.00529	mg/kg	04.15.14 23.36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	116	%	50-150	04.15.14 23.36	
4-Bromofluorobenzene	460-00-4	100	%	57-158	04.15.14 23.36	
Toluene-D8	2037-26-5	101	%	50-150	04.15.14 23.36	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-18B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-008	Date Collected:	04.11.14 10.26	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.47
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0512	mg/kg	04.16.14 00.01	U	1
2-Hexanone	591-78-6	BRL	0.0512	mg/kg	04.16.14 00.01	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0512	mg/kg	04.16.14 00.01	U	1
Acetone	67-64-1	BRL	0.0512	mg/kg	04.16.14 00.01	U	1
Benzene	71-43-2	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Bromochloromethane	74-97-5	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Bromodichloromethane	75-27-4	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Bromoform	75-25-2	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Bromomethane	74-83-9	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Carbon disulfide	75-15-0	BRL	0.0205	mg/kg	04.16.14 00.01	U	1
Carbon tetrachloride	56-23-5	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Chlorobenzene	108-90-7	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Chloroethane	75-00-3	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Chloroform	67-66-3	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Chloromethane	74-87-3	BRL	0.0102	mg/kg	04.16.14 00.01	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Cyclohexane	110-82-7	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Dibromochloromethane	124-48-1	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Ethylbenzene	100-41-4	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Isopropylbenzene	98-82-8	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
m,p-Xylenes	179601-23-1	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Methyl acetate	79-20-9	BRL	0.00512	mg/kg	04.16.14 00.01	U	1

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Sample Id:	**SD-18B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-008	Date Collected:	04.11.14 10.26	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.47
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Methylcyclohexane	108-87-2	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Methylene chloride	75-09-2	BRL	0.0205	mg/kg	04.16.14 00.01	U	1
o-Xylene	95-47-6	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Styrene	100-42-5	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Tetrachloroethene	127-18-4	**0.0209**	0.00512	mg/kg	04.16.14 00.01		1
Toluene	108-88-3	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Trichloroethene	79-01-6	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00512	mg/kg	04.16.14 00.01	U	1
Vinyl chloride	75-01-4	BRL	0.00512	mg/kg	04.16.14 00.01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	133	%	50-150	04.16.14 00.01	
4-Bromofluorobenzene	460-00-4	92	%	57-158	04.16.14 00.01	
Toluene-D8	2037-26-5	98	%	50-150	04.16.14 00.01	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-18C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-009	Date Collected:	04.11.14 10.31	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.31
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0492	mg/kg	04.16.14 00.26	U	1
2-Hexanone	591-78-6	BRL	0.0492	mg/kg	04.16.14 00.26	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0492	mg/kg	04.16.14 00.26	U	1
Acetone	67-64-1	BRL	0.0492	mg/kg	04.16.14 00.26	U	1
Benzene	71-43-2	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Bromochloromethane	74-97-5	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Bromodichloromethane	75-27-4	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Bromoform	75-25-2	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Bromomethane	74-83-9	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Carbon disulfide	75-15-0	BRL	0.0197	mg/kg	04.16.14 00.26	U	1
Carbon tetrachloride	56-23-5	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Chlorobenzene	108-90-7	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Chloroethane	75-00-3	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Chloroform	67-66-3	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Chloromethane	74-87-3	BRL	0.00984	mg/kg	04.16.14 00.26	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Cyclohexane	110-82-7	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Dibromochloromethane	124-48-1	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Ethylbenzene	100-41-4	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Isopropylbenzene	98-82-8	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
m,p-Xylenes	179601-23-1	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Methyl acetate	79-20-9	BRL	0.00492	mg/kg	04.16.14 00.26	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-18C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-009	Date Collected:	04.11.14 10.31	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.31
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Methylcyclohexane	108-87-2	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Methylene chloride	75-09-2	BRL	0.0197	mg/kg	04.16.14 00.26	U	1
o-Xylene	95-47-6	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Styrene	100-42-5	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Tetrachloroethene	127-18-4	**0.0890**	0.00492	mg/kg	04.16.14 00.26		1
Toluene	108-88-3	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Trichloroethene	79-01-6	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00492	mg/kg	04.16.14 00.26	U	1
Vinyl chloride	75-01-4	BRL	0.00492	mg/kg	04.16.14 00.26	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	122	%	50-150	04.16.14 00.26	
4-Bromofluorobenzene	460-00-4	99	%	57-158	04.16.14 00.26	
Toluene-D8	2037-26-5	98	%	50-150	04.16.14 00.26	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-19A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-010	Date Collected:	04.11.14 10.59	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	18.46
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0450	mg/kg	04.16.14 00.51	U	1
2-Hexanone	591-78-6	BRL	0.0450	mg/kg	04.16.14 00.51	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0450	mg/kg	04.16.14 00.51	U	1
Acetone	67-64-1	BRL	0.0450	mg/kg	04.16.14 00.51	U	1
Benzene	71-43-2	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Bromochloromethane	74-97-5	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Bromodichloromethane	75-27-4	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Bromoform	75-25-2	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Bromomethane	74-83-9	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Carbon disulfide	75-15-0	BRL	0.0180	mg/kg	04.16.14 00.51	U	1
Carbon tetrachloride	56-23-5	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Chlorobenzene	108-90-7	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Chloroethane	75-00-3	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Chloroform	67-66-3	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Chloromethane	74-87-3	BRL	0.00900	mg/kg	04.16.14 00.51	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Cyclohexane	110-82-7	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Dibromochloromethane	124-48-1	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Ethylbenzene	100-41-4	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Isopropylbenzene	98-82-8	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
m,p-Xylenes	179601-23-1	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Methyl acetate	79-20-9	BRL	0.00450	mg/kg	04.16.14 00.51	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-19A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-010	Date Collected:	04.11.14 10.59	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	18.46
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Methylcyclohexane	108-87-2	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Methylene chloride	75-09-2	BRL	0.0180	mg/kg	04.16.14 00.51	U	1
o-Xylene	95-47-6	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Styrene	100-42-5	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Tetrachloroethene	127-18-4	**0.0586**	0.00450	mg/kg	04.16.14 00.51		1
Toluene	108-88-3	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Trichloroethene	79-01-6	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00450	mg/kg	04.16.14 00.51	U	1
Vinyl chloride	75-01-4	BRL	0.00450	mg/kg	04.16.14 00.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	115	%	50-150	04.16.14 00.51	
4-Bromofluorobenzene	460-00-4	102	%	57-158	04.16.14 00.51	
Toluene-D8	2037-26-5	96	%	50-150	04.16.14 00.51	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-19B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-011	Date Collected:	04.11.14 11.03	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	13.63
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0491	mg/kg	04.16.14 01.17	U	1
2-Hexanone	591-78-6	BRL	0.0491	mg/kg	04.16.14 01.17	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0491	mg/kg	04.16.14 01.17	U	1
Acetone	67-64-1	BRL	0.0491	mg/kg	04.16.14 01.17	U	1
Benzene	71-43-2	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Bromochloromethane	74-97-5	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Bromodichloromethane	75-27-4	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Bromoform	75-25-2	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Bromomethane	74-83-9	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Carbon disulfide	75-15-0	BRL	0.0197	mg/kg	04.16.14 01.17	U	1
Carbon tetrachloride	56-23-5	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Chlorobenzene	108-90-7	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Chloroethane	75-00-3	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Chloroform	67-66-3	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Chloromethane	74-87-3	BRL	0.00983	mg/kg	04.16.14 01.17	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Cyclohexane	110-82-7	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Dibromochloromethane	124-48-1	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Ethylbenzene	100-41-4	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Isopropylbenzene	98-82-8	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
m,p-Xylenes	179601-23-1	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Methyl acetate	79-20-9	BRL	0.00491	mg/kg	04.16.14 01.17	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-19B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-011	Date Collected:	04.11.14 11.03	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	13.63
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Methylcyclohexane	108-87-2	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Methylene chloride	75-09-2	BRL	0.0197	mg/kg	04.16.14 01.17	U	1
o-Xylene	95-47-6	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Styrene	100-42-5	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Tetrachloroethene	127-18-4	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Toluene	108-88-3	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Trichloroethene	79-01-6	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00491	mg/kg	04.16.14 01.17	U	1
Vinyl chloride	75-01-4	BRL	0.00491	mg/kg	04.16.14 01.17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	124	%	50-150	04.16.14 01.17	
4-Bromofluorobenzene	460-00-4	99	%	57-158	04.16.14 01.17	
Toluene-D8	2037-26-5	98	%	50-150	04.16.14 01.17	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-19C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-012	Date Collected:	04.11.14 11.07	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	21.89
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0586	mg/kg	04.16.14 01.42	U	1
2-Hexanone	591-78-6	BRL	0.0586	mg/kg	04.16.14 01.42	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0586	mg/kg	04.16.14 01.42	U	1
Acetone	67-64-1	BRL	0.0586	mg/kg	04.16.14 01.42	U	1
Benzene	71-43-2	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Bromochloromethane	74-97-5	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Bromodichloromethane	75-27-4	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Bromoform	75-25-2	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Bromomethane	74-83-9	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Carbon disulfide	75-15-0	BRL	0.0234	mg/kg	04.16.14 01.42	U	1
Carbon tetrachloride	56-23-5	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Chlorobenzene	108-90-7	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Chloroethane	75-00-3	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Chloroform	67-66-3	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Chloromethane	74-87-3	BRL	0.0117	mg/kg	04.16.14 01.42	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Cyclohexane	110-82-7	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Dibromochloromethane	124-48-1	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Ethylbenzene	100-41-4	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Isopropylbenzene	98-82-8	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
m,p-Xylenes	179601-23-1	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Methyl acetate	79-20-9	BRL	0.00586	mg/kg	04.16.14 01.42	U	1

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Imperial Cleaners

Sample Id:	**SD-19C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-012	Date Collected:	04.11.14 11.07	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	21.89
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Methylcyclohexane	108-87-2	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Methylene chloride	75-09-2	BRL	0.0234	mg/kg	04.16.14 01.42	U	1
o-Xylene	95-47-6	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Styrene	100-42-5	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Tetrachloroethene	127-18-4	**0.148**	0.00586	mg/kg	04.16.14 01.42		1
Toluene	108-88-3	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Trichloroethene	79-01-6	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00586	mg/kg	04.16.14 01.42	U	1
Vinyl chloride	75-01-4	BRL	0.00586	mg/kg	04.16.14 01.42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	124	%	50-150	04.16.14 01.42	
4-Bromofluorobenzene	460-00-4	104	%	57-158	04.16.14 01.42	
Toluene-D8	2037-26-5	99	%	50-150	04.16.14 01.42	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-20A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-013	Date Collected:	04.11.14 11.16	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	15.77
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0406	mg/kg	04.16.14 02.07	U	1
2-Hexanone	591-78-6	BRL	0.0406	mg/kg	04.16.14 02.07	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0406	mg/kg	04.16.14 02.07	U	1
Acetone	67-64-1	BRL	0.0406	mg/kg	04.16.14 02.07	U	1
Benzene	71-43-2	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Bromochloromethane	74-97-5	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Bromodichloromethane	75-27-4	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Bromoform	75-25-2	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Bromomethane	74-83-9	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Carbon disulfide	75-15-0	BRL	0.0162	mg/kg	04.16.14 02.07	U	1
Carbon tetrachloride	56-23-5	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Chlorobenzene	108-90-7	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Chloroethane	75-00-3	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Chloroform	67-66-3	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Chloromethane	74-87-3	BRL	0.00812	mg/kg	04.16.14 02.07	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Cyclohexane	110-82-7	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Dibromochloromethane	124-48-1	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Ethylbenzene	100-41-4	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Isopropylbenzene	98-82-8	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
m,p-Xylenes	179601-23-1	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Methyl acetate	79-20-9	BRL	0.00406	mg/kg	04.16.14 02.07	U	1

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Imperial Cleaners

Sample Id:	**SD-20A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-013	Date Collected:	04.11.14 11.16	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	15.77
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Methylcyclohexane	108-87-2	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Methylene chloride	75-09-2	BRL	0.0162	mg/kg	04.16.14 02.07	U	1
o-Xylene	95-47-6	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Styrene	100-42-5	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Tetrachloroethene	127-18-4	**0.0113**	0.00406	mg/kg	04.16.14 02.07		1
Toluene	108-88-3	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Trichloroethene	79-01-6	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00406	mg/kg	04.16.14 02.07	U	1
Vinyl chloride	75-01-4	BRL	0.00406	mg/kg	04.16.14 02.07	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	131	%	50-150	04.16.14 02.07	
4-Bromofluorobenzene	460-00-4	103	%	57-158	04.16.14 02.07	
Toluene-D8	2037-26-5	97	%	50-150	04.16.14 02.07	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-20B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-014	Date Collected:	04.11.14 11.19	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	13.29
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0526	mg/kg	04.16.14 02.32	U	1
2-Hexanone	591-78-6	BRL	0.0526	mg/kg	04.16.14 02.32	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0526	mg/kg	04.16.14 02.32	U	1
Acetone	67-64-1	BRL	0.0526	mg/kg	04.16.14 02.32	U	1
Benzene	71-43-2	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Bromochloromethane	74-97-5	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Bromodichloromethane	75-27-4	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Bromoform	75-25-2	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Bromomethane	74-83-9	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Carbon disulfide	75-15-0	BRL	0.0210	mg/kg	04.16.14 02.32	U	1
Carbon tetrachloride	56-23-5	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Chlorobenzene	108-90-7	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Chloroethane	75-00-3	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Chloroform	67-66-3	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Chloromethane	74-87-3	BRL	0.0105	mg/kg	04.16.14 02.32	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Cyclohexane	110-82-7	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Dibromochloromethane	124-48-1	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Ethylbenzene	100-41-4	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Isopropylbenzene	98-82-8	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
m,p-Xylenes	179601-23-1	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Methyl acetate	79-20-9	BRL	0.00526	mg/kg	04.16.14 02.32	U	1

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Contour Engineering, LLC, Kennesaw, GA

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Sample Id:	**SD-20B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-014	Date Collected:	04.11.14 11.19	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	13.29
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Methylcyclohexane	108-87-2	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Methylene chloride	75-09-2	BRL	0.0210	mg/kg	04.16.14 02.32	U	1
o-Xylene	95-47-6	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Styrene	100-42-5	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Tetrachloroethene	127-18-4	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Toluene	108-88-3	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Trichloroethene	79-01-6	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00526	mg/kg	04.16.14 02.32	U	1
Vinyl chloride	75-01-4	BRL	0.00526	mg/kg	04.16.14 02.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	129	%	50-150	04.16.14 02.32	
4-Bromofluorobenzene	460-00-4	95	%	57-158	04.16.14 02.32	
Toluene-D8	2037-26-5	100	%	50-150	04.16.14 02.32	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-20C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-015	Date Collected:	04.11.14 11.24	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	19.06
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0505	mg/kg	04.16.14 02.57	U	1
2-Hexanone	591-78-6	BRL	0.0505	mg/kg	04.16.14 02.57	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0505	mg/kg	04.16.14 02.57	U	1
Acetone	67-64-1	BRL	0.0505	mg/kg	04.16.14 02.57	U	1
Benzene	71-43-2	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Bromochloromethane	74-97-5	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Bromodichloromethane	75-27-4	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Bromoform	75-25-2	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Bromomethane	74-83-9	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Carbon disulfide	75-15-0	BRL	0.0202	mg/kg	04.16.14 02.57	U	1
Carbon tetrachloride	56-23-5	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Chlorobenzene	108-90-7	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Chloroethane	75-00-3	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Chloroform	67-66-3	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Chloromethane	74-87-3	BRL	0.0101	mg/kg	04.16.14 02.57	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Cyclohexane	110-82-7	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Dibromochloromethane	124-48-1	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Ethylbenzene	100-41-4	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Isopropylbenzene	98-82-8	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
m,p-Xylenes	179601-23-1	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Methyl acetate	79-20-9	BRL	0.00505	mg/kg	04.16.14 02.57	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-20C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-015	Date Collected:	04.11.14 11.24	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	19.06
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Methylcyclohexane	108-87-2	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Methylene chloride	75-09-2	BRL	0.0202	mg/kg	04.16.14 02.57	U	1
o-Xylene	95-47-6	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Styrene	100-42-5	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Tetrachloroethene	127-18-4	**0.899**	0.264	mg/kg	04.17.14 00.24	D	50
Toluene	108-88-3	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Trichloroethene	79-01-6	**0.00752**	0.00505	mg/kg	04.16.14 02.57		1
Trichlorofluoromethane	75-69-4	BRL	0.00505	mg/kg	04.16.14 02.57	U	1
Vinyl chloride	75-01-4	BRL	0.00505	mg/kg	04.16.14 02.57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	122	%	50-150	04.16.14 02.57	
4-Bromofluorobenzene	460-00-4	98	%	57-158	04.16.14 02.57	
Toluene-D8	2037-26-5	97	%	50-150	04.16.14 02.57	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-21A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-016	Date Collected:	04.11.14 11.29	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.77
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0510	mg/kg	04.16.14 03.22	U	1
2-Hexanone	591-78-6	BRL	0.0510	mg/kg	04.16.14 03.22	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0510	mg/kg	04.16.14 03.22	U	1
Acetone	67-64-1	BRL	0.0510	mg/kg	04.16.14 03.22	U	1
Benzene	71-43-2	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Bromochloromethane	74-97-5	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Bromodichloromethane	75-27-4	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Bromoform	75-25-2	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Bromomethane	74-83-9	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Carbon disulfide	75-15-0	BRL	0.0204	mg/kg	04.16.14 03.22	U	1
Carbon tetrachloride	56-23-5	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Chlorobenzene	108-90-7	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Chloroethane	75-00-3	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Chloroform	67-66-3	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Chloromethane	74-87-3	BRL	0.0102	mg/kg	04.16.14 03.22	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Cyclohexane	110-82-7	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Dibromochloromethane	124-48-1	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Ethylbenzene	100-41-4	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Isopropylbenzene	98-82-8	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
m,p-Xylenes	179601-23-1	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Methyl acetate	79-20-9	BRL	0.00510	mg/kg	04.16.14 03.22	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-21A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-016	Date Collected:	04.11.14 11.29	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.77
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Methylcyclohexane	108-87-2	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Methylene chloride	75-09-2	BRL	0.0204	mg/kg	04.16.14 03.22	U	1
o-Xylene	95-47-6	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Styrene	100-42-5	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Tetrachloroethene	127-18-4	**0.00607**	0.00510	mg/kg	04.16.14 03.22		1
Toluene	108-88-3	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Trichloroethene	79-01-6	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00510	mg/kg	04.16.14 03.22	U	1
Vinyl chloride	75-01-4	BRL	0.00510	mg/kg	04.16.14 03.22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	129	%	50-150	04.16.14 03.22	
4-Bromofluorobenzene	460-00-4	99	%	57-158	04.16.14 03.22	
Toluene-D8	2037-26-5	104	%	50-150	04.16.14 03.22	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-21B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-017	Date Collected:	04.11.14 11.32	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	14.7
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0480	mg/kg	04.16.14 03.47	U	1
2-Hexanone	591-78-6	BRL	0.0480	mg/kg	04.16.14 03.47	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0480	mg/kg	04.16.14 03.47	U	1
Acetone	67-64-1	BRL	0.0480	mg/kg	04.16.14 03.47	U	1
Benzene	71-43-2	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Bromochloromethane	74-97-5	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Bromodichloromethane	75-27-4	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Bromoform	75-25-2	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Bromomethane	74-83-9	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Carbon disulfide	75-15-0	BRL	0.0192	mg/kg	04.16.14 03.47	U	1
Carbon tetrachloride	56-23-5	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Chlorobenzene	108-90-7	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Chloroethane	75-00-3	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Chloroform	67-66-3	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Chloromethane	74-87-3	BRL	0.00961	mg/kg	04.16.14 03.47	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Cyclohexane	110-82-7	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Dibromochloromethane	124-48-1	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Ethylbenzene	100-41-4	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Isopropylbenzene	98-82-8	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
m,p-Xylenes	179601-23-1	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Methyl acetate	79-20-9	BRL	0.00480	mg/kg	04.16.14 03.47	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-21B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-017	Date Collected:	04.11.14 11.32	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	14.7
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Methylcyclohexane	108-87-2	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Methylene chloride	75-09-2	BRL	0.0192	mg/kg	04.16.14 03.47	U	1
o-Xylene	95-47-6	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Styrene	100-42-5	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Tetrachloroethene	127-18-4	**0.00661**	0.00480	mg/kg	04.16.14 03.47		1
Toluene	108-88-3	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Trichloroethene	79-01-6	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00480	mg/kg	04.16.14 03.47	U	1
Vinyl chloride	75-01-4	BRL	0.00480	mg/kg	04.16.14 03.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	130	%	50-150	04.16.14 03.47	
4-Bromofluorobenzene	460-00-4	95	%	57-158	04.16.14 03.47	
Toluene-D8	2037-26-5	99	%	50-150	04.16.14 03.47	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-21C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-018	Date Collected:	04.11.14 11.37	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.45
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0465	mg/kg	04.16.14 04.12	U	1
2-Hexanone	591-78-6	BRL	0.0465	mg/kg	04.16.14 04.12	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0465	mg/kg	04.16.14 04.12	U	1
Acetone	67-64-1	BRL	0.0465	mg/kg	04.16.14 04.12	U	1
Benzene	71-43-2	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Bromochloromethane	74-97-5	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Bromodichloromethane	75-27-4	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Bromoform	75-25-2	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Bromomethane	74-83-9	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Carbon disulfide	75-15-0	BRL	0.0186	mg/kg	04.16.14 04.12	U	1
Carbon tetrachloride	56-23-5	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Chlorobenzene	108-90-7	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Chloroethane	75-00-3	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Chloroform	67-66-3	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Chloromethane	74-87-3	BRL	0.00931	mg/kg	04.16.14 04.12	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Cyclohexane	110-82-7	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Dibromochloromethane	124-48-1	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Ethylbenzene	100-41-4	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Isopropylbenzene	98-82-8	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
m,p-Xylenes	179601-23-1	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Methyl acetate	79-20-9	BRL	0.00465	mg/kg	04.16.14 04.12	U	1

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Sample Id:	**SD-21C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-018	Date Collected:	04.11.14 11.37	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	16.45
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Methylcyclohexane	108-87-2	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Methylene chloride	75-09-2	BRL	0.0186	mg/kg	04.16.14 04.12	U	1
o-Xylene	95-47-6	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Styrene	100-42-5	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Tetrachloroethene	127-18-4	**0.144**	0.00465	mg/kg	04.16.14 04.12		1
Toluene	108-88-3	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Trichloroethene	79-01-6	**0.00465**	0.00465	mg/kg	04.16.14 04.12		1
Trichlorofluoromethane	75-69-4	BRL	0.00465	mg/kg	04.16.14 04.12	U	1
Vinyl chloride	75-01-4	BRL	0.00465	mg/kg	04.16.14 04.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	129	%	50-150	04.16.14 04.12	
4-Bromofluorobenzene	460-00-4	90	%	57-158	04.16.14 04.12	
Toluene-D8	2037-26-5	98	%	50-150	04.16.14 04.12	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-22A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-019	Date Collected:	04.11.14 11.41	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	14.67
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0529	mg/kg	04.16.14 04.37	U	1
2-Hexanone	591-78-6	BRL	0.0529	mg/kg	04.16.14 04.37	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0529	mg/kg	04.16.14 04.37	U	1
Acetone	67-64-1	BRL	0.0529	mg/kg	04.16.14 04.37	U	1
Benzene	71-43-2	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Bromochloromethane	74-97-5	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Bromodichloromethane	75-27-4	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Bromoform	75-25-2	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Bromomethane	74-83-9	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Carbon disulfide	75-15-0	BRL	0.0212	mg/kg	04.16.14 04.37	U	1
Carbon tetrachloride	56-23-5	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Chlorobenzene	108-90-7	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Chloroethane	75-00-3	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Chloroform	67-66-3	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Chloromethane	74-87-3	BRL	0.0106	mg/kg	04.16.14 04.37	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Cyclohexane	110-82-7	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Dibromochloromethane	124-48-1	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Ethylbenzene	100-41-4	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Isopropylbenzene	98-82-8	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
m,p-Xylenes	179601-23-1	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Methyl acetate	79-20-9	BRL	0.00529	mg/kg	04.16.14 04.37	U	1

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Sample Id:	**SD-22A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-019	Date Collected:	04.11.14 11.41	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	14.67
Analyst:	DSE	Date Prep:	04.15.14 17.46	Basis:	Dry Weight
Seq Number:	938704				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Methylcyclohexane	108-87-2	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Methylene chloride	75-09-2	BRL	0.0212	mg/kg	04.16.14 04.37	U	1
o-Xylene	95-47-6	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Styrene	100-42-5	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Tetrachloroethene	127-18-4	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Toluene	108-88-3	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Trichloroethene	79-01-6	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00529	mg/kg	04.16.14 04.37	U	1
Vinyl chloride	75-01-4	BRL	0.00529	mg/kg	04.16.14 04.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	132	%	50-150	04.16.14 04.37	
4-Bromofluorobenzene	460-00-4	99	%	57-158	04.16.14 04.37	
Toluene-D8	2037-26-5	101	%	50-150	04.16.14 04.37	

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Contour Engineering, LLC, Kennesaw, GA

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Sample Id:	**SD-22B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-020	Date Collected:	04.11.14 11.43	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	15.24
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0530	mg/kg	04.16.14 14.03	U	1
2-Hexanone	591-78-6	BRL	0.0530	mg/kg	04.16.14 14.03	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0530	mg/kg	04.16.14 14.03	U	1
Acetone	67-64-1	BRL	0.0530	mg/kg	04.16.14 14.03	U	1
Benzene	71-43-2	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Bromochloromethane	74-97-5	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Bromodichloromethane	75-27-4	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Bromoform	75-25-2	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Bromomethane	74-83-9	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Carbon disulfide	75-15-0	BRL	0.0212	mg/kg	04.16.14 14.03	U	1
Carbon tetrachloride	56-23-5	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Chlorobenzene	108-90-7	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Chloroethane	75-00-3	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Chloroform	67-66-3	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Chloromethane	74-87-3	BRL	0.0106	mg/kg	04.16.14 14.03	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Cyclohexane	110-82-7	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Dibromochloromethane	124-48-1	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Ethylbenzene	100-41-4	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Isopropylbenzene	98-82-8	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
m,p-Xylenes	179601-23-1	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Methyl acetate	79-20-9	BRL	0.00530	mg/kg	04.16.14 14.03	U	1

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Sample Id:	**SD-22B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-020	Date Collected:	04.11.14 11.43	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	15.24
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Methylcyclohexane	108-87-2	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Methylene chloride	75-09-2	BRL	0.0212	mg/kg	04.16.14 14.03	U	1
o-Xylene	95-47-6	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Styrene	100-42-5	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Tetrachloroethene	127-18-4	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Toluene	108-88-3	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Trichloroethene	79-01-6	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00530	mg/kg	04.16.14 14.03	U	1
Vinyl chloride	75-01-4	BRL	0.00530	mg/kg	04.16.14 14.03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	123	%	50-150	04.16.14 14.03	
4-Bromofluorobenzene	460-00-4	103	%	57-158	04.16.14 14.03	
Toluene-D8	2037-26-5	100	%	50-150	04.16.14 14.03	

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Sample Id:	**SD-22C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-021	Date Collected:	04.11.14 11.48	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	21.22
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0492	mg/kg	04.16.14 11.08	U	1
2-Hexanone	591-78-6	BRL	0.0492	mg/kg	04.16.14 11.08	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0492	mg/kg	04.16.14 11.08	U	1
Acetone	67-64-1	BRL	0.0492	mg/kg	04.16.14 11.08	U	1
Benzene	71-43-2	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Bromochloromethane	74-97-5	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Bromodichloromethane	75-27-4	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Bromoform	75-25-2	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Bromomethane	74-83-9	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Carbon disulfide	75-15-0	BRL	0.0197	mg/kg	04.16.14 11.08	U	1
Carbon tetrachloride	56-23-5	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Chlorobenzene	108-90-7	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Chloroethane	75-00-3	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Chloroform	67-66-3	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Chloromethane	74-87-3	BRL	0.00984	mg/kg	04.16.14 11.08	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Cyclohexane	110-82-7	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Dibromochloromethane	124-48-1	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Ethylbenzene	100-41-4	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Isopropylbenzene	98-82-8	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
m,p-Xylenes	179601-23-1	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Methyl acetate	79-20-9	BRL	0.00492	mg/kg	04.16.14 11.08	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-22C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-021	Date Collected:	04.11.14 11.48	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	21.22
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Methylcyclohexane	108-87-2	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Methylene chloride	75-09-2	BRL	0.0197	mg/kg	04.16.14 11.08	U	1
o-Xylene	95-47-6	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Styrene	100-42-5	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Tetrachloroethene	127-18-4	**1.63**	0.209	mg/kg	04.17.14 00.51	D	50
Toluene	108-88-3	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Trichloroethene	79-01-6	**0.00706**	0.00492	mg/kg	04.16.14 11.08		1
Trichlorofluoromethane	75-69-4	BRL	0.00492	mg/kg	04.16.14 11.08	U	1
Vinyl chloride	75-01-4	BRL	0.00492	mg/kg	04.16.14 11.08	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	114	%	50-150	04.16.14 11.08	
4-Bromofluorobenzene	460-00-4	102	%	57-158	04.16.14 11.08	
Toluene-D8	2037-26-5	99	%	50-150	04.16.14 11.08	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-23A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-022	Date Collected:	04.11.14 12.38	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	13.64
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0787	mg/kg	04.16.14 11.33	U	1
2-Hexanone	591-78-6	BRL	0.0787	mg/kg	04.16.14 11.33	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0787	mg/kg	04.16.14 11.33	U	1
Acetone	67-64-1	BRL	0.0787	mg/kg	04.16.14 11.33	U	1
Benzene	71-43-2	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Bromochloromethane	74-97-5	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Bromodichloromethane	75-27-4	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Bromoform	75-25-2	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Bromomethane	74-83-9	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Carbon disulfide	75-15-0	BRL	0.0315	mg/kg	04.16.14 11.33	U	1
Carbon tetrachloride	56-23-5	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Chlorobenzene	108-90-7	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Chloroethane	75-00-3	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Chloroform	67-66-3	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Chloromethane	74-87-3	BRL	0.0157	mg/kg	04.16.14 11.33	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Cyclohexane	110-82-7	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Dibromochloromethane	124-48-1	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Ethylbenzene	100-41-4	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Isopropylbenzene	98-82-8	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
m,p-Xylenes	179601-23-1	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Methyl acetate	79-20-9	BRL	0.00787	mg/kg	04.16.14 11.33	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-23A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-022	Date Collected:	04.11.14 12.38	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	13.64
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Methylcyclohexane	108-87-2	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Methylene chloride	75-09-2	BRL	0.0315	mg/kg	04.16.14 11.33	U	1
o-Xylene	95-47-6	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Styrene	100-42-5	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Tetrachloroethene	127-18-4	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Toluene	108-88-3	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Trichloroethene	79-01-6	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00787	mg/kg	04.16.14 11.33	U	1
Vinyl chloride	75-01-4	BRL	0.00787	mg/kg	04.16.14 11.33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	122	%	50-150	04.16.14 11.33	
4-Bromofluorobenzene	460-00-4	99	%	57-158	04.16.14 11.33	
Toluene-D8	2037-26-5	99	%	50-150	04.16.14 11.33	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-23B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-023	Date Collected:	04.11.14 12.41	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	17.79
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0566	mg/kg	04.16.14 11.58	U	1
2-Hexanone	591-78-6	BRL	0.0566	mg/kg	04.16.14 11.58	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0566	mg/kg	04.16.14 11.58	U	1
Acetone	67-64-1	BRL	0.0566	mg/kg	04.16.14 11.58	U	1
Benzene	71-43-2	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Bromochloromethane	74-97-5	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Bromodichloromethane	75-27-4	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Bromoform	75-25-2	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Bromomethane	74-83-9	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Carbon disulfide	75-15-0	BRL	0.0227	mg/kg	04.16.14 11.58	U	1
Carbon tetrachloride	56-23-5	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Chlorobenzene	108-90-7	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Chloroethane	75-00-3	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Chloroform	67-66-3	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Chloromethane	74-87-3	BRL	0.0113	mg/kg	04.16.14 11.58	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Cyclohexane	110-82-7	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Dibromochloromethane	124-48-1	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Ethylbenzene	100-41-4	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Isopropylbenzene	98-82-8	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
m,p-Xylenes	179601-23-1	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Methyl acetate	79-20-9	BRL	0.00566	mg/kg	04.16.14 11.58	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-23B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-023	Date Collected:	04.11.14 12.41	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	17.79
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Methylcyclohexane	108-87-2	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Methylene chloride	75-09-2	BRL	0.0227	mg/kg	04.16.14 11.58	U	1
o-Xylene	95-47-6	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Styrene	100-42-5	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Tetrachloroethene	127-18-4	**0.0479**	0.00566	mg/kg	04.16.14 11.58		1
Toluene	108-88-3	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Trichloroethene	79-01-6	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00566	mg/kg	04.16.14 11.58	U	1
Vinyl chloride	75-01-4	BRL	0.00566	mg/kg	04.16.14 11.58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	126	%	50-150	04.16.14 11.58	
4-Bromofluorobenzene	460-00-4	103	%	57-158	04.16.14 11.58	
Toluene-D8	2037-26-5	98	%	50-150	04.16.14 11.58	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-23C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-024	Date Collected:	04.11.14 12.45	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	22.98
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0639	mg/kg	04.16.14 12.23	U	1
2-Hexanone	591-78-6	BRL	0.0639	mg/kg	04.16.14 12.23	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0639	mg/kg	04.16.14 12.23	U	1
Acetone	67-64-1	BRL	0.0639	mg/kg	04.16.14 12.23	U	1
Benzene	71-43-2	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Bromochloromethane	74-97-5	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Bromodichloromethane	75-27-4	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Bromoform	75-25-2	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Bromomethane	74-83-9	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Carbon disulfide	75-15-0	BRL	0.0256	mg/kg	04.16.14 12.23	U	1
Carbon tetrachloride	56-23-5	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Chlorobenzene	108-90-7	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Chloroethane	75-00-3	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Chloroform	67-66-3	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Chloromethane	74-87-3	BRL	0.0128	mg/kg	04.16.14 12.23	U	1
cis-1,2-Dichloroethene	156-59-2	**0.0312**	0.00639	mg/kg	04.16.14 12.23		1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Cyclohexane	110-82-7	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Dibromochloromethane	124-48-1	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Ethylbenzene	100-41-4	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Isopropylbenzene	98-82-8	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
m,p-Xylenes	179601-23-1	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Methyl acetate	79-20-9	BRL	0.00639	mg/kg	04.16.14 12.23	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-23C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-024	Date Collected:	04.11.14 12.45	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	22.98
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Methylcyclohexane	108-87-2	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Methylene chloride	75-09-2	BRL	0.0256	mg/kg	04.16.14 12.23	U	1
o-Xylene	95-47-6	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Styrene	100-42-5	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Tetrachloroethene	127-18-4	**3.68**	0.266	mg/kg	04.17.14 01.19	D	50
Toluene	108-88-3	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Trichloroethene	79-01-6	**0.103**	0.00639	mg/kg	04.16.14 12.23		1
Trichlorofluoromethane	75-69-4	BRL	0.00639	mg/kg	04.16.14 12.23	U	1
Vinyl chloride	75-01-4	BRL	0.00639	mg/kg	04.16.14 12.23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	120	%	50-150	04.16.14 12.23	
4-Bromofluorobenzene	460-00-4	100	%	57-158	04.16.14 12.23	
Toluene-D8	2037-26-5	96	%	50-150	04.16.14 12.23	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-24A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-025	Date Collected:	04.11.14 12.54	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	15.83
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0548	mg/kg	04.16.14 12.48	U	1
2-Hexanone	591-78-6	BRL	0.0548	mg/kg	04.16.14 12.48	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0548	mg/kg	04.16.14 12.48	U	1
Acetone	67-64-1	BRL	0.0548	mg/kg	04.16.14 12.48	U	1
Benzene	71-43-2	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Bromochloromethane	74-97-5	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Bromodichloromethane	75-27-4	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Bromoform	75-25-2	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Bromomethane	74-83-9	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Carbon disulfide	75-15-0	BRL	0.0219	mg/kg	04.16.14 12.48	U	1
Carbon tetrachloride	56-23-5	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Chlorobenzene	108-90-7	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Chloroethane	75-00-3	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Chloroform	67-66-3	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Chloromethane	74-87-3	BRL	0.0110	mg/kg	04.16.14 12.48	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Cyclohexane	110-82-7	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Dibromochloromethane	124-48-1	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Ethylbenzene	100-41-4	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Isopropylbenzene	98-82-8	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
m,p-Xylenes	179601-23-1	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Methyl acetate	79-20-9	BRL	0.00548	mg/kg	04.16.14 12.48	U	1

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Imperial Cleaners

Sample Id:	**SD-24A**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-025	Date Collected:	04.11.14 12.54	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	15.83
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Methylcyclohexane	108-87-2	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Methylene chloride	75-09-2	BRL	0.0219	mg/kg	04.16.14 12.48	U	1
o-Xylene	95-47-6	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Styrene	100-42-5	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Tetrachloroethene	127-18-4	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Toluene	108-88-3	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Trichloroethene	79-01-6	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00548	mg/kg	04.16.14 12.48	U	1
Vinyl chloride	75-01-4	BRL	0.00548	mg/kg	04.16.14 12.48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	121	%	50-150	04.16.14 12.48	
4-Bromofluorobenzene	460-00-4	104	%	57-158	04.16.14 12.48	
Toluene-D8	2037-26-5	99	%	50-150	04.16.14 12.48	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-24B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-026	Date Collected:	04.11.14 12.59	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	20.32
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0435	mg/kg	04.16.14 13.13	U	1
2-Hexanone	591-78-6	BRL	0.0435	mg/kg	04.16.14 13.13	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0435	mg/kg	04.16.14 13.13	U	1
Acetone	67-64-1	BRL	0.0435	mg/kg	04.16.14 13.13	U	1
Benzene	71-43-2	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Bromochloromethane	74-97-5	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Bromodichloromethane	75-27-4	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Bromoform	75-25-2	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Bromomethane	74-83-9	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Carbon disulfide	75-15-0	BRL	0.0174	mg/kg	04.16.14 13.13	U	1
Carbon tetrachloride	56-23-5	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Chlorobenzene	108-90-7	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Chloroethane	75-00-3	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Chloroform	67-66-3	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Chloromethane	74-87-3	BRL	0.00869	mg/kg	04.16.14 13.13	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Cyclohexane	110-82-7	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Dibromochloromethane	124-48-1	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Ethylbenzene	100-41-4	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Isopropylbenzene	98-82-8	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
m,p-Xylenes	179601-23-1	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Methyl acetate	79-20-9	BRL	0.00435	mg/kg	04.16.14 13.13	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-24B**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-026	Date Collected:	04.11.14 12.59	Sample Depth:	8 - 10 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	20.32
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Methylcyclohexane	108-87-2	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Methylene chloride	75-09-2	BRL	0.0174	mg/kg	04.16.14 13.13	U	1
o-Xylene	95-47-6	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Styrene	100-42-5	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Tetrachloroethene	127-18-4	**0.0235**	0.00435	mg/kg	04.16.14 13.13		1
Toluene	108-88-3	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Trichloroethene	79-01-6	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00435	mg/kg	04.16.14 13.13	U	1
Vinyl chloride	75-01-4	BRL	0.00435	mg/kg	04.16.14 13.13	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	129	%	50-150	04.16.14 13.13	
4-Bromofluorobenzene	460-00-4	99	%	57-158	04.16.14 13.13	
Toluene-D8	2037-26-5	99	%	50-150	04.16.14 13.13	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-24C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-027	Date Collected:	04.11.14 13.04	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	13.61
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0442	mg/kg	04.16.14 13.38	U	1
2-Hexanone	591-78-6	BRL	0.0442	mg/kg	04.16.14 13.38	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0442	mg/kg	04.16.14 13.38	U	1
Acetone	67-64-1	**0.0792**	0.0442	mg/kg	04.16.14 13.38		1
Benzene	71-43-2	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Bromochloromethane	74-97-5	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Bromodichloromethane	75-27-4	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Bromoform	75-25-2	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Bromomethane	74-83-9	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Carbon disulfide	75-15-0	BRL	0.0177	mg/kg	04.16.14 13.38	U	1
Carbon tetrachloride	56-23-5	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Chlorobenzene	108-90-7	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Chloroethane	75-00-3	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Chloroform	67-66-3	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Chloromethane	74-87-3	BRL	0.00884	mg/kg	04.16.14 13.38	U	1
cis-1,2-Dichloroethene	156-59-2	**0.00833**	0.00442	mg/kg	04.16.14 13.38		1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Cyclohexane	110-82-7	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Dibromochloromethane	124-48-1	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Ethylbenzene	100-41-4	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Isopropylbenzene	98-82-8	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
m,p-Xylenes	179601-23-1	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Methyl acetate	79-20-9	BRL	0.00442	mg/kg	04.16.14 13.38	U	1

Certificate of Analytical Results 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id:	**SD-24C**	Matrix:	Soil	Date Received:	04.12.14 10.10
Lab Sample Id:	483267-027	Date Collected:	04.11.14 13.04	Sample Depth:	18 - 20 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	4124			% Moisture:	13.61
Analyst:	MLA	Date Prep:	04.16.14 07.50	Basis:	Dry Weight
Seq Number:	938777				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Methylcyclohexane	108-87-2	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Methylene chloride	75-09-2	BRL	0.0177	mg/kg	04.16.14 13.38	U	1
o-Xylene	95-47-6	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Styrene	100-42-5	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Tetrachloroethene	127-18-4	**0.0650**	0.00442	mg/kg	04.16.14 13.38		1
Toluene	108-88-3	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
trans-1,2-Dichloroethene	156-60-5	**0.0235**	0.00442	mg/kg	04.16.14 13.38		1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Trichloroethene	79-01-6	**0.122**	0.00442	mg/kg	04.16.14 13.38		1
Trichlorofluoromethane	75-69-4	BRL	0.00442	mg/kg	04.16.14 13.38	U	1
Vinyl chloride	75-01-4	BRL	0.00442	mg/kg	04.16.14 13.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	110	%	50-150	04.16.14 13.38	
4-Bromofluorobenzene	460-00-4	100	%	57-158	04.16.14 13.38	
Toluene-D8	2037-26-5	97	%	50-150	04.16.14 13.38	

Certificate of Analytical Results 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **Trip Blank** Matrix: Water Date Received:04.12.14 10.10

Lab Sample Id: 483267-028 Date Collected: 04.11.14 00.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 04.15.14 06.53

Seq Number: 938691

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,1,2-Trichloroethane	79-00-5	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,1-Dichloroethane	75-34-3	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,1-Dichloroethene	75-35-4	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,2-Dichlorobenzene	95-50-1	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,2-Dichloroethane	107-06-2	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,2-Dichloropropane	78-87-5	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,3-Dichlorobenzene	541-73-1	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,4-Dichlorobenzene	106-46-7	BRL	1.00	ug/L	04.15.14 14.30	U	1
1,4-Dioxane	123-91-1	BRL	20.0	ug/L	04.15.14 14.30	U	1
2-Butanone (MEK)	78-93-3	BRL	2.00	ug/L	04.15.14 14.30	U	1
2-Hexanone	591-78-6	BRL	2.00	ug/L	04.15.14 14.30	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2.00	ug/L	04.15.14 14.30	U	1
Acetone	67-64-1	BRL	2.00	ug/L	04.15.14 14.30	U	1
Benzene	71-43-2	BRL	1.00	ug/L	04.15.14 14.30	U	1
Bromodichloromethane	75-27-4	BRL	1.00	ug/L	04.15.14 14.30	U	1
Bromoform	75-25-2	BRL	1.00	ug/L	04.15.14 14.30	U	1
Bromomethane	74-83-9	BRL	1.00	ug/L	04.15.14 14.30	U	1
Carbon disulfide	75-15-0	BRL	1.00	ug/L	04.15.14 14.30	U	1
Carbon tetrachloride	56-23-5	BRL	1.00	ug/L	04.15.14 14.30	U	1
Chlorobenzene	108-90-7	BRL	1.00	ug/L	04.15.14 14.30	U	1
Chloroethane	75-00-3	BRL	1.00	ug/L	04.15.14 14.30	U	1
Chloroform	67-66-3	BRL	1.00	ug/L	04.15.14 14.30	U	1
Chloromethane	74-87-3	BRL	1.00	ug/L	04.15.14 14.30	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	1.00	ug/L	04.15.14 14.30	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	1.00	ug/L	04.15.14 14.30	U	1
Cyclohexane	110-82-7	BRL	1.00	ug/L	04.15.14 14.30	U	1
Dibromochloromethane	124-48-1	BRL	1.00	ug/L	04.15.14 14.30	U	1
Dichlorodifluoromethane	75-71-8	BRL	1.00	ug/L	04.15.14 14.30	U	1
Ethylbenzene	100-41-4	BRL	1.00	ug/L	04.15.14 14.30	U	1
Isopropylbenzene	98-82-8	BRL	1.00	ug/L	04.15.14 14.30	U	1
m,p-Xylenes	179601-23-1	BRL	2.00	ug/L	04.15.14 14.30	U	1
Methyl acetate	79-20-9	BRL	2.00	ug/L	04.15.14 14.30	U	1

Certificate of Analytical Results 483267

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners

Sample Id: **Trip Blank** Matrix: Water Date Received:04.12.14 10.10

Lab Sample Id: 483267-028 Date Collected: 04.11.14 00.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: MWE % Moisture:

Analyst: MLA Date Prep: 04.15.14 06.53

Seq Number: 938691

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	2.00	ug/L	04.15.14 14.30	U	1
Methylcyclohexane	108-87-2	BRL	1.00	ug/L	04.15.14 14.30	U	1
Methylene chloride	75-09-2	BRL	1.00	ug/L	04.15.14 14.30	U	1
o-Xylene	95-47-6	BRL	1.00	ug/L	04.15.14 14.30	U	1
Styrene	100-42-5	BRL	1.00	ug/L	04.15.14 14.30	U	1
Tetrachloroethene	127-18-4	BRL	1.00	ug/L	04.15.14 14.30	U	1
Toluene	108-88-3	BRL	1.00	ug/L	04.15.14 14.30	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	1.00	ug/L	04.15.14 14.30	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	1.00	ug/L	04.15.14 14.30	U	1
Trichloroethene	79-01-6	BRL	1.00	ug/L	04.15.14 14.30	U	1
Trichlorofluoromethane	75-69-4	BRL	1.00	ug/L	04.15.14 14.30	U	1
Vinyl chloride	75-01-4	BRL	1.00	ug/L	04.15.14 14.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	127	%	53-159	04.15.14 14.30	
4-Bromofluorobenzene	460-00-4	103	%	30-186	04.15.14 14.30	
Toluene-D8	2037-26-5	107	%	70-130	04.15.14 14.30	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **Percent Moisture**
Seq Number: 938555 Matrix: Soil
Parent Sample Id: 483221-001 MD Sample Id: 483221-001 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	22.4	23.5	5	20	%	04.14.14 15:00	

Analytical Method: **Percent Moisture**
Seq Number: 938555 Matrix: Soil
Parent Sample Id: 483240-003 MD Sample Id: 483240-003 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	6.03	6.17	2	20	%	04.14.14 15:00	

Analytical Method: **Percent Moisture**
Seq Number: 938555 Matrix: Soil
Parent Sample Id: 483263-009 MD Sample Id: 483263-009 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	22.4	22.5	0	20	%	04.14.14 15:00	

Analytical Method: **Percent Moisture**
Seq Number: 938555 Matrix: Soil
Parent Sample Id: 483264-009 MD Sample Id: 483264-009 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	11.8	14.0	17	20	%	04.14.14 15:00	

Analytical Method: **Percent Moisture**
Seq Number: 938555 Matrix: Soil
Parent Sample Id: 483265-009 MD Sample Id: 483265-009 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	31.1	31.7	2	20	%	04.14.14 15:00	

Analytical Method: **Percent Moisture**
Seq Number: 938555 Matrix: Soil
Parent Sample Id: 483267-002 MD Sample Id: 483267-002 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	17.8	18.1	2	20	%	04.14.14 15:00	

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **Percent Moisture**
Seq Number: 938555 Matrix: Soil
Parent Sample Id: 483267-012 MD Sample Id: 483267-012 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	21.9	22.0	0	20	%	04.14.14 15:00	

Analytical Method: **Percent Moisture**
Seq Number: 938555 Matrix: Soil
Parent Sample Id: 483267-022 MD Sample Id: 483267-022 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	13.6	14.0	3	20	%	04.14.14 15:00	

Analytical Method: **Percent Moisture**
Seq Number: 938555 Matrix: Soil
Parent Sample Id: 483269-001 MD Sample Id: 483269-001 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	19.7	18.4	7	20	%	04.14.14 15:00	

Analytical Method: **Percent Moisture**
Seq Number: 938555 Matrix: Soil
Parent Sample Id: 483271-004 MD Sample Id: 483271-004 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	34.1	32.0	6	20	%	04.14.14 15:00	

Analytical Method: **Percent Moisture**
Seq Number: 938555 Matrix: Soil
Parent Sample Id: 483271-016 MD Sample Id: 483271-016 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	14.2	15.1	6	20	%	04.14.14 15:00	

QC Summary 483267

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 938691 Matrix: Water Date Prep: 04.15.14

MB Sample Id: 654036-1-BLK LCS Sample Id: 654036-1-BKS LCSD Sample Id: 654036-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.160	50.0	56.1	112	56.0	112	65-130	0	20	ug/L	04.15.14 07:39	
1,1,2,2-Tetrachloroethane	<0.180	50.0	48.0	96	46.7	93	65-130	3	20	ug/L	04.15.14 07:39	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.110	50.0	57.3	115	56.7	113	65-130	1	20	ug/L	04.15.14 07:39	
1,1,2-Trichloroethane	<0.250	50.0	49.4	99	49.0	98	75-125	1	20	ug/L	04.15.14 07:39	
1,1-Dichloroethane	<0.110	50.0	55.0	110	57.4	115	70-135	4	20	ug/L	04.15.14 07:39	
1,1-Dichloroethene	<0.200	50.0	54.5	109	56.7	113	70-130	4	20	ug/L	04.15.14 07:39	
1,2,3-Trichlorobenzene	<0.250	50.0	44.1	88	45.1	90	55-140	2	20	ug/L	04.15.14 07:39	
1,2,4-Trichlorobenzene	<0.170	50.0	43.4	87	45.6	91	65-135	5	20	ug/L	04.15.14 07:39	
1,2-Dibromo-3-chloropropane (DBCP)	<0.190	50.0	46.8	94	47.2	94	50-130	1	20	ug/L	04.15.14 07:39	
1,2-Dibromoethane (EDB)	<0.180	50.0	51.1	102	52.9	106	80-120	3	20	ug/L	04.15.14 07:39	
1,2-Dichlorobenzene	<0.140	50.0	47.2	94	48.0	96	70-120	2	20	ug/L	04.15.14 07:39	
1,2-Dichloroethane	<0.180	50.0	55.7	111	55.5	111	70-130	0	20	ug/L	04.15.14 07:39	
1,2-Dichloropropane	<0.150	50.0	47.6	95	49.8	100	75-125	5	20	ug/L	04.15.14 07:39	
1,3-Dichlorobenzene	<0.170	50.0	50.1	100	50.1	100	75-125	0	20	ug/L	04.15.14 07:39	
1,4-Dichlorobenzene	<0.170	50.0	48.9	98	49.0	98	75-125	0	20	ug/L	04.15.14 07:39	
1,4-Dioxane	<8.84	1000	1150	115	1140	114	30-145	1	20	ug/L	04.15.14 07:39	
2-Butanone (MEK)	<0.280	100	99.8	100	102	102	30-150	2	20	ug/L	04.15.14 07:39	
2-Hexanone	<0.320	100	72.2	72	71.9	72	55-130	0	20	ug/L	04.15.14 07:39	
4-Methyl-2-pentanone (MIBK)	<0.260	100	101	101	103	103	60-135	2	20	ug/L	04.15.14 07:39	
Acetone	<0.350	100	125	125	133	133	40-140	6	20	ug/L	04.15.14 07:39	
Benzene	<0.160	50.0	53.4	107	53.1	106	80-120	1	20	ug/L	04.15.14 07:39	
Bromodichloromethane	<0.250	50.0	52.3	105	52.7	105	75-120	1	20	ug/L	04.15.14 07:39	
Bromoform	<0.170	50.0	43.6	87	44.0	88	70-130	1	20	ug/L	04.15.14 07:39	
Bromomethane	<0.250	50.0	53.3	107	56.1	112	30-145	5	20	ug/L	04.15.14 07:39	
Carbon disulfide	<0.260	50.0	54.5	109	56.3	113	35-160	3	20	ug/L	04.15.14 07:39	
Carbon tetrachloride	<0.330	50.0	56.6	113	58.5	117	65-140	3	20	ug/L	04.15.14 07:39	
Chlorobenzene	<0.150	50.0	46.9	94	47.9	96	80-120	2	20	ug/L	04.15.14 07:39	
Chloroethane	<0.260	50.0	42.7	85	44.0	88	60-135	3	20	ug/L	04.15.14 07:39	
Chloroform	<0.160	50.0	55.7	111	58.4	117	65-135	5	20	ug/L	04.15.14 07:39	
Chloromethane	<0.250	50.0	47.2	94	47.3	95	40-125	0	20	ug/L	04.15.14 07:39	
cis-1,2-Dichloroethene	<0.210	50.0	59.3	119	60.3	121	70-125	2	20	ug/L	04.15.14 07:39	
cis-1,3-Dichloropropene	<0.100	50.0	47.1	94	47.4	95	70-130	1	20	ug/L	04.15.14 07:39	
Cyclohexane	<0.150	50.0	65.4	131	65.6	131	65-135	0	20	ug/L	04.15.14 07:39	
Dibromochloromethane	<0.150	50.0	48.4	97	49.6	99	60-135	2	20	ug/L	04.15.14 07:39	
Dichlorodifluoromethane	<0.220	50.0	54.2	108	53.6	107	30-155	1	20	ug/L	04.15.14 07:39	
Ethylbenzene	<0.190	50.0	50.7	101	52.8	106	75-125	4	20	ug/L	04.15.14 07:39	
Isopropylbenzene	<0.150	50.0	46.4	93	46.5	93	75-125	0	20	ug/L	04.15.14 07:39	
m,p-Xylenes	<0.510	100	105	105	106	106	75-130	1	20	ug/L	04.15.14 07:39	
Methyl acetate	<0.260	50.0	55.0	110	58.4	117	65-135	6	20	ug/L	04.15.14 07:39	
Methyl tert-butyl ether	<0.180	100	113	113	118	118	65-125	4	20	ug/L	04.15.14 07:39	
Methylcyclohexane	<0.110	50.0	57.1	114	56.2	112	65-135	2	20	ug/L	04.15.14 07:39	
Methylene chloride	<0.420	50.0	52.3	105	54.9	110	55-140	5	20	ug/L	04.15.14 07:39	
o-Xylene	<0.200	50.0	41.6	83	43.1	86	80-120	4	20	ug/L	04.15.14 07:39	
Styrene	<0.180	50.0	42.5	85	44.2	88	65-135	4	20	ug/L	04.15.14 07:39	
Tetrachloroethene	<0.160	50.0	41.6	83	41.3	83	45-150	1	20	ug/L	04.15.14 07:39	
Toluene	<0.140	50.0	48.9	98	49.8	100	75-120	2	20	ug/L	04.15.14 07:39	
trans-1,2-Dichloroethene	<0.210	50.0	53.1	106	55.8	112	60-140	5	20	ug/L	04.15.14 07:39	
trans-1,3-Dichloropropene	<0.110	50.0	49.3	99	49.8	100	55-140	1	20	ug/L	04.15.14 07:39	
Trichloroethene	<0.190	50.0	51.7	103	50.1	100	70-125	3	20	ug/L	04.15.14 07:39	
Trichlorofluoromethane	<0.530	50.0	57.6	115	58.6	117	60-145	2	20	ug/L	04.15.14 07:39	
Vinyl chloride	<0.190	50.0	57.5	115	56.3	113	50-145	2	20	ug/L	04.15.14 07:39	

QC Summary 483267

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 938691 Matrix: Water Date Prep: 04.15.14

MB Sample Id: 654036-1-BLK LCS Sample Id: 654036-1-BKS LCSD Sample Id: 654036-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	124		102		102		53-159	%	04.15.14 07:39
4-Bromofluorobenzene	104		100		98		30-186	%	04.15.14 07:39
Toluene-D8	104		98		100		70-130	%	04.15.14 07:39

QC Summary 483267

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 938691 Matrix: Ground Water Date Prep: 04.15.14

Parent Sample Id: 482940-002 MS Sample Id: 482940-002 S MSD Sample Id: 482940-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.160	50.0	58.6	117	58.5	117	59-138	0	20	ug/L	04.15.14 17:01	
1,1,2,2-Tetrachloroethane	<0.180	50.0	46.4	93	48.4	97	63-126	4	20	ug/L	04.15.14 17:01	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.110	50.0	58.1	116	43.5	87	53-138	29	20	ug/L	04.15.14 17:01	F
1,1,2-Trichloroethane	<0.250	50.0	50.6	101	51.7	103	72-115	2	20	ug/L	04.15.14 17:01	
1,1-Dichloroethane	<0.110	50.0	59.7	119	58.2	116	69-132	3	20	ug/L	04.15.14 17:01	
1,1-Dichloroethene	<0.200	50.0	57.4	115	58.7	117	62-131	2	20	ug/L	04.15.14 17:01	
1,2,3-Trichlorobenzene	<0.250	50.0	43.2	86	44.0	88	48-122	2	20	ug/L	04.15.14 17:01	
1,2,4-Trichlorobenzene	<0.170	50.0	43.2	86	42.7	85	34-131	1	20	ug/L	04.15.14 17:01	
1,2-Dibromo-3-chloropropane (DBCP)	<0.190	50.0	46.9	94	47.8	96	53-121	2	20	ug/L	04.15.14 17:01	
1,2-Dibromoethane (EDB)	<0.180	50.0	51.6	103	51.5	103	66-125	0	20	ug/L	04.15.14 17:01	
1,2-Dichlorobenzene	<0.140	50.0	50.2	100	48.7	97	58-124	3	20	ug/L	04.15.14 17:01	
1,2-Dichloroethane	<0.180	50.0	57.5	115	67.0	134	55-141	15	20	ug/L	04.15.14 17:01	
1,2-Dichloropropane	<0.150	50.0	51.4	103	48.3	97	78-121	6	20	ug/L	04.15.14 17:01	
1,3-Dichlorobenzene	<0.170	50.0	50.2	100	50.5	101	62-120	1	20	ug/L	04.15.14 17:01	
1,4-Dichlorobenzene	<0.170	50.0	49.6	99	49.4	99	64-114	0	20	ug/L	04.15.14 17:01	
1,4-Dioxane	<8.84	1000	940	94	1190	119	11-185	23	20	ug/L	04.15.14 17:01	F
2-Butanone (MEK)	<0.280	100	114	114	107	107	50-152	6	20	ug/L	04.15.14 17:01	
2-Hexanone	<0.320	100	103	103	87.6	88	55-136	16	20	ug/L	04.15.14 17:01	
4-Methyl-2-pentanone (MIBK)	<0.260	100	106	106	112	112	65-132	6	20	ug/L	04.15.14 17:01	
Acetone	<0.350	100	123	123	107	107	40-140	14	20	ug/L	04.15.14 17:01	
Benzene	<0.160	50.0	52.0	104	58.9	118	77-118	12	20	ug/L	04.15.14 17:01	
Bromodichloromethane	<0.250	50.0	54.1	108	58.6	117	68-125	8	20	ug/L	04.15.14 17:01	
Bromoform	<0.170	50.0	43.2	86	43.6	87	53-112	1	20	ug/L	04.15.14 17:01	
Bromomethane	<0.250	50.0	45.5	91	41.6	83	63-137	9	20	ug/L	04.15.14 17:01	
Carbon disulfide	<0.260	50.0	56.3	113	53.8	108	26-147	5	20	ug/L	04.15.14 17:01	
Carbon tetrachloride	<0.330	50.0	59.1	118	61.5	123	56-138	4	20	ug/L	04.15.14 17:01	
Chlorobenzene	<0.150	50.0	48.8	98	48.0	96	71-114	2	20	ug/L	04.15.14 17:01	
Chloroethane	<0.260	50.0	50.7	101	47.4	95	60-137	7	20	ug/L	04.15.14 17:01	
Chloroform	<0.160	50.0	56.4	113	61.2	122	65-131	8	20	ug/L	04.15.14 17:01	
Chloromethane	<0.250	50.0	41.1	82	39.7	79	48-151	3	20	ug/L	04.15.14 17:01	
cis-1,2-Dichloroethene	<0.210	50.0	61.1	122	56.3	113	22-185	8	20	ug/L	04.15.14 17:01	
cis-1,3-Dichloropropene	<0.100	50.0	42.4	85	46.8	94	67-113	10	20	ug/L	04.15.14 17:01	
Cyclohexane	<0.150	50.0	68.6	137	66.6	133	61-141	3	20	ug/L	04.15.14 17:01	
Dibromochloromethane	<0.150	50.0	48.8	98	49.5	99	53-125	1	20	ug/L	04.15.14 17:01	
Dichlorodifluoromethane	<0.220	50.0	38.6	77	38.5	77	38-145	0	20	ug/L	04.15.14 17:01	
Ethylbenzene	<0.190	50.0	53.9	108	52.0	104	66-127	4	20	ug/L	04.15.14 17:01	
Isopropylbenzene	<0.150	50.0	46.9	94	45.4	91	58-127	3	20	ug/L	04.15.14 17:01	
m,p-Xylenes	<0.510	100	110	110	107	107	65-126	3	20	ug/L	04.15.14 17:01	
Methyl acetate	<0.260	50.0	46.8	94	46.2	92	65-135	1	20	ug/L	04.15.14 17:01	
Methyl tert-butyl ether	<0.180	100	107	107	97.3	97	58-141	9	20	ug/L	04.15.14 17:01	
Methylcyclohexane	<0.110	50.0	54.4	109	55.6	111	64-128	2	20	ug/L	04.15.14 17:01	
Methylene chloride	<0.420	50.0	45.6	91	45.9	92	63-150	1	20	ug/L	04.15.14 17:01	
o-Xylene	<0.200	50.0	43.9	88	42.6	85	64-123	3	20	ug/L	04.15.14 17:01	
Styrene	<0.180	50.0	45.5	91	43.3	87	50-133	5	20	ug/L	04.15.14 17:01	
Tetrachloroethene	<0.160	50.0	39.0	78	38.6	77	52-125	1	20	ug/L	04.15.14 17:01	
Toluene	<0.140	50.0	51.7	103	53.4	107	65-123	3	20	ug/L	04.15.14 17:01	
trans-1,2-Dichloroethene	<0.210	50.0	59.9	120	45.9	92	65-135	26	20	ug/L	04.15.14 17:01	F
trans-1,3-Dichloropropene	<0.110	50.0	48.1	96	50.0	100	50-125	4	20	ug/L	04.15.14 17:01	
Trichloroethene	<0.190	50.0	51.0	102	61.5	123	65-125	19	20	ug/L	04.15.14 17:01	
Trichlorofluoromethane	<0.530	50.0	59.6	119	47.8	96	51-145	22	20	ug/L	04.15.14 17:01	F
Vinyl chloride	<0.190	50.0	49.8	100	44.6	89	52-140	11	20	ug/L	04.15.14 17:01	

QC Summary 483267

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 938691 Matrix: Ground Water Date Prep: 04.15.14

Parent Sample Id: 482940-002 MS Sample Id: 482940-002 S MSD Sample Id: 482940-002 SD

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	124		108		53-159	%	04.15.14 17:01
4-Bromofluorobenzene	98		96		30-186	%	04.15.14 17:01
Toluene-D8	98		104		70-130	%	04.15.14 17:01

QC Summary 483267

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 938704 Matrix: Solid Date Prep: 04.15.14

MB Sample Id: 654049-1-BLK LCS Sample Id: 654049-1-BKS LCSD Sample Id: 654049-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000753	0.0500	0.0625	125	0.0565	113	61-140	10	20	mg/kg	04.15.14 18:34	
1,1,2,2-Tetrachloroethane	<0.00119	0.0500	0.0517	103	0.0530	106	68-124	2	20	mg/kg	04.15.14 18:34	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00111	0.0500	0.0602	120	0.0532	106	72-135	12	20	mg/kg	04.15.14 18:34	
1,1,2-Trichloroethane	<0.000670	0.0500	0.0539	108	0.0529	106	79-117	2	20	mg/kg	04.15.14 18:34	
1,1-Dichloroethane	<0.000802	0.0500	0.0532	106	0.0517	103	72-125	3	20	mg/kg	04.15.14 18:34	
1,1-Dichloroethene	<0.00116	0.0500	0.0564	113	0.0533	107	78-126	6	20	mg/kg	04.15.14 18:34	
1,2,3-Trichlorobenzene	<0.000574	0.0500	0.0523	105	0.0530	106	75-135	1	20	mg/kg	04.15.14 18:34	
1,2,4-Trichlorobenzene	<0.000873	0.0500	0.0541	108	0.0543	109	73-136	0	20	mg/kg	04.15.14 18:34	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00162	0.0500	0.0515	103	0.0500	100	49-121	3	20	mg/kg	04.15.14 18:34	
1,2-Dibromoethane (EDB)	<0.000863	0.0500	0.0552	110	0.0555	111	81-118	1	20	mg/kg	04.15.14 18:34	
1,2-Dichlorobenzene	<0.00129	0.0500	0.0598	120	0.0586	117	80-124	2	20	mg/kg	04.15.14 18:34	
1,2-Dichloroethane	<0.000597	0.0500	0.0545	109	0.0483	97	59-131	12	20	mg/kg	04.15.14 18:34	
1,2-Dichloropropane	<0.000929	0.0500	0.0568	114	0.0484	97	81-122	16	20	mg/kg	04.15.14 18:34	
1,3-Dichlorobenzene	<0.000997	0.0500	0.0595	119	0.0591	118	83-125	1	20	mg/kg	04.15.14 18:34	
1,4-Dichlorobenzene	<0.000684	0.0500	0.0585	117	0.0587	117	83-118	0	20	mg/kg	04.15.14 18:34	
2-Butanone (MEK)	<0.00228	0.100	0.0853	85	0.0867	87	61-127	2	20	mg/kg	04.15.14 18:34	
2-Hexanone	<0.00113	0.100	0.101	101	0.0963	96	61-138	5	20	mg/kg	04.15.14 18:34	
4-Methyl-2-pentanone (MIBK)	<0.00323	0.100	0.0911	91	0.0930	93	65-125	2	20	mg/kg	04.15.14 18:34	
Acetone	<0.00688	0.100	0.0905	91	0.0902	90	60-130	0	20	mg/kg	04.15.14 18:34	
Benzene	<0.000513	0.0500	0.0509	102	0.0547	109	79-122	7	20	mg/kg	04.15.14 18:34	
Bromochloromethane	<0.00101	0.0500	0.0525	105	0.0432	86	73-120	19	20	mg/kg	04.15.14 18:34	
Bromodichloromethane	<0.000501	0.0500	0.0506	101	0.0488	98	76-126	4	20	mg/kg	04.15.14 18:34	
Bromoform	<0.000959	0.0500	0.0464	93	0.0481	96	56-125	4	20	mg/kg	04.15.14 18:34	
Bromomethane	<0.00246	0.0500	0.0507	101	0.0486	97	61-137	4	20	mg/kg	04.15.14 18:34	
Carbon disulfide	<0.00146	0.0500	0.0556	111	0.0521	104	79-139	6	20	mg/kg	04.15.14 18:34	
Carbon tetrachloride	<0.000742	0.0500	0.0558	112	0.0521	104	60-142	7	20	mg/kg	04.15.14 18:34	
Chlorobenzene	<0.000579	0.0500	0.0566	113	0.0544	109	86-115	4	20	mg/kg	04.15.14 18:34	
Chloroethane	<0.00245	0.0500	0.0481	96	0.0456	91	57-148	5	20	mg/kg	04.15.14 18:34	
Chloroform	<0.000741	0.0500	0.0581	116	0.0550	110	71-120	5	20	mg/kg	04.15.14 18:34	
Chloromethane	<0.00230	0.0500	0.0451	90	0.0439	88	49-147	3	20	mg/kg	04.15.14 18:34	
cis-1,2-Dichloroethene	<0.000662	0.0500	0.0546	109	0.0505	101	78-121	8	20	mg/kg	04.15.14 18:34	
cis-1,3-Dichloropropene	<0.000539	0.0500	0.0514	103	0.0489	98	80-123	5	20	mg/kg	04.15.14 18:34	
Cyclohexane	<0.000945	0.0500	0.0613	123	0.0568	114	76-134	8	20	mg/kg	04.15.14 18:34	
Dibromochloromethane	<0.000994	0.0500	0.0496	99	0.0488	98	74-118	2	20	mg/kg	04.15.14 18:34	
Dichlorodifluoromethane	<0.00118	0.0500	0.0427	85	0.0408	82	34-145	5	20	mg/kg	04.15.14 18:34	
Ethylbenzene	<0.000565	0.0500	0.0602	120	0.0585	117	83-133	3	20	mg/kg	04.15.14 18:34	
Isopropylbenzene	<0.000759	0.0500	0.0522	104	0.0524	105	64-140	0	20	mg/kg	04.15.14 18:34	
m,p-Xylenes	<0.00121	0.100	0.117	117	0.118	118	82-133	1	20	mg/kg	04.15.14 18:34	
Methyl acetate	<0.000946	0.0500	0.0488	98	0.0463	93	62-121	5	20	mg/kg	04.15.14 18:34	
Methyl tert-butyl ether	<0.000693	0.100	0.101	101	0.0987	99	68-125	2	20	mg/kg	04.15.14 18:34	
Methylcyclohexane	<0.00109	0.0500	0.0607	121	0.0566	113	73-141	7	20	mg/kg	04.15.14 18:34	
Methylene chloride	<0.00217	0.0500	0.0494	99	0.0465	93	67-136	6	20	mg/kg	04.15.14 18:34	
o-Xylene	<0.000716	0.0500	0.0530	106	0.0512	102	79-133	3	20	mg/kg	04.15.14 18:34	
Styrene	<0.000742	0.0500	0.0544	109	0.0528	106	82-128	3	20	mg/kg	04.15.14 18:34	
Tetrachloroethene	<0.00104	0.0500	0.0612	122	0.0598	120	72-140	2	20	mg/kg	04.15.14 18:34	
Toluene	<0.000588	0.0500	0.0582	116	0.0549	110	85-120	6	20	mg/kg	04.15.14 18:34	
trans-1,2-Dichloroethene	<0.000780	0.0500	0.0575	115	0.0527	105	76-126	9	20	mg/kg	04.15.14 18:34	
trans-1,3-Dichloropropene	<0.000670	0.0500	0.0514	103	0.0488	98	78-115	5	20	mg/kg	04.15.14 18:34	
Trichloroethene	<0.000707	0.0500	0.0580	116	0.0591	118	71-128	2	20	mg/kg	04.15.14 18:34	
Trichlorofluoromethane	<0.00351	0.0500	0.0555	111	0.0522	104	51-154	6	20	mg/kg	04.15.14 18:34	
Vinyl chloride	<0.00201	0.0500	0.0518	104	0.0468	94	67-138	10	20	mg/kg	04.15.14 18:34	

QC Summary 483267

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 938704 Matrix: Solid Date Prep: 04.15.14

MB Sample Id: 654049-1-BLK LCS Sample Id: 654049-1-BKS LCSD Sample Id: 654049-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	105		106		109		50-150	%	04.15.14 18:34
4-Bromofluorobenzene	106		101		105		57-158	%	04.15.14 18:34
Toluene-D8	100		104		102		50-150	%	04.15.14 18:34

QC Summary 483267

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 938777 Matrix: Solid Date Prep: 04.16.14

MB Sample Id: 654092-1-BLK LCS Sample Id: 654092-1-BKS LCSD Sample Id: 654092-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000753	0.0500	0.0560	112	0.0577	115	61-140	3	20	mg/kg	04.16.14 08:56	
1,1,2,2-Tetrachloroethane	<0.00119	0.0500	0.0550	110	0.0501	100	68-124	9	20	mg/kg	04.16.14 08:56	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00111	0.0500	0.0590	118	0.0569	114	72-135	4	20	mg/kg	04.16.14 08:56	
1,1,2-Trichloroethane	<0.000670	0.0500	0.0545	109	0.0525	105	79-117	4	20	mg/kg	04.16.14 08:56	
1,1-Dichloroethane	<0.000802	0.0500	0.0539	108	0.0528	106	72-125	2	20	mg/kg	04.16.14 08:56	
1,1-Dichloroethene	<0.00116	0.0500	0.0539	108	0.0554	111	78-126	3	20	mg/kg	04.16.14 08:56	
1,2,3-Trichlorobenzene	<0.000574	0.0500	0.0511	102	0.0500	100	75-135	2	20	mg/kg	04.16.14 08:56	
1,2,4-Trichlorobenzene	<0.000873	0.0500	0.0489	98	0.0500	100	73-136	2	20	mg/kg	04.16.14 08:56	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00162	0.0500	0.0530	106	0.0472	94	49-121	12	20	mg/kg	04.16.14 08:56	
1,2-Dibromoethane (EDB)	<0.000863	0.0500	0.0551	110	0.0509	102	81-118	8	20	mg/kg	04.16.14 08:56	
1,2-Dichlorobenzene	<0.00129	0.0500	0.0553	111	0.0555	111	80-124	0	20	mg/kg	04.16.14 08:56	
1,2-Dichloroethane	<0.000597	0.0500	0.0549	110	0.0526	105	59-131	4	20	mg/kg	04.16.14 08:56	
1,2-Dichloropropane	<0.000929	0.0500	0.0536	107	0.0546	109	81-122	2	20	mg/kg	04.16.14 08:56	
1,3-Dichlorobenzene	<0.000997	0.0500	0.0556	111	0.0564	113	83-125	1	20	mg/kg	04.16.14 08:56	
1,4-Dichlorobenzene	<0.000684	0.0500	0.0539	108	0.0545	109	83-118	1	20	mg/kg	04.16.14 08:56	
2-Butanone (MEK)	<0.00228	0.100	0.0949	95	0.0824	82	61-127	14	20	mg/kg	04.16.14 08:56	
2-Hexanone	<0.00113	0.100	0.108	108	0.0965	97	61-138	11	20	mg/kg	04.16.14 08:56	
4-Methyl-2-pentanone (MIBK)	<0.00323	0.100	0.109	109	0.0947	95	65-125	14	20	mg/kg	04.16.14 08:56	
Acetone	<0.00688	0.100	0.117	117	0.103	103	60-130	13	20	mg/kg	04.16.14 08:56	
Benzene	<0.000513	0.0500	0.0551	110	0.0541	108	79-122	2	20	mg/kg	04.16.14 08:56	
Bromochloromethane	<0.00101	0.0500	0.0534	107	0.0457	91	73-120	16	20	mg/kg	04.16.14 08:56	
Bromodichloromethane	<0.000501	0.0500	0.0501	100	0.0481	96	76-126	4	20	mg/kg	04.16.14 08:56	
Bromoform	<0.000959	0.0500	0.0468	94	0.0449	90	56-125	4	20	mg/kg	04.16.14 08:56	
Bromomethane	<0.00246	0.0500	0.0551	110	0.0543	109	61-137	1	20	mg/kg	04.16.14 08:56	
Carbon disulfide	<0.00146	0.0500	0.0573	115	0.0579	116	79-139	1	20	mg/kg	04.16.14 08:56	
Carbon tetrachloride	<0.000742	0.0500	0.0505	101	0.0508	102	60-142	1	20	mg/kg	04.16.14 08:56	
Chlorobenzene	<0.000579	0.0500	0.0536	107	0.0535	107	86-115	0	20	mg/kg	04.16.14 08:56	
Chloroethane	<0.00245	0.0500	0.0550	110	0.0527	105	57-148	4	20	mg/kg	04.16.14 08:56	
Chloroform	<0.000741	0.0500	0.0553	111	0.0541	108	71-120	2	20	mg/kg	04.16.14 08:56	
Chloromethane	<0.00230	0.0500	0.0542	108	0.0526	105	49-147	3	20	mg/kg	04.16.14 08:56	
cis-1,2-Dichloroethene	<0.000662	0.0500	0.0540	108	0.0553	111	78-121	2	20	mg/kg	04.16.14 08:56	
cis-1,3-Dichloropropene	<0.000539	0.0500	0.0492	98	0.0477	95	80-123	3	20	mg/kg	04.16.14 08:56	
Cyclohexane	<0.000945	0.0500	0.0583	117	0.0568	114	76-134	3	20	mg/kg	04.16.14 08:56	
Dibromochloromethane	<0.000994	0.0500	0.0493	99	0.0469	94	74-118	5	20	mg/kg	04.16.14 08:56	
Dichlorodifluoromethane	<0.00118	0.0500	0.0573	115	0.0571	114	34-145	0	20	mg/kg	04.16.14 08:56	
Ethylbenzene	<0.000565	0.0500	0.0562	112	0.0561	112	83-133	0	20	mg/kg	04.16.14 08:56	
Isopropylbenzene	<0.000759	0.0500	0.0476	95	0.0488	98	64-140	2	20	mg/kg	04.16.14 08:56	
m,p-Xylenes	<0.00121	0.100	0.113	113	0.117	117	82-133	3	20	mg/kg	04.16.14 08:56	
Methyl acetate	<0.000946	0.0500	0.0524	105	0.0455	91	62-121	14	20	mg/kg	04.16.14 08:56	
Methyl tert-butyl ether	<0.000693	0.100	0.109	109	0.103	103	68-125	6	20	mg/kg	04.16.14 08:56	
Methylcyclohexane	<0.00109	0.0500	0.0570	114	0.0575	115	73-141	1	20	mg/kg	04.16.14 08:56	
Methylene chloride	<0.00217	0.0500	0.0525	105	0.0492	98	67-136	6	20	mg/kg	04.16.14 08:56	
o-Xylene	<0.000716	0.0500	0.0491	98	0.0510	102	79-133	4	20	mg/kg	04.16.14 08:56	
Styrene	<0.000742	0.0500	0.0512	102	0.0514	103	82-128	0	20	mg/kg	04.16.14 08:56	
Tetrachloroethene	<0.00104	0.0500	0.0589	118	0.0585	117	72-140	1	20	mg/kg	04.16.14 08:56	
Toluene	<0.000588	0.0500	0.0548	110	0.0552	110	85-120	1	20	mg/kg	04.16.14 08:56	
trans-1,2-Dichloroethene	<0.000780	0.0500	0.0546	109	0.0552	110	76-126	1	20	mg/kg	04.16.14 08:56	
trans-1,3-Dichloropropene	<0.000670	0.0500	0.0501	100	0.0501	100	78-115	0	20	mg/kg	04.16.14 08:56	
Trichloroethene	<0.000707	0.0500	0.0566	113	0.0577	115	71-128	2	20	mg/kg	04.16.14 08:56	
Trichlorofluoromethane	<0.00351	0.0500	0.0584	117	0.0583	117	51-154	0	20	mg/kg	04.16.14 08:56	
Vinyl chloride	<0.00201	0.0500	0.0565	113	0.0549	110	67-138	3	20	mg/kg	04.16.14 08:56	

QC Summary 483267

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Seq Number: 938777 Matrix: Solid Date Prep: 04.16.14
MB Sample Id: 654092-1-BLK LCS Sample Id: 654092-1-BKS LCSD Sample Id: 654092-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	95		111		105		50-150	%	04.16.14 08:56
4-Bromofluorobenzene	102		98		97		57-158	%	04.16.14 08:56
Toluene-D8	105		103		99		50-150	%	04.16.14 08:56

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Seq Number: 938809 Matrix: Solid Date Prep: 04.16.14
MB Sample Id: 654123-1-BLK LCS Sample Id: 654123-1-BKS LCSD Sample Id: 654123-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethene	<0.00104	0.0500	0.0490	98	0.0503	101	72-140	3	20	mg/kg	04.16.14 17:59	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	102		99		101		50-150	%	04.16.14 17:59
4-Bromofluorobenzene	108		107		106		57-158	%	04.16.14 17:59
Toluene-D8	101		101		99		50-150	%	04.16.14 17:59

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 938704 Matrix: Soil Date Prep: 04.15.14

Parent Sample Id: 483267-014 MS Sample Id: 483267-014 S MSD Sample Id: 483267-014 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000863	0.0573	0.0552	96	0.0592	103	62-137	7	20	mg/kg	04.16.14 05:02	
1,1,2,2-Tetrachloroethane	<0.00136	0.0573	0.0533	93	0.0577	101	64-128	8	20	mg/kg	04.16.14 05:02	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00127	0.0573	0.0498	87	0.0542	94	33-177	8	20	mg/kg	04.16.14 05:02	
1,1,2-Trichloroethane	<0.000768	0.0573	0.0570	99	0.0589	103	61-130	3	20	mg/kg	04.16.14 05:02	
1,1-Dichloroethane	<0.000919	0.0573	0.0535	93	0.0598	104	65-136	11	20	mg/kg	04.16.14 05:02	
1,1-Dichloroethene	<0.00133	0.0573	0.0479	84	0.0545	95	33-158	13	20	mg/kg	04.16.14 05:02	
1,2,3-Trichlorobenzene	<0.000658	0.0573	0.0342	60	0.0487	85	48-135	35	20	mg/kg	04.16.14 05:02	F
1,2,4-Trichlorobenzene	<0.00100	0.0573	0.0281	49	0.0396	69	43-139	34	20	mg/kg	04.16.14 05:02	F
1,2-Dibromo-3-chloropropane (DBCP)	<0.00186	0.0573	0.0476	83	0.0513	89	51-130	7	20	mg/kg	04.16.14 05:02	
1,2-Dibromoethane (EDB)	<0.000989	0.0573	0.0552	96	0.0551	96	69-132	0	20	mg/kg	04.16.14 05:02	
1,2-Dichlorobenzene	<0.00148	0.0573	0.0404	71	0.0534	93	71-120	28	20	mg/kg	04.16.14 05:02	F
1,2-Dichloroethane	<0.000684	0.0573	0.0556	97	0.0573	100	53-140	3	20	mg/kg	04.16.14 05:02	
1,2-Dichloropropane	<0.00106	0.0573	0.0561	98	0.0543	95	68-126	3	20	mg/kg	04.16.14 05:02	
1,3-Dichlorobenzene	<0.00114	0.0573	0.0357	62	0.0512	89	68-127	36	20	mg/kg	04.16.14 05:02	XF
1,4-Dichlorobenzene	<0.000784	0.0573	0.0368	64	0.0494	86	72-118	29	20	mg/kg	04.16.14 05:02	XF
2-Butanone (MEK)	<0.00261	0.115	0.0886	77	0.0916	80	42-147	3	20	mg/kg	04.16.14 05:02	
2-Hexanone	<0.00129	0.115	0.100	87	0.104	90	32-142	4	20	mg/kg	04.16.14 05:02	
4-Methyl-2-pentanone (MIBK)	<0.00371	0.115	0.0975	85	0.0979	85	34-149	0	20	mg/kg	04.16.14 05:02	
Acetone	<0.00788	0.115	0.106	92	0.109	95	43-163	3	20	mg/kg	04.16.14 05:02	
Benzene	<0.000588	0.0573	0.0554	97	0.0609	106	65-135	9	20	mg/kg	04.16.14 05:02	
Bromochloromethane	<0.00115	0.0573	0.0473	83	0.0600	105	66-137	24	20	mg/kg	04.16.14 05:02	F
Bromodichloromethane	<0.000574	0.0573	0.0530	92	0.0571	99	60-129	7	20	mg/kg	04.16.14 05:02	
Bromoform	<0.00110	0.0573	0.0457	80	0.0507	88	48-147	10	20	mg/kg	04.16.14 05:02	
Bromomethane	<0.00282	0.0573	0.0475	83	0.0521	91	42-170	9	20	mg/kg	04.16.14 05:02	
Carbon disulfide	<0.00167	0.0573	0.0439	77	0.0548	95	40-147	22	20	mg/kg	04.16.14 05:02	F
Carbon tetrachloride	<0.000851	0.0573	0.0442	77	0.0488	85	71-117	10	20	mg/kg	04.16.14 05:02	
Chlorobenzene	<0.000664	0.0573	0.0443	77	0.0520	91	71-117	16	20	mg/kg	04.16.14 05:02	
Chloroethane	<0.00280	0.0573	0.0472	82	0.0538	94	44-166	13	20	mg/kg	04.16.14 05:02	
Chloroform	<0.000849	0.0573	0.0593	103	0.0577	101	62-127	3	20	mg/kg	04.16.14 05:02	
Chloromethane	<0.00264	0.0573	0.0455	79	0.0494	86	34-157	8	20	mg/kg	04.16.14 05:02	
cis-1,2-Dichloroethene	<0.000759	0.0573	0.0452	79	0.0574	100	41-155	24	20	mg/kg	04.16.14 05:02	F
cis-1,3-Dichloropropene	<0.000618	0.0573	0.0455	79	0.0522	91	63-128	14	20	mg/kg	04.16.14 05:02	
Cyclohexane	<0.00108	0.0573	0.0433	76	0.0497	87	53-145	14	20	mg/kg	04.16.14 05:02	
Dibromochloromethane	<0.00114	0.0573	0.0492	86	0.0540	94	59-135	9	20	mg/kg	04.16.14 05:02	
Dichlorodifluoromethane	<0.00135	0.0573	0.0332	58	0.0369	64	16-171	11	20	mg/kg	04.16.14 05:02	
Ethylbenzene	<0.000648	0.0573	0.0375	65	0.0584	102	65-139	44	20	mg/kg	04.16.14 05:02	F
Isopropylbenzene	<0.000870	0.0573	0.0286	50	0.0514	90	62-133	57	20	mg/kg	04.16.14 05:02	XF
m,p-Xylenes	<0.00139	0.115	0.0747	65	0.119	103	69-130	46	20	mg/kg	04.16.14 05:02	XF
Methyl acetate	<0.00108	0.0573	0.0548	96	0.0571	99	20-170	4	20	mg/kg	04.16.14 05:02	
Methyl tert-butyl ether	<0.000794	0.115	0.105	91	0.113	98	48-169	7	20	mg/kg	04.16.14 05:02	
Methylcyclohexane	<0.00125	0.0573	0.0407	71	0.0502	87	57-149	21	20	mg/kg	04.16.14 05:02	F
Methylene chloride	<0.00248	0.0573	0.0503	88	0.0537	94	17-184	7	20	mg/kg	04.16.14 05:02	
o-Xylene	<0.000821	0.0573	0.0363	63	0.0544	95	71-124	40	20	mg/kg	04.16.14 05:02	XF
Styrene	<0.000851	0.0573	0.0376	66	0.0551	96	50-143	38	20	mg/kg	04.16.14 05:02	F
Tetrachloroethene	<0.00119	0.0573	0.0389	68	0.0567	99	42-156	37	20	mg/kg	04.16.14 05:02	F
Toluene	<0.000674	0.0573	0.0462	81	0.0584	102	13-188	23	20	mg/kg	04.16.14 05:02	F
trans-1,2-Dichloroethene	<0.000894	0.0573	0.0476	83	0.0565	98	57-143	17	20	mg/kg	04.16.14 05:02	
trans-1,3-Dichloropropene	<0.000768	0.0573	0.0458	80	0.0497	87	55-141	8	20	mg/kg	04.16.14 05:02	
Trichloroethene	<0.000810	0.0573	0.0501	87	0.0599	104	39-150	18	20	mg/kg	04.16.14 05:02	
Trichlorofluoromethane	<0.00403	0.0573	0.0498	87	0.0553	96	34-179	10	20	mg/kg	04.16.14 05:02	
Vinyl chloride	<0.00230	0.0573	0.0450	79	0.0512	89	40-161	13	20	mg/kg	04.16.14 05:02	

QC Summary 483267

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 938704 Matrix: Soil Date Prep: 04.15.14

Parent Sample Id: 483267-014 MS Sample Id: 483267-014 S MSD Sample Id: 483267-014 SD

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	104		102		50-150	%	04.16.14 05:02
4-Bromofluorobenzene	98		97		57-158	%	04.16.14 05:02
Toluene-D8	108		100		50-150	%	04.16.14 05:02

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 938777 Matrix: Soil Date Prep: 04.16.14

Parent Sample Id: 483267-025 MS Sample Id: 483267-025 S MSD Sample Id: 483267-025 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000904	0.0600	0.0655	109	0.0665	112	62-137	2	20	mg/kg	04.16.14 19:04	
1,1,2,2-Tetrachloroethane	<0.00142	0.0600	0.0604	101	0.0563	94	64-128	7	20	mg/kg	04.16.14 19:04	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00133	0.0600	0.0704	117	0.0676	113	33-177	4	20	mg/kg	04.16.14 19:04	
1,1,2-Trichloroethane	<0.000804	0.0600	0.0604	101	0.0610	102	61-130	1	20	mg/kg	04.16.14 19:04	
1,1-Dichloroethane	<0.000962	0.0600	0.0613	102	0.0583	98	65-136	5	20	mg/kg	04.16.14 19:04	
1,1-Dichloroethene	<0.00139	0.0600	0.0639	107	0.0644	108	33-158	1	20	mg/kg	04.16.14 19:04	
1,2,3-Trichlorobenzene	<0.000689	0.0600	0.0363	61	0.0377	63	48-135	4	20	mg/kg	04.16.14 19:04	
1,2,4-Trichlorobenzene	<0.00105	0.0600	0.0356	59	0.0378	63	43-139	6	20	mg/kg	04.16.14 19:04	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00194	0.0600	0.0629	105	0.0576	97	51-130	9	20	mg/kg	04.16.14 19:04	
1,2-Dibromoethane (EDB)	<0.00104	0.0600	0.0610	102	0.0598	100	69-132	2	20	mg/kg	04.16.14 19:04	
1,2-Dichlorobenzene	<0.00155	0.0600	0.0511	85	0.0568	95	71-120	11	20	mg/kg	04.16.14 19:04	
1,2-Dichloroethane	<0.000716	0.0600	0.0636	106	0.0614	103	53-140	4	20	mg/kg	04.16.14 19:04	
1,2-Dichloropropane	<0.00111	0.0600	0.0607	101	0.0600	101	68-126	1	20	mg/kg	04.16.14 19:04	
1,3-Dichlorobenzene	<0.00120	0.0600	0.0532	89	0.0578	97	68-127	8	20	mg/kg	04.16.14 19:04	
1,4-Dichlorobenzene	<0.000821	0.0600	0.0543	91	0.0602	101	72-118	10	20	mg/kg	04.16.14 19:04	
2-Butanone (MEK)	<0.00273	0.120	0.104	87	0.102	86	42-147	2	20	mg/kg	04.16.14 19:04	
2-Hexanone	<0.00135	0.120	0.113	94	0.119	100	32-142	5	20	mg/kg	04.16.14 19:04	
4-Methyl-2-pentanone (MIBK)	<0.00388	0.120	0.119	99	0.115	97	34-149	3	20	mg/kg	04.16.14 19:04	
Acetone	0.0110	0.120	0.161	125	0.144	112	43-163	11	20	mg/kg	04.16.14 19:04	
Benzene	<0.000616	0.0600	0.0618	103	0.0640	107	65-135	3	20	mg/kg	04.16.14 19:04	
Bromochloromethane	<0.00121	0.0600	0.0608	101	0.0506	85	66-137	18	20	mg/kg	04.16.14 19:04	
Bromodichloromethane	<0.000601	0.0600	0.0538	90	0.0576	97	60-129	7	20	mg/kg	04.16.14 19:04	
Bromoform	<0.00115	0.0600	0.0532	89	0.0539	90	48-147	1	20	mg/kg	04.16.14 19:04	
Bromomethane	<0.00295	0.0600	0.0598	100	0.0595	100	42-170	1	20	mg/kg	04.16.14 19:04	
Carbon disulfide	<0.00175	0.0600	0.0686	114	0.0676	113	40-147	1	20	mg/kg	04.16.14 19:04	
Carbon tetrachloride	<0.000890	0.0600	0.0551	92	0.0591	99	71-117	7	20	mg/kg	04.16.14 19:04	
Chlorobenzene	<0.000695	0.0600	0.0580	97	0.0604	101	71-117	4	20	mg/kg	04.16.14 19:04	
Chloroethane	<0.00293	0.0600	0.0616	103	0.0596	100	44-166	3	20	mg/kg	04.16.14 19:04	
Chloroform	<0.000889	0.0600	0.0635	106	0.0617	104	62-127	3	20	mg/kg	04.16.14 19:04	
Chloromethane	<0.00276	0.0600	0.0659	110	0.0596	100	34-157	10	20	mg/kg	04.16.14 19:04	
cis-1,2-Dichloroethene	<0.000794	0.0600	0.0571	95	0.0567	95	41-155	1	20	mg/kg	04.16.14 19:04	
cis-1,3-Dichloropropene	<0.000647	0.0600	0.0549	92	0.0561	94	63-128	2	20	mg/kg	04.16.14 19:04	
Cyclohexane	<0.00113	0.0600	0.0598	100	0.0638	107	53-145	6	20	mg/kg	04.16.14 19:04	
Dibromochloromethane	<0.00119	0.0600	0.0535	89	0.0570	96	59-135	6	20	mg/kg	04.16.14 19:04	
Dichlorodifluoromethane	<0.00142	0.0600	0.0684	114	0.0654	110	16-171	4	20	mg/kg	04.16.14 19:04	
Ethylbenzene	<0.000678	0.0600	0.0588	98	0.0616	103	65-139	5	20	mg/kg	04.16.14 19:04	
Isopropylbenzene	<0.000911	0.0600	0.0480	80	0.0518	87	62-133	8	20	mg/kg	04.16.14 19:04	
m,p-Xylenes	<0.00145	0.120	0.119	99	0.125	105	69-130	5	20	mg/kg	04.16.14 19:04	
Methyl acetate	<0.00114	0.0600	0.0635	106	0.0590	99	20-170	7	20	mg/kg	04.16.14 19:04	
Methyl tert-butyl ether	<0.000832	0.120	0.128	107	0.125	105	48-169	2	20	mg/kg	04.16.14 19:04	
Methylcyclohexane	<0.00131	0.0600	0.0551	92	0.0576	97	57-149	4	20	mg/kg	04.16.14 19:04	
Methylene chloride	<0.00260	0.0600	0.0647	108	0.0592	99	17-184	9	20	mg/kg	04.16.14 19:04	
o-Xylene	<0.000859	0.0600	0.0514	86	0.0545	91	71-124	6	20	mg/kg	04.16.14 19:04	
Styrene	<0.000890	0.0600	0.0525	88	0.0545	91	50-143	4	20	mg/kg	04.16.14 19:04	
Tetrachloroethene	<0.00124	0.0600	0.0685	114	0.0867	145	42-156	23	20	mg/kg	04.16.14 19:04	F
Toluene	<0.000706	0.0600	0.0598	100	0.0627	105	13-188	5	20	mg/kg	04.16.14 19:04	
trans-1,2-Dichloroethene	<0.000936	0.0600	0.0667	111	0.0609	102	57-143	9	20	mg/kg	04.16.14 19:04	
trans-1,3-Dichloropropene	<0.000804	0.0600	0.0568	95	0.0562	94	55-141	1	20	mg/kg	04.16.14 19:04	
Trichloroethene	<0.000848	0.0600	0.0645	108	0.0687	115	39-150	6	20	mg/kg	04.16.14 19:04	
Trichlorofluoromethane	<0.00422	0.0600	0.0708	118	0.0689	116	34-179	3	20	mg/kg	04.16.14 19:04	
Vinyl chloride	<0.00241	0.0600	0.0642	107	0.0634	106	40-161	1	20	mg/kg	04.16.14 19:04	

QC Summary 483267

Contour Engineering, LLC

Imperial Cleaners

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 938777 Matrix: Soil Date Prep: 04.16.14

Parent Sample Id: 483267-025 MS Sample Id: 483267-025 S MSD Sample Id: 483267-025 SD

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	115		107		50-150	%	04.16.14 19:04
4-Bromofluorobenzene	99		100		57-158	%	04.16.14 19:04
Toluene-D8	101		103		50-150	%	04.16.14 19:04

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☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 265039 Page 1 of 3

Company-City: CONTOUR ENGINEERING, LLC - KENNESAW, GA **Phone:** 770-794-0266
Lab Only: WO# 483267

Proj Name-Location: IMPERIAL CLEANERS - ROSWELL, GA ☒ Previously done at XENCO **Project ID:** G13FCS17

TAT: ASAP 5h 12h 24h 48h (3d) 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL (GA) LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** KEVIN MCGOWAN

e-Mail Results to: ☒ PM or **Fax No:**

Invoice to: ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:

Quote/Pricing: **P.O No:** ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA

QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: ANDREW REBEIR Signature:

	Sample ID	Sampling Date	Time	Depth E ft" In"	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed	
1	SD-16A	4/11/14	9:45	0-2'	S		X	4				X													1
2	SD-16B	4/11/14	9:53	8'-10'	S		X	4				X													2
3	SD-16C	4/11/14	9:59	18'-20'	S		X	4				X													3
4	SD-17A	4/11/14	10:11	0'-2'	S		X	4				X													4
5	SD-17B	4/11/14	10:14	8'-10'	S		X	4				X													5
6	SD-17C	4/11/14	10:19	18'-20'	S		X	4				X													6
7	SD-18A	4/11/14	10:24	0'-2'	S		X	4				X													7
8	SD-18B	4/11/14	10:26	8'-10'	S		X	4				X													8
9	SD-18C	4/11/14	10:31	18'-20'	S		X	4				X													9
10	SD-19A	4/11/14	10:59	0'-2'	S		X	4				X													10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) AR	4/12/14 10:18	2)	04/12/14 10:10
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp: 1.4 C

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Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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☐ Philadephia/New Jersey 610-955-5649
☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 265040 Page 1 of 3

Company-City: CONTOUR ENGINEERING, LLC - KENNESAW, GA Phone: 770-794-0266
Lab Only: WO# 483267

Proj Name-Location: IMPERIAL CLEANERS - ROSWELL, GA ☒ Previously done at XENCO Project ID: GB FCS 17

TAT: ASAP 5h 12h 24h 48h (3d) 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL (GA) LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj. Manager (PM): KEVIN MCGOWAN
e-Mail Results to ☒PM or Fax No:

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:

Quote/Pricing: P.O No: ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA

QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: ANDREW REBER Signature:

	Sample ID	Sampling Date	Time	Depth (ft' In" E	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives
1	SD-19B	4/11/14	11:03	8'-10'	S		X	4			
2	SD-19C	4/11/14	11:07	18'-20'	S		X	4			
3	SD-20A	4/11/14	11:16	0'-2'	S		X	4			
4	SD-20B	4/11/14	11:19	8'-10'	S		X	4			
5	SD-20C	4/11/14	11:24	18'-20'	S		X	4			
6	SD-21A	4/11/14	11:29	0'-2'	S		X	4			
7	SD-21B	4/11/14	11:32	8'-10'	S		X	4			
8	SD-21C	4/11/14	11:37	18'-20'	S		X	4			
9	SD-22A	4/11/14	11:41	0'-2'	S		X	4			
10	SD-22B	4/11/14	11:43	8'-10'	S		X	4			

	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)
1	X											
2	X											
3	X											
4	X											
5	X											
6	X											
7	X											
8	X											
9	X											
10	X											

Remarks: Sample Clean-ups are pre-approved as needed

From: Rcv by: Date Addn:

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) A.R.	4/12/14 10:18	2)	4/12/14 10:10
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp: 1.4 JC

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Preservatives: Various (V), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (A), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (A), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 265041

Lab Only: WO# 483262.

Company-City: Contour Engineering, LLC - Kennesaw, GA	Phone: 770-794-0266
Proj Name-Location: Imperial Cleaners - Roswell, GA	☒ Previously done at XENCO; Project ID: GBFC817
Proj State: AL, FL, (GA) LA, MS, NC, NJ, PA, SC, TN, TX, UT Other	Proj. Manager (PM): Kevin McGowan
e-Mail Results to: ☒ PM or	Fax No:
Invoice to: ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:	
Quote/Pricing:	P.O No: ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA	
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:	
Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)	
Sampler Name: Andrew Robbie Signature: Andrew Maj	

TAT: ASAP 5h 12h 24h 48h (3d) 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

#	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	
1	SD-22C	4/11/14	11:48	18'-20'	S		X	4				X													1
2	SD-23A	4/11/14	12:38	0'-2'	S		X	4				X													2
3	SD-23B	4/11/14	12:41	8'-10'	S		X	4				X													3
4	SD-23C	4/11/14	12:45	18-20'	S		X	4				X													4
5	SD-24A	4/11/14	12:54	0'-2'	S		X	4				X													5
6	SD-24B	4/11/14	12:59	8'-10'	S		X	4				X													6
7	SD-24C	4/11/14	13:04	18'-20'	S		X	4				X													7
8																									8
9																									9
10																									10

Addn: Rcv by: From: Date

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time	Total Containers per COC:	Cooler Temp:
1) A.R. Andrew Maj	4/12/14 10:18	2)	4/12/14 10:18		1.4
3)		4)			
5)		6)			

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Preservatives: Various (V), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

Client: Contour Engineering, LLC

Date/ Time Received: 04/12/2014 10:10:00 AM

Work Order #: 483267

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : #61

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	1.4	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6 *Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Sample instructions complete on Chain of Custody?	**Yes**	
#9 Any missing/extra samples?	**No**	
#10 Chain of Custody signed when relinquished/ received?	**Yes**	
#11 Chain of Custody agrees with sample label(s)?	**Yes**	
#12 Container label(s) legible and intact?	**Yes**	
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**	
#14 Samples in proper container/ bottle?	**Yes**	
#15 Samples properly preserved?	**Yes**	Soil VOCs submitted in pre-weighed DI Water Vials for this WO. Frozen upon receipt at the lab.
#16 Sample container(s) intact?	**Yes**	
#17 Sufficient sample amount for indicated test(s)?	**Yes**	
#18 All samples received within hold time?	**Yes**	
#19 Subcontract of sample(s)?	**No**	
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**	
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**	
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Dario Lagunas Date: 04/12/2014

Checklist reviewed by: Eben Buchanan Date: 04/14/2014

Analytical Report 484145

for

Contour Engineering, LLC

Project Manager: Kevin McGowan

Imperial Cleaners - Roswell, GA

01-MAY-14

Collected By: Client

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-14-16-TX), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
New Jersey (TX007), North Carolina(681), Oklahoma (9218), Pennsylvania (68-03610)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Lakeland: Florida (E84098)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories
Florida Testing Services, LLC

01-MAY-14

Project Manager: **Kevin McGowan**
Contour Engineering, LLC
1955 Vaughn Road, Suite 101
Kennesaw, GA 30144

Reference: XENCO Report No(s): **484145**
Imperial Cleaners - Roswell, GA
Project Address: GA

Kevin McGowan:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 484145. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 484145 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Eben D. Buchanan, Jr.

Eben Buchanan
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

Sample Cross Reference 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SD-34A	S	04-25-14 09:03	0 - 2 ft	484145-001
SD-34B	S	04-25-14 09:10	8 - 10	484145-002
SD-34C	S	04-25-14 09:17	18 - 20	484145-003
SD-32A	S	04-25-14 09:49	0 - 2	484145-004
SD-32B	S	04-25-14 09:54	8 - 10	484145-005
SD-32C	S	04-25-14 10:00	18 - 20	484145-006
SD-33A	S	04-25-14 10:34	0 - 2	484145-007
SD-33B	S	04-25-14 10:38	8 - 10	484145-008
SD-33C	S	04-25-14 10:42	18 - 20	484145-009
SD-31A	S	04-25-14 10:58	0 - 2	484145-010
SD-31B	S	04-25-14 11:03	8 - 10	484145-011
SD-31C	S	04-25-14 11:08	18 - 20	484145-012
SD-29A	S	04-25-14 11:24	0 - 2	484145-013
SD-29B	S	04-25-14 11:36	8 - 10	484145-014
SD-29C	S	04-25-14 11:41	18 - 20	484145-015
SD-30A	S	04-25-14 12:10	0 - 2	484145-016
SD-30B	S	04-25-14 12:14	8 - 10	484145-017
SD-30C	S	04-25-14 12:18	18 - 20	484145-018
SD-28A	S	04-25-14 13:18	0 - 2	484145-019
SD-28B	S	04-25-14 13:22	8 - 10	484145-020
SD-28C	S	04-25-14 13:26	18 - 20	484145-021
SD-27A	S	04-25-14 13:40	0 - 2	484145-022
SD-27B	S	04-25-14 13:44	8 - 10	484145-023
SD-27C	S	04-25-14 13:47	18 - 20	484145-024
SD-26A	S	04-25-14 14:00	0 - 2	484145-025
SD-26B	S	04-25-14 14:04	8 - 10	484145-026
SD-26C	S	04-25-14 14:08	18 - 20	484145-027
SD-25A	S	04-25-14 14:30	0 - 2	484145-028
SD-25B	S	04-25-14 14:34	8 - 10	484145-029
SD-25C	S	04-25-14 14:38	18 - 20	484145-030
SD-35A	S	04-25-14 14:54	0 - 2	484145-031
SD-35B	S	04-25-14 14:58	8 - 10	484145-032
SD-35C	S	04-25-14 15:01	18 - 20	484145-033
LY-3	W	04-25-14 15:40	17.8 ft	484145-034
LY-2	W	04-25-14 17:15	14.5 ft	484145-035
Trip Blank	W	04-25-14 00:00		484145-036

CASE NARRATIVE

Client Name: Contour Engineering, LLC
Project Name: Imperial Cleaners - Roswell, GA

Project ID:
Work Order Number(s): *484145*

Report Date: *01-MAY-14*
Date Received: *04/26/2014*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-939612 VOCs by SW-846 8260B
2-Hexanone RPD between matrix spike and duplicate was outside QC limits.
Samples affected are: 484145-036

Batch: LBA-939725 VOCs by SW-846 8260B
1,2-Dibromo-3-chloropropane (DBCP) , 2-Butanone (MEK) RPD was outside laboratory control limits.
Samples affected are: 484145-022, -023, -024, -019, -026, -018, -020, -021, -027, -028, -025

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-32A**
Lab Sample Id : 484145-004
Sample Depth : 0 - 2

Matrix : Soil
Date Collected : 04.25.14 09.49
Date Received : 04.26.14 09.53

% Moisture : 19.93
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939616

Prep Method: SW5035A
Date Prep: 04.28.14 06.48

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0349	mg/kg	04.28.14 11.48		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-32B**
Lab Sample Id : 484145-005
Sample Depth : 8 - 10

Matrix : Soil
Date Collected : 04.25.14 09.54
Date Received : 04.26.14 09.53

% Moisture : 18.27
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939616

Prep Method: SW5035A
Date Prep: 04.28.14 06.48

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0409	mg/kg	04.28.14 17.45		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-32C**
Lab Sample Id : 484145-006
Sample Depth : 18 - 20

Matrix : Soil
Date Collected : 04.25.14 10.00
Date Received : 04.26.14 09.53

% Moisture : 21.19
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939616

Prep Method: SW5035A
Date Prep: 04.28.14 06.48

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.249	mg/kg	04.28.14 12.39		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-33A**
Lab Sample Id : 484145-007
Sample Depth : 0 - 2

Matrix : Soil
Date Collected : 04.25.14 10.34
Date Received : 04.26.14 09.53

% Moisture : 17.94
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939616

Prep Method: SW5035A
Date Prep: 04.28.14 06.48

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0399	mg/kg	04.28.14 13.05		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-33B**
Lab Sample Id : 484145-008
Sample Depth : 8 - 10

Matrix : Soil
Date Collected : 04.25.14 10.38
Date Received : 04.26.14 09.53

% Moisture : 19.61
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939616

Prep Method: SW5035A
Date Prep: 04.28.14 06.48

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.113	mg/kg	04.28.14 13.30		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-33C**
Lab Sample Id : 484145-009
Sample Depth : 18 - 20

Matrix : Soil
Date Collected : 04.25.14 10.42
Date Received : 04.26.14 09.53

% Moisture : 22.77
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939616

Prep Method: SW5035A
Date Prep: 04.28.14 06.56

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.345	mg/kg	04.28.14 16.15	D	50

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-31A**
Lab Sample Id : 484145-010
Sample Depth : 0 - 2

Matrix : Soil
Date Collected : 04.25.14 10.58
Date Received : 04.26.14 09.53

% Moisture : 15.09
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939616

Prep Method: SW5035A
Date Prep: 04.28.14 06.48

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0155	mg/kg	04.28.14 14.21		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-31C**
Lab Sample Id : 484145-012
Sample Depth : 18 - 20

Matrix : Soil
Date Collected : 04.25.14 11.08
Date Received : 04.26.14 09.53

% Moisture : 23.89
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939616

Prep Method: SW5035A
Date Prep: 04.28.14 06.48

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.101	mg/kg	04.28.14 15.12		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-29A**
Lab Sample Id : 484145-013
Sample Depth : 0 - 2

Matrix : Soil
Date Collected : 04.25.14 11.24
Date Received : 04.26.14 09.53

% Moisture : 17.89
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939616

Prep Method: SW5035A
Date Prep: 04.28.14 06.48

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Ethylbenzene	100-41-4	0.00621	mg/kg	04.28.14 15.37		1
m,p-Xylenes	179601-23-1	0.0274	mg/kg	04.28.14 15.37		1
o-Xylene	95-47-6	0.0131	mg/kg	04.28.14 15.37		1
Tetrachloroethene	127-18-4	0.0166	mg/kg	04.28.14 15.37		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-29B**
Lab Sample Id : 484145-014
Sample Depth : 8 - 10

Matrix : Soil
Date Collected : 04.25.14 11.36
Date Received : 04.26.14 09.53

% Moisture : 17.08
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939616

Prep Method: SW5035A
Date Prep: 04.28.14 06.48

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0378	mg/kg	04.28.14 16.03		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-29C**
Lab Sample Id : 484145-015
Sample Depth : 18 - 20

Matrix : Soil
Date Collected : 04.25.14 11.41
Date Received : 04.26.14 09.53

% Moisture : 22.15
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939616

Prep Method: SW5035A
Date Prep: 04.28.14 06.48

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.150	mg/kg	04.28.14 16.28		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-30C**
Lab Sample Id : 484145-018
Sample Depth : 18 - 20

Matrix : Soil
Date Collected : 04.25.14 12.18
Date Received : 04.26.14 09.53

% Moisture : 21.63
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939725

Prep Method: SW5035A
Date Prep: 04.29.14 07.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0307	mg/kg	04.29.14 19.11		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-28A**
Lab Sample Id : 484145-019
Sample Depth : 0 - 2

Matrix : Soil
Date Collected : 04.25.14 13.18
Date Received : 04.26.14 09.53

% Moisture : 14.49
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939725

Prep Method: SW5035A
Date Prep: 04.29.14 07.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.00761	mg/kg	04.29.14 14.55		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-28B**
Lab Sample Id : 484145-020
Sample Depth : 8 - 10

Matrix : Soil
Date Collected : 04.25.14 13.22
Date Received : 04.26.14 09.53

% Moisture : 17.53
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939725

Prep Method: SW5035A
Date Prep: 04.29.14 07.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0450	mg/kg	04.29.14 15.21		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-28C**
Lab Sample Id : 484145-021
Sample Depth : 18 - 20

Matrix : Soil
Date Collected : 04.25.14 13.26
Date Received : 04.26.14 09.53

% Moisture : 22.1
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939725

Prep Method: SW5035A
Date Prep: 04.29.14 07.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0929	mg/kg	04.29.14 15.46		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-27A**
Lab Sample Id : 484145-022
Sample Depth : 0 - 2

Matrix : Soil
Date Collected : 04.25.14 13.40
Date Received : 04.26.14 09.53

% Moisture : 15.42
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939725

Prep Method: SW5035A
Date Prep: 04.29.14 07.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
cis-1,2-Dichloroethene	156-59-2	0.00994	mg/kg	04.29.14 16.12		1
Tetrachloroethene	127-18-4	0.0664	mg/kg	04.29.14 16.12		1
Trichloroethene	79-01-6	0.0124	mg/kg	04.29.14 16.12		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-27B**
Lab Sample Id : 484145-023
Sample Depth : 8 - 10

Matrix : Soil
Date Collected : 04.25.14 13.44
Date Received : 04.26.14 09.53

% Moisture : 17.17
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939725

Prep Method: SW5035A
Date Prep: 04.29.14 07.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0155	mg/kg	04.29.14 16.37		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-27C**
Lab Sample Id : 484145-024
Sample Depth : 18 - 20

Matrix : Soil
Date Collected : 04.25.14 13.47
Date Received : 04.26.14 09.53

% Moisture : 25
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939725

Prep Method: SW5035A
Date Prep: 04.29.14 07.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.104	mg/kg	04.29.14 17.03		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-26A**
Lab Sample Id : 484145-025
Sample Depth : 0 - 2

Matrix : Soil
Date Collected : 04.25.14 14.00
Date Received : 04.26.14 09.53

% Moisture : 14.98
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939725

Prep Method: SW5035A
Date Prep: 04.29.14 07.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.00551	mg/kg	04.29.14 17.29		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-26C**
Lab Sample Id : 484145-027
Sample Depth : 18 - 20

Matrix : Soil
Date Collected : 04.25.14 14.08
Date Received : 04.26.14 09.53

% Moisture : 21.02
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939725

Prep Method: SW5035A
Date Prep: 04.29.14 07.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0474	mg/kg	04.29.14 18.20		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-25A**
Lab Sample Id : 484145-028
Sample Depth : 0 - 2

Matrix : Soil
Date Collected : 04.25.14 14.30
Date Received : 04.26.14 09.53

% Moisture : 19.52
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939725

Prep Method: SW5035A
Date Prep: 04.29.14 07.49

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0481	mg/kg	04.29.14 18.45		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-25B**
Lab Sample Id : 484145-029
Sample Depth : 8 - 10

Matrix : Soil
Date Collected : 04.25.14 14.34
Date Received : 04.26.14 09.53

% Moisture : 20.72
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939770

Prep Method: SW5035A
Date Prep: 04.30.14 08.14

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0507	mg/kg	04.30.14 11.40		1

Hits Summary 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id : **SD-25C**
Lab Sample Id : 484145-030
Sample Depth : 18 - 20

Matrix : Soil
Date Collected : 04.25.14 14.38
Date Received : 04.26.14 09.53

% Moisture : 21.21
Basis : Dry Weight

Analytical Method : VOCs by SW-846 8260B
Seq Number 939770

Prep Method: SW5035A
Date Prep: 04.30.14 08.14

Parameter	Cas Number	Result	Units	Analysis Date	Flag	Dil
Tetrachloroethene	127-18-4	0.0694	mg/kg	04.30.14 12.05		1

Certificate of Analytical Results 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-34A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-001	Date Collected:	04.25.14 09.03	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	16.83
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0503	mg/kg	04.28.14 10.32	U	1
2-Hexanone	591-78-6	BRL	0.0503	mg/kg	04.28.14 10.32	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0503	mg/kg	04.28.14 10.32	U	1
Acetone	67-64-1	BRL	0.0503	mg/kg	04.28.14 10.32	U	1
Benzene	71-43-2	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Bromochloromethane	74-97-5	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Bromodichloromethane	75-27-4	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Bromoform	75-25-2	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Bromomethane	74-83-9	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Carbon disulfide	75-15-0	BRL	0.0201	mg/kg	04.28.14 10.32	U	1
Carbon tetrachloride	56-23-5	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Chlorobenzene	108-90-7	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Chloroethane	75-00-3	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Chloroform	67-66-3	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Chloromethane	74-87-3	BRL	0.0101	mg/kg	04.28.14 10.32	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Cyclohexane	110-82-7	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Dibromochloromethane	124-48-1	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Ethylbenzene	100-41-4	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Isopropylbenzene	98-82-8	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
m,p-Xylenes	179601-23-1	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Methyl acetate	79-20-9	BRL	0.00503	mg/kg	04.28.14 10.32	U	1

Certificate of Analytical Results 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-34A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-001	Date Collected:	04.25.14 09.03	Sample Depth:	0 - 2 ft
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	16.83
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Methylcyclohexane	108-87-2	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Methylene chloride	75-09-2	BRL	0.0201	mg/kg	04.28.14 10.32	U	1
o-Xylene	95-47-6	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Styrene	100-42-5	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Tetrachloroethene	127-18-4	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Toluene	108-88-3	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Trichloroethene	79-01-6	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00503	mg/kg	04.28.14 10.32	U	1
Vinyl chloride	75-01-4	BRL	0.00503	mg/kg	04.28.14 10.32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	86	%	50-150	04.28.14 10.32	
4-Bromofluorobenzene	460-00-4	106	%	57-158	04.28.14 10.32	
Toluene-D8	2037-26-5	92	%	50-150	04.28.14 10.32	

Certificate of Analytical Results 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-32A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-004	Date Collected:	04.25.14 09.49	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	19.93
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0656	mg/kg	04.28.14 11.48	U	1
2-Hexanone	591-78-6	BRL	0.0656	mg/kg	04.28.14 11.48	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0656	mg/kg	04.28.14 11.48	U	1
Acetone	67-64-1	BRL	0.0656	mg/kg	04.28.14 11.48	U	1
Benzene	71-43-2	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Bromochloromethane	74-97-5	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Bromodichloromethane	75-27-4	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Bromoform	75-25-2	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Bromomethane	74-83-9	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Carbon disulfide	75-15-0	BRL	0.0262	mg/kg	04.28.14 11.48	U	1
Carbon tetrachloride	56-23-5	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Chlorobenzene	108-90-7	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Chloroethane	75-00-3	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Chloroform	67-66-3	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Chloromethane	74-87-3	BRL	0.0131	mg/kg	04.28.14 11.48	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Cyclohexane	110-82-7	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Dibromochloromethane	124-48-1	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Ethylbenzene	100-41-4	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Isopropylbenzene	98-82-8	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
m,p-Xylenes	179601-23-1	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Methyl acetate	79-20-9	BRL	0.00656	mg/kg	04.28.14 11.48	U	1

Certificate of Analytical Results 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-32A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-004	Date Collected:	04.25.14 09.49	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	19.93
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Methylcyclohexane	108-87-2	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Methylene chloride	75-09-2	BRL	0.0262	mg/kg	04.28.14 11.48	U	1
o-Xylene	95-47-6	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Styrene	100-42-5	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Tetrachloroethene	127-18-4	**0.0349**	0.00656	mg/kg	04.28.14 11.48		1
Toluene	108-88-3	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Trichloroethene	79-01-6	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00656	mg/kg	04.28.14 11.48	U	1
Vinyl chloride	75-01-4	BRL	0.00656	mg/kg	04.28.14 11.48	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	106	%	50-150	04.28.14 11.48	
4-Bromofluorobenzene	460-00-4	111	%	57-158	04.28.14 11.48	
Toluene-D8	2037-26-5	96	%	50-150	04.28.14 11.48	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-32B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-005	Date Collected:	04.25.14 09.54	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	18.27
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0479	mg/kg	04.28.14 17.45	U	1
2-Hexanone	591-78-6	BRL	0.0479	mg/kg	04.28.14 17.45	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0479	mg/kg	04.28.14 17.45	U	1
Acetone	67-64-1	BRL	0.0479	mg/kg	04.28.14 17.45	U	1
Benzene	71-43-2	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Bromochloromethane	74-97-5	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Bromodichloromethane	75-27-4	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Bromoform	75-25-2	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Bromomethane	74-83-9	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Carbon disulfide	75-15-0	BRL	0.0191	mg/kg	04.28.14 17.45	U	1
Carbon tetrachloride	56-23-5	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Chlorobenzene	108-90-7	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Chloroethane	75-00-3	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Chloroform	67-66-3	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Chloromethane	74-87-3	BRL	0.00957	mg/kg	04.28.14 17.45	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Cyclohexane	110-82-7	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Dibromochloromethane	124-48-1	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Ethylbenzene	100-41-4	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Isopropylbenzene	98-82-8	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
m,p-Xylenes	179601-23-1	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Methyl acetate	79-20-9	BRL	0.00479	mg/kg	04.28.14 17.45	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-32B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-005	Date Collected:	04.25.14 09.54	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	18.27
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Methylcyclohexane	108-87-2	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Methylene chloride	75-09-2	BRL	0.0191	mg/kg	04.28.14 17.45	U	1
o-Xylene	95-47-6	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Styrene	100-42-5	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Tetrachloroethene	127-18-4	**0.0409**	0.00479	mg/kg	04.28.14 17.45		1
Toluene	108-88-3	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Trichloroethene	79-01-6	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00479	mg/kg	04.28.14 17.45	U	1
Vinyl chloride	75-01-4	BRL	0.00479	mg/kg	04.28.14 17.45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	117	%	50-150	04.28.14 17.45	
4-Bromofluorobenzene	460-00-4	115	%	57-158	04.28.14 17.45	
Toluene-D8	2037-26-5	88	%	50-150	04.28.14 17.45	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-32C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-006	Date Collected:	04.25.14 10.00	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	21.19
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0623	mg/kg	04.28.14 12.39	U	1
2-Hexanone	591-78-6	BRL	0.0623	mg/kg	04.28.14 12.39	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0623	mg/kg	04.28.14 12.39	U	1
Acetone	67-64-1	BRL	0.0623	mg/kg	04.28.14 12.39	U	1
Benzene	71-43-2	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Bromochloromethane	74-97-5	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Bromodichloromethane	75-27-4	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Bromoform	75-25-2	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Bromomethane	74-83-9	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Carbon disulfide	75-15-0	BRL	0.0249	mg/kg	04.28.14 12.39	U	1
Carbon tetrachloride	56-23-5	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Chlorobenzene	108-90-7	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Chloroethane	75-00-3	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Chloroform	67-66-3	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Chloromethane	74-87-3	BRL	0.0125	mg/kg	04.28.14 12.39	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Cyclohexane	110-82-7	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Dibromochloromethane	124-48-1	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Ethylbenzene	100-41-4	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Isopropylbenzene	98-82-8	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
m,p-Xylenes	179601-23-1	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Methyl acetate	79-20-9	BRL	0.00623	mg/kg	04.28.14 12.39	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-32C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-006	Date Collected:	04.25.14 10.00	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	21.19
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Methylcyclohexane	108-87-2	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Methylene chloride	75-09-2	BRL	0.0249	mg/kg	04.28.14 12.39	U	1
o-Xylene	95-47-6	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Styrene	100-42-5	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Tetrachloroethene	127-18-4	**0.249**	0.00623	mg/kg	04.28.14 12.39		1
Toluene	108-88-3	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Trichloroethene	79-01-6	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00623	mg/kg	04.28.14 12.39	U	1
Vinyl chloride	75-01-4	BRL	0.00623	mg/kg	04.28.14 12.39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	107	%	50-150	04.28.14 12.39	
4-Bromofluorobenzene	460-00-4	113	%	57-158	04.28.14 12.39	
Toluene-D8	2037-26-5	87	%	50-150	04.28.14 12.39	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-33A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-007	Date Collected:	04.25.14 10.34	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	17.94
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0500	mg/kg	04.28.14 13.05	U	1
2-Hexanone	591-78-6	BRL	0.0500	mg/kg	04.28.14 13.05	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0500	mg/kg	04.28.14 13.05	U	1
Acetone	67-64-1	BRL	0.0500	mg/kg	04.28.14 13.05	U	1
Benzene	71-43-2	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Bromochloromethane	74-97-5	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Bromodichloromethane	75-27-4	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Bromoform	75-25-2	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Bromomethane	74-83-9	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Carbon disulfide	75-15-0	BRL	0.0200	mg/kg	04.28.14 13.05	U	1
Carbon tetrachloride	56-23-5	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Chlorobenzene	108-90-7	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Chloroethane	75-00-3	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Chloroform	67-66-3	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Chloromethane	74-87-3	BRL	0.0100	mg/kg	04.28.14 13.05	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Cyclohexane	110-82-7	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Dibromochloromethane	124-48-1	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Ethylbenzene	100-41-4	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Isopropylbenzene	98-82-8	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
m,p-Xylenes	179601-23-1	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Methyl acetate	79-20-9	BRL	0.00500	mg/kg	04.28.14 13.05	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-33A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-007	Date Collected:	04.25.14 10.34	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	17.94
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Methylcyclohexane	108-87-2	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Methylene chloride	75-09-2	BRL	0.0200	mg/kg	04.28.14 13.05	U	1
o-Xylene	95-47-6	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Styrene	100-42-5	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Tetrachloroethene	127-18-4	**0.0399**	0.00500	mg/kg	04.28.14 13.05		1
Toluene	108-88-3	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Trichloroethene	79-01-6	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00500	mg/kg	04.28.14 13.05	U	1
Vinyl chloride	75-01-4	BRL	0.00500	mg/kg	04.28.14 13.05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	109	%	50-150	04.28.14 13.05	
4-Bromofluorobenzene	460-00-4	110	%	57-158	04.28.14 13.05	
Toluene-D8	2037-26-5	92	%	50-150	04.28.14 13.05	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-33B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-008	Date Collected:	04.25.14 10.38	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	19.61
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0470	mg/kg	04.28.14 13.30	U	1
2-Hexanone	591-78-6	BRL	0.0470	mg/kg	04.28.14 13.30	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0470	mg/kg	04.28.14 13.30	U	1
Acetone	67-64-1	BRL	0.0470	mg/kg	04.28.14 13.30	U	1
Benzene	71-43-2	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Bromochloromethane	74-97-5	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Bromodichloromethane	75-27-4	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Bromoform	75-25-2	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Bromomethane	74-83-9	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Carbon disulfide	75-15-0	BRL	0.0188	mg/kg	04.28.14 13.30	U	1
Carbon tetrachloride	56-23-5	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Chlorobenzene	108-90-7	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Chloroethane	75-00-3	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Chloroform	67-66-3	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Chloromethane	74-87-3	BRL	0.00940	mg/kg	04.28.14 13.30	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Cyclohexane	110-82-7	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Dibromochloromethane	124-48-1	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Ethylbenzene	100-41-4	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Isopropylbenzene	98-82-8	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
m,p-Xylenes	179601-23-1	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Methyl acetate	79-20-9	BRL	0.00470	mg/kg	04.28.14 13.30	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-33B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-008	Date Collected:	04.25.14 10.38	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	19.61
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Methylcyclohexane	108-87-2	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Methylene chloride	75-09-2	BRL	0.0188	mg/kg	04.28.14 13.30	U	1
o-Xylene	95-47-6	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Styrene	100-42-5	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Tetrachloroethene	127-18-4	**0.113**	0.00470	mg/kg	04.28.14 13.30		1
Toluene	108-88-3	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Trichloroethene	79-01-6	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00470	mg/kg	04.28.14 13.30	U	1
Vinyl chloride	75-01-4	BRL	0.00470	mg/kg	04.28.14 13.30	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	107	%	50-150	04.28.14 13.30	
4-Bromofluorobenzene	460-00-4	106	%	57-158	04.28.14 13.30	
Toluene-D8	2037-26-5	97	%	50-150	04.28.14 13.30	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-33C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-009	Date Collected:	04.25.14 10.42	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	22.77
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0487	mg/kg	04.28.14 13.56	U	1
2-Hexanone	591-78-6	BRL	0.0487	mg/kg	04.28.14 13.56	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0487	mg/kg	04.28.14 13.56	U	1
Acetone	67-64-1	BRL	0.0487	mg/kg	04.28.14 13.56	U	1
Benzene	71-43-2	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Bromochloromethane	74-97-5	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Bromodichloromethane	75-27-4	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Bromoform	75-25-2	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Bromomethane	74-83-9	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Carbon disulfide	75-15-0	BRL	0.0195	mg/kg	04.28.14 13.56	U	1
Carbon tetrachloride	56-23-5	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Chlorobenzene	108-90-7	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Chloroethane	75-00-3	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Chloroform	67-66-3	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Chloromethane	74-87-3	BRL	0.00974	mg/kg	04.28.14 13.56	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Cyclohexane	110-82-7	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Dibromochloromethane	124-48-1	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Ethylbenzene	100-41-4	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Isopropylbenzene	98-82-8	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
m,p-Xylenes	179601-23-1	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Methyl acetate	79-20-9	BRL	0.00487	mg/kg	04.28.14 13.56	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-33C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-009	Date Collected:	04.25.14 10.42	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	22.77
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Methylcyclohexane	108-87-2	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Methylene chloride	75-09-2	BRL	0.0195	mg/kg	04.28.14 13.56	U	1
o-Xylene	95-47-6	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Styrene	100-42-5	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Tetrachloroethene	127-18-4	**0.345**	0.324	mg/kg	04.28.14 16.15	D	50
Toluene	108-88-3	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Trichloroethene	79-01-6	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00487	mg/kg	04.28.14 13.56	U	1
Vinyl chloride	75-01-4	BRL	0.00487	mg/kg	04.28.14 13.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	111	%	50-150	04.28.14 13.56	
4-Bromofluorobenzene	460-00-4	112	%	57-158	04.28.14 13.56	
Toluene-D8	2037-26-5	93	%	50-150	04.28.14 13.56	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-31A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-010	Date Collected:	04.25.14 10.58	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	15.09
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0434	mg/kg	04.28.14 14.21	U	1
2-Hexanone	591-78-6	BRL	0.0434	mg/kg	04.28.14 14.21	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0434	mg/kg	04.28.14 14.21	U	1
Acetone	67-64-1	BRL	0.0434	mg/kg	04.28.14 14.21	U	1
Benzene	71-43-2	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Bromochloromethane	74-97-5	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Bromodichloromethane	75-27-4	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Bromoform	75-25-2	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Bromomethane	74-83-9	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Carbon disulfide	75-15-0	BRL	0.0173	mg/kg	04.28.14 14.21	U	1
Carbon tetrachloride	56-23-5	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Chlorobenzene	108-90-7	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Chloroethane	75-00-3	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Chloroform	67-66-3	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Chloromethane	74-87-3	BRL	0.00867	mg/kg	04.28.14 14.21	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Cyclohexane	110-82-7	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Dibromochloromethane	124-48-1	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Ethylbenzene	100-41-4	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Isopropylbenzene	98-82-8	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
m,p-Xylenes	179601-23-1	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Methyl acetate	79-20-9	BRL	0.00434	mg/kg	04.28.14 14.21	U	1

Certificate of Analytical Results 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-31A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-010	Date Collected:	04.25.14 10.58	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	15.09
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Methylcyclohexane	108-87-2	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Methylene chloride	75-09-2	BRL	0.0173	mg/kg	04.28.14 14.21	U	1
o-Xylene	95-47-6	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Styrene	100-42-5	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Tetrachloroethene	127-18-4	**0.0155**	0.00434	mg/kg	04.28.14 14.21		1
Toluene	108-88-3	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Trichloroethene	79-01-6	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00434	mg/kg	04.28.14 14.21	U	1
Vinyl chloride	75-01-4	BRL	0.00434	mg/kg	04.28.14 14.21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	102	%	50-150	04.28.14 14.21	
4-Bromofluorobenzene	460-00-4	110	%	57-158	04.28.14 14.21	
Toluene-D8	2037-26-5	94	%	50-150	04.28.14 14.21	

Certificate of Analytical Results 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-31B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-011	Date Collected:	04.25.14 11.03	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	18.05
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0430	mg/kg	04.28.14 14.47	U	1
2-Hexanone	591-78-6	BRL	0.0430	mg/kg	04.28.14 14.47	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0430	mg/kg	04.28.14 14.47	U	1
Acetone	67-64-1	BRL	0.0430	mg/kg	04.28.14 14.47	U	1
Benzene	71-43-2	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Bromochloromethane	74-97-5	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Bromodichloromethane	75-27-4	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Bromoform	75-25-2	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Bromomethane	74-83-9	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Carbon disulfide	75-15-0	BRL	0.0172	mg/kg	04.28.14 14.47	U	1
Carbon tetrachloride	56-23-5	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Chlorobenzene	108-90-7	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Chloroethane	75-00-3	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Chloroform	67-66-3	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Chloromethane	74-87-3	BRL	0.00859	mg/kg	04.28.14 14.47	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Cyclohexane	110-82-7	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Dibromochloromethane	124-48-1	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Ethylbenzene	100-41-4	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Isopropylbenzene	98-82-8	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
m,p-Xylenes	179601-23-1	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Methyl acetate	79-20-9	BRL	0.00430	mg/kg	04.28.14 14.47	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-31B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-011	Date Collected:	04.25.14 11.03	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	18.05
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Methylcyclohexane	108-87-2	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Methylene chloride	75-09-2	BRL	0.0172	mg/kg	04.28.14 14.47	U	1
o-Xylene	95-47-6	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Styrene	100-42-5	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Tetrachloroethene	127-18-4	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Toluene	108-88-3	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Trichloroethene	79-01-6	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00430	mg/kg	04.28.14 14.47	U	1
Vinyl chloride	75-01-4	BRL	0.00430	mg/kg	04.28.14 14.47	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	102	%	50-150	04.28.14 14.47	
4-Bromofluorobenzene	460-00-4	109	%	57-158	04.28.14 14.47	
Toluene-D8	2037-26-5	89	%	50-150	04.28.14 14.47	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-31C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-012	Date Collected:	04.25.14 11.08	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	23.89
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0592	mg/kg	04.28.14 15.12	U	1
2-Hexanone	591-78-6	BRL	0.0592	mg/kg	04.28.14 15.12	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0592	mg/kg	04.28.14 15.12	U	1
Acetone	67-64-1	BRL	0.0592	mg/kg	04.28.14 15.12	U	1
Benzene	71-43-2	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Bromochloromethane	74-97-5	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Bromodichloromethane	75-27-4	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Bromoform	75-25-2	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Bromomethane	74-83-9	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Carbon disulfide	75-15-0	BRL	0.0237	mg/kg	04.28.14 15.12	U	1
Carbon tetrachloride	56-23-5	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Chlorobenzene	108-90-7	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Chloroethane	75-00-3	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Chloroform	67-66-3	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Chloromethane	74-87-3	BRL	0.0118	mg/kg	04.28.14 15.12	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Cyclohexane	110-82-7	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Dibromochloromethane	124-48-1	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Ethylbenzene	100-41-4	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Isopropylbenzene	98-82-8	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
m,p-Xylenes	179601-23-1	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Methyl acetate	79-20-9	BRL	0.00592	mg/kg	04.28.14 15.12	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-31C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-012	Date Collected:	04.25.14 11.08	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	23.89
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Methylcyclohexane	108-87-2	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Methylene chloride	75-09-2	BRL	0.0237	mg/kg	04.28.14 15.12	U	1
o-Xylene	95-47-6	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Styrene	100-42-5	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Tetrachloroethene	127-18-4	**0.101**	0.00592	mg/kg	04.28.14 15.12		1
Toluene	108-88-3	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Trichloroethene	79-01-6	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00592	mg/kg	04.28.14 15.12	U	1
Vinyl chloride	75-01-4	BRL	0.00592	mg/kg	04.28.14 15.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	114	%	50-150	04.28.14 15.12	
4-Bromofluorobenzene	460-00-4	107	%	57-158	04.28.14 15.12	
Toluene-D8	2037-26-5	91	%	50-150	04.28.14 15.12	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-29A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-013	Date Collected:	04.25.14 11.24	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	17.89
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0479	mg/kg	04.28.14 15.37	U	1
2-Hexanone	591-78-6	BRL	0.0479	mg/kg	04.28.14 15.37	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0479	mg/kg	04.28.14 15.37	U	1
Acetone	67-64-1	BRL	0.0479	mg/kg	04.28.14 15.37	U	1
Benzene	71-43-2	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Bromochloromethane	74-97-5	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Bromodichloromethane	75-27-4	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Bromoform	75-25-2	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Bromomethane	74-83-9	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Carbon disulfide	75-15-0	BRL	0.0192	mg/kg	04.28.14 15.37	U	1
Carbon tetrachloride	56-23-5	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Chlorobenzene	108-90-7	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Chloroethane	75-00-3	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Chloroform	67-66-3	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Chloromethane	74-87-3	BRL	0.00959	mg/kg	04.28.14 15.37	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Cyclohexane	110-82-7	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Dibromochloromethane	124-48-1	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Ethylbenzene	100-41-4	**0.00621**	0.00479	mg/kg	04.28.14 15.37		1
Isopropylbenzene	98-82-8	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
m,p-Xylenes	179601-23-1	**0.0274**	0.00479	mg/kg	04.28.14 15.37		1
Methyl acetate	79-20-9	BRL	0.00479	mg/kg	04.28.14 15.37	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-29A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-013	Date Collected:	04.25.14 11.24	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	17.89
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Methylcyclohexane	108-87-2	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Methylene chloride	75-09-2	BRL	0.0192	mg/kg	04.28.14 15.37	U	1
o-Xylene	95-47-6	**0.0131**	0.00479	mg/kg	04.28.14 15.37		1
Styrene	100-42-5	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Tetrachloroethene	127-18-4	**0.0166**	0.00479	mg/kg	04.28.14 15.37		1
Toluene	108-88-3	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Trichloroethene	79-01-6	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00479	mg/kg	04.28.14 15.37	U	1
Vinyl chloride	75-01-4	BRL	0.00479	mg/kg	04.28.14 15.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	114	%	50-150	04.28.14 15.37	
4-Bromofluorobenzene	460-00-4	109	%	57-158	04.28.14 15.37	
Toluene-D8	2037-26-5	88	%	50-150	04.28.14 15.37	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-29B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-014	Date Collected:	04.25.14 11.36	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	17.08
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0534	mg/kg	04.28.14 16.03	U	1
2-Hexanone	591-78-6	BRL	0.0534	mg/kg	04.28.14 16.03	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0534	mg/kg	04.28.14 16.03	U	1
Acetone	67-64-1	BRL	0.0534	mg/kg	04.28.14 16.03	U	1
Benzene	71-43-2	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Bromochloromethane	74-97-5	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Bromodichloromethane	75-27-4	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Bromoform	75-25-2	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Bromomethane	74-83-9	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Carbon disulfide	75-15-0	BRL	0.0213	mg/kg	04.28.14 16.03	U	1
Carbon tetrachloride	56-23-5	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Chlorobenzene	108-90-7	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Chloroethane	75-00-3	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Chloroform	67-66-3	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Chloromethane	74-87-3	BRL	0.0107	mg/kg	04.28.14 16.03	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Cyclohexane	110-82-7	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Dibromochloromethane	124-48-1	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Ethylbenzene	100-41-4	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Isopropylbenzene	98-82-8	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
m,p-Xylenes	179601-23-1	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Methyl acetate	79-20-9	BRL	0.00534	mg/kg	04.28.14 16.03	U	1

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Contour Engineering, LLC, Kennesaw, GA

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Sample Id:	**SD-29B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-014	Date Collected:	04.25.14 11.36	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	17.08
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Methylcyclohexane	108-87-2	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Methylene chloride	75-09-2	BRL	0.0213	mg/kg	04.28.14 16.03	U	1
o-Xylene	95-47-6	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Styrene	100-42-5	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Tetrachloroethene	127-18-4	**0.0378**	0.00534	mg/kg	04.28.14 16.03		1
Toluene	108-88-3	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Trichloroethene	79-01-6	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00534	mg/kg	04.28.14 16.03	U	1
Vinyl chloride	75-01-4	BRL	0.00534	mg/kg	04.28.14 16.03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	105	%	50-150	04.28.14 16.03	
4-Bromofluorobenzene	460-00-4	113	%	57-158	04.28.14 16.03	
Toluene-D8	2037-26-5	92	%	50-150	04.28.14 16.03	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-29C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-015	Date Collected:	04.25.14 11.41	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	22.15
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0536	mg/kg	04.28.14 16.28	U	1
2-Hexanone	591-78-6	BRL	0.0536	mg/kg	04.28.14 16.28	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0536	mg/kg	04.28.14 16.28	U	1
Acetone	67-64-1	BRL	0.0536	mg/kg	04.28.14 16.28	U	1
Benzene	71-43-2	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Bromochloromethane	74-97-5	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Bromodichloromethane	75-27-4	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Bromoform	75-25-2	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Bromomethane	74-83-9	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Carbon disulfide	75-15-0	BRL	0.0214	mg/kg	04.28.14 16.28	U	1
Carbon tetrachloride	56-23-5	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Chlorobenzene	108-90-7	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Chloroethane	75-00-3	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Chloroform	67-66-3	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Chloromethane	74-87-3	BRL	0.0107	mg/kg	04.28.14 16.28	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Cyclohexane	110-82-7	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Dibromochloromethane	124-48-1	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Ethylbenzene	100-41-4	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Isopropylbenzene	98-82-8	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
m,p-Xylenes	179601-23-1	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Methyl acetate	79-20-9	BRL	0.00536	mg/kg	04.28.14 16.28	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-29C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-015	Date Collected:	04.25.14 11.41	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	22.15
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Methylcyclohexane	108-87-2	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Methylene chloride	75-09-2	BRL	0.0214	mg/kg	04.28.14 16.28	U	1
o-Xylene	95-47-6	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Styrene	100-42-5	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Tetrachloroethene	127-18-4	**0.150**	0.00536	mg/kg	04.28.14 16.28		1
Toluene	108-88-3	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Trichloroethene	79-01-6	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00536	mg/kg	04.28.14 16.28	U	1
Vinyl chloride	75-01-4	BRL	0.00536	mg/kg	04.28.14 16.28	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	112	%	50-150	04.28.14 16.28	
4-Bromofluorobenzene	460-00-4	115	%	57-158	04.28.14 16.28	
Toluene-D8	2037-26-5	88	%	50-150	04.28.14 16.28	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-30A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-016	Date Collected:	04.25.14 12.10	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	14.16
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0483	mg/kg	04.28.14 16.54	U	1
2-Hexanone	591-78-6	BRL	0.0483	mg/kg	04.28.14 16.54	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0483	mg/kg	04.28.14 16.54	U	1
Acetone	67-64-1	BRL	0.0483	mg/kg	04.28.14 16.54	U	1
Benzene	71-43-2	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Bromochloromethane	74-97-5	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Bromodichloromethane	75-27-4	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Bromoform	75-25-2	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Bromomethane	74-83-9	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Carbon disulfide	75-15-0	BRL	0.0193	mg/kg	04.28.14 16.54	U	1
Carbon tetrachloride	56-23-5	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Chlorobenzene	108-90-7	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Chloroethane	75-00-3	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Chloroform	67-66-3	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Chloromethane	74-87-3	BRL	0.00966	mg/kg	04.28.14 16.54	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Cyclohexane	110-82-7	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Dibromochloromethane	124-48-1	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Ethylbenzene	100-41-4	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Isopropylbenzene	98-82-8	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
m,p-Xylenes	179601-23-1	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Methyl acetate	79-20-9	BRL	0.00483	mg/kg	04.28.14 16.54	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-30A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-016	Date Collected:	04.25.14 12.10	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	14.16
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Methylcyclohexane	108-87-2	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Methylene chloride	75-09-2	BRL	0.0193	mg/kg	04.28.14 16.54	U	1
o-Xylene	95-47-6	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Styrene	100-42-5	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Tetrachloroethene	127-18-4	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Toluene	108-88-3	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Trichloroethene	79-01-6	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00483	mg/kg	04.28.14 16.54	U	1
Vinyl chloride	75-01-4	BRL	0.00483	mg/kg	04.28.14 16.54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	114	%	50-150	04.28.14 16.54	
4-Bromofluorobenzene	460-00-4	111	%	57-158	04.28.14 16.54	
Toluene-D8	2037-26-5	92	%	50-150	04.28.14 16.54	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-30B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-017	Date Collected:	04.25.14 12.14	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	21.96
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0485	mg/kg	04.28.14 17.19	U	1
2-Hexanone	591-78-6	BRL	0.0485	mg/kg	04.28.14 17.19	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0485	mg/kg	04.28.14 17.19	U	1
Acetone	67-64-1	BRL	0.0485	mg/kg	04.28.14 17.19	U	1
Benzene	71-43-2	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Bromochloromethane	74-97-5	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Bromodichloromethane	75-27-4	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Bromoform	75-25-2	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Bromomethane	74-83-9	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Carbon disulfide	75-15-0	BRL	0.0194	mg/kg	04.28.14 17.19	U	1
Carbon tetrachloride	56-23-5	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Chlorobenzene	108-90-7	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Chloroethane	75-00-3	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Chloroform	67-66-3	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Chloromethane	74-87-3	BRL	0.00969	mg/kg	04.28.14 17.19	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Cyclohexane	110-82-7	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Dibromochloromethane	124-48-1	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Ethylbenzene	100-41-4	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Isopropylbenzene	98-82-8	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
m,p-Xylenes	179601-23-1	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Methyl acetate	79-20-9	BRL	0.00485	mg/kg	04.28.14 17.19	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-30B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-017	Date Collected:	04.25.14 12.14	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	MWE			% Moisture:	21.96
Analyst:	MLA	Date Prep:	04.28.14 06.48	Basis:	Dry Weight
Seq Number:	939616				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Methylcyclohexane	108-87-2	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Methylene chloride	75-09-2	BRL	0.0194	mg/kg	04.28.14 17.19	U	1
o-Xylene	95-47-6	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Styrene	100-42-5	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Tetrachloroethene	127-18-4	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Toluene	108-88-3	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Trichloroethene	79-01-6	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00485	mg/kg	04.28.14 17.19	U	1
Vinyl chloride	75-01-4	BRL	0.00485	mg/kg	04.28.14 17.19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	113	%	50-150	04.28.14 17.19	
4-Bromofluorobenzene	460-00-4	107	%	57-158	04.28.14 17.19	
Toluene-D8	2037-26-5	93	%	50-150	04.28.14 17.19	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-30C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-018	Date Collected:	04.25.14 12.18	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	21.63
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0634	mg/kg	04.29.14 19.11	U	1
2-Hexanone	591-78-6	BRL	0.0634	mg/kg	04.29.14 19.11	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0634	mg/kg	04.29.14 19.11	U	1
Acetone	67-64-1	BRL	0.0634	mg/kg	04.29.14 19.11	U	1
Benzene	71-43-2	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Bromochloromethane	74-97-5	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Bromodichloromethane	75-27-4	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Bromoform	75-25-2	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Bromomethane	74-83-9	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Carbon disulfide	75-15-0	BRL	0.0254	mg/kg	04.29.14 19.11	U	1
Carbon tetrachloride	56-23-5	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Chlorobenzene	108-90-7	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Chloroethane	75-00-3	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Chloroform	67-66-3	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Chloromethane	74-87-3	BRL	0.0127	mg/kg	04.29.14 19.11	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Cyclohexane	110-82-7	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Dibromochloromethane	124-48-1	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Ethylbenzene	100-41-4	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Isopropylbenzene	98-82-8	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
m,p-Xylenes	179601-23-1	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Methyl acetate	79-20-9	BRL	0.00634	mg/kg	04.29.14 19.11	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-30C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-018	Date Collected:	04.25.14 12.18	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	21.63
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Methylcyclohexane	108-87-2	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Methylene chloride	75-09-2	BRL	0.0254	mg/kg	04.29.14 19.11	U	1
o-Xylene	95-47-6	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Styrene	100-42-5	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Tetrachloroethene	127-18-4	**0.0307**	0.00634	mg/kg	04.29.14 19.11		1
Toluene	108-88-3	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Trichloroethene	79-01-6	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00634	mg/kg	04.29.14 19.11	U	1
Vinyl chloride	75-01-4	BRL	0.00634	mg/kg	04.29.14 19.11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	123	%	50-150	04.29.14 19.11	
4-Bromofluorobenzene	460-00-4	113	%	57-158	04.29.14 19.11	
Toluene-D8	2037-26-5	89	%	50-150	04.29.14 19.11	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-28A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-019	Date Collected:	04.25.14 13.18	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	14.49
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0552	mg/kg	04.29.14 14.55	U	1
2-Hexanone	591-78-6	BRL	0.0552	mg/kg	04.29.14 14.55	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0552	mg/kg	04.29.14 14.55	U	1
Acetone	67-64-1	BRL	0.0552	mg/kg	04.29.14 14.55	U	1
Benzene	71-43-2	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Bromochloromethane	74-97-5	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Bromodichloromethane	75-27-4	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Bromoform	75-25-2	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Bromomethane	74-83-9	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Carbon disulfide	75-15-0	BRL	0.0221	mg/kg	04.29.14 14.55	U	1
Carbon tetrachloride	56-23-5	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Chlorobenzene	108-90-7	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Chloroethane	75-00-3	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Chloroform	67-66-3	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Chloromethane	74-87-3	BRL	0.0110	mg/kg	04.29.14 14.55	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Cyclohexane	110-82-7	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Dibromochloromethane	124-48-1	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Ethylbenzene	100-41-4	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Isopropylbenzene	98-82-8	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
m,p-Xylenes	179601-23-1	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Methyl acetate	79-20-9	BRL	0.00552	mg/kg	04.29.14 14.55	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-28A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-019	Date Collected:	04.25.14 13.18	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	14.49
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Methylcyclohexane	108-87-2	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Methylene chloride	75-09-2	BRL	0.0221	mg/kg	04.29.14 14.55	U	1
o-Xylene	95-47-6	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Styrene	100-42-5	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Tetrachloroethene	127-18-4	**0.00761**	0.00552	mg/kg	04.29.14 14.55		1
Toluene	108-88-3	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Trichloroethene	79-01-6	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00552	mg/kg	04.29.14 14.55	U	1
Vinyl chloride	75-01-4	BRL	0.00552	mg/kg	04.29.14 14.55	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	110	%	50-150	04.29.14 14.55	
4-Bromofluorobenzene	460-00-4	107	%	57-158	04.29.14 14.55	
Toluene-D8	2037-26-5	92	%	50-150	04.29.14 14.55	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-28B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-020	Date Collected:	04.25.14 13.22	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	17.53
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0509	mg/kg	04.29.14 15.21	U	1
2-Hexanone	591-78-6	BRL	0.0509	mg/kg	04.29.14 15.21	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0509	mg/kg	04.29.14 15.21	U	1
Acetone	67-64-1	BRL	0.0509	mg/kg	04.29.14 15.21	U	1
Benzene	71-43-2	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Bromochloromethane	74-97-5	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Bromodichloromethane	75-27-4	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Bromoform	75-25-2	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Bromomethane	74-83-9	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Carbon disulfide	75-15-0	BRL	0.0204	mg/kg	04.29.14 15.21	U	1
Carbon tetrachloride	56-23-5	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Chlorobenzene	108-90-7	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Chloroethane	75-00-3	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Chloroform	67-66-3	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Chloromethane	74-87-3	BRL	0.0102	mg/kg	04.29.14 15.21	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Cyclohexane	110-82-7	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Dibromochloromethane	124-48-1	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Ethylbenzene	100-41-4	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Isopropylbenzene	98-82-8	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
m,p-Xylenes	179601-23-1	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Methyl acetate	79-20-9	BRL	0.00509	mg/kg	04.29.14 15.21	U	1

Certificate of Analytical Results 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-28B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-020	Date Collected:	04.25.14 13.22	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	17.53
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Methylcyclohexane	108-87-2	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Methylene chloride	75-09-2	BRL	0.0204	mg/kg	04.29.14 15.21	U	1
o-Xylene	95-47-6	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Styrene	100-42-5	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Tetrachloroethene	127-18-4	**0.0450**	0.00509	mg/kg	04.29.14 15.21		1
Toluene	108-88-3	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Trichloroethene	79-01-6	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00509	mg/kg	04.29.14 15.21	U	1
Vinyl chloride	75-01-4	BRL	0.00509	mg/kg	04.29.14 15.21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	117	%	50-150	04.29.14 15.21	
4-Bromofluorobenzene	460-00-4	104	%	57-158	04.29.14 15.21	
Toluene-D8	2037-26-5	95	%	50-150	04.29.14 15.21	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-28C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-021	Date Collected:	04.25.14 13.26	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	22.1
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0559	mg/kg	04.29.14 15.46	U	1
2-Hexanone	591-78-6	BRL	0.0559	mg/kg	04.29.14 15.46	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0559	mg/kg	04.29.14 15.46	U	1
Acetone	67-64-1	BRL	0.0559	mg/kg	04.29.14 15.46	U	1
Benzene	71-43-2	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Bromochloromethane	74-97-5	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Bromodichloromethane	75-27-4	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Bromoform	75-25-2	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Bromomethane	74-83-9	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Carbon disulfide	75-15-0	BRL	0.0224	mg/kg	04.29.14 15.46	U	1
Carbon tetrachloride	56-23-5	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Chlorobenzene	108-90-7	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Chloroethane	75-00-3	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Chloroform	67-66-3	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Chloromethane	74-87-3	BRL	0.0112	mg/kg	04.29.14 15.46	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Cyclohexane	110-82-7	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Dibromochloromethane	124-48-1	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Ethylbenzene	100-41-4	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Isopropylbenzene	98-82-8	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
m,p-Xylenes	179601-23-1	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Methyl acetate	79-20-9	BRL	0.00559	mg/kg	04.29.14 15.46	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-28C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-021	Date Collected:	04.25.14 13.26	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	22.1
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Methylcyclohexane	108-87-2	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Methylene chloride	75-09-2	BRL	0.0224	mg/kg	04.29.14 15.46	U	1
o-Xylene	95-47-6	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Styrene	100-42-5	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Tetrachloroethene	127-18-4	**0.0929**	0.00559	mg/kg	04.29.14 15.46		1
Toluene	108-88-3	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Trichloroethene	79-01-6	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00559	mg/kg	04.29.14 15.46	U	1
Vinyl chloride	75-01-4	BRL	0.00559	mg/kg	04.29.14 15.46	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	110	%	50-150	04.29.14 15.46	
4-Bromofluorobenzene	460-00-4	108	%	57-158	04.29.14 15.46	
Toluene-D8	2037-26-5	87	%	50-150	04.29.14 15.46	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-27A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-022	Date Collected:	04.25.14 13.40	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	15.42
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0502	mg/kg	04.29.14 16.12	U	1
2-Hexanone	591-78-6	BRL	0.0502	mg/kg	04.29.14 16.12	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0502	mg/kg	04.29.14 16.12	U	1
Acetone	67-64-1	BRL	0.0502	mg/kg	04.29.14 16.12	U	1
Benzene	71-43-2	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Bromochloromethane	74-97-5	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Bromodichloromethane	75-27-4	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Bromoform	75-25-2	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Bromomethane	74-83-9	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Carbon disulfide	75-15-0	BRL	0.0201	mg/kg	04.29.14 16.12	U	1
Carbon tetrachloride	56-23-5	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Chlorobenzene	108-90-7	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Chloroethane	75-00-3	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Chloroform	67-66-3	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Chloromethane	74-87-3	BRL	0.0100	mg/kg	04.29.14 16.12	U	1
cis-1,2-Dichloroethene	156-59-2	**0.00994**	0.00502	mg/kg	04.29.14 16.12		1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Cyclohexane	110-82-7	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Dibromochloromethane	124-48-1	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Ethylbenzene	100-41-4	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Isopropylbenzene	98-82-8	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
m,p-Xylenes	179601-23-1	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Methyl acetate	79-20-9	BRL	0.00502	mg/kg	04.29.14 16.12	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-27A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-022	Date Collected:	04.25.14 13.40	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	15.42
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Methylcyclohexane	108-87-2	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Methylene chloride	75-09-2	BRL	0.0201	mg/kg	04.29.14 16.12	U	1
o-Xylene	95-47-6	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Styrene	100-42-5	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Tetrachloroethene	127-18-4	**0.0664**	0.00502	mg/kg	04.29.14 16.12		1
Toluene	108-88-3	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Trichloroethene	79-01-6	**0.0124**	0.00502	mg/kg	04.29.14 16.12		1
Trichlorofluoromethane	75-69-4	BRL	0.00502	mg/kg	04.29.14 16.12	U	1
Vinyl chloride	75-01-4	BRL	0.00502	mg/kg	04.29.14 16.12	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	109	%	50-150	04.29.14 16.12	
4-Bromofluorobenzene	460-00-4	108	%	57-158	04.29.14 16.12	
Toluene-D8	2037-26-5	95	%	50-150	04.29.14 16.12	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-27B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-023	Date Collected:	04.25.14 13.44	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	17.17
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0695	mg/kg	04.29.14 16.37	U	1
2-Hexanone	591-78-6	BRL	0.0695	mg/kg	04.29.14 16.37	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0695	mg/kg	04.29.14 16.37	U	1
Acetone	67-64-1	BRL	0.0695	mg/kg	04.29.14 16.37	U	1
Benzene	71-43-2	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Bromochloromethane	74-97-5	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Bromodichloromethane	75-27-4	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Bromoform	75-25-2	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Bromomethane	74-83-9	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Carbon disulfide	75-15-0	BRL	0.0278	mg/kg	04.29.14 16.37	U	1
Carbon tetrachloride	56-23-5	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Chlorobenzene	108-90-7	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Chloroethane	75-00-3	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Chloroform	67-66-3	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Chloromethane	74-87-3	BRL	0.0139	mg/kg	04.29.14 16.37	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Cyclohexane	110-82-7	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Dibromochloromethane	124-48-1	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Ethylbenzene	100-41-4	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Isopropylbenzene	98-82-8	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
m,p-Xylenes	179601-23-1	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Methyl acetate	79-20-9	BRL	0.00695	mg/kg	04.29.14 16.37	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-27B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-023	Date Collected:	04.25.14 13.44	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	17.17
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Methylcyclohexane	108-87-2	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Methylene chloride	75-09-2	BRL	0.0278	mg/kg	04.29.14 16.37	U	1
o-Xylene	95-47-6	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Styrene	100-42-5	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Tetrachloroethene	127-18-4	**0.0155**	0.00695	mg/kg	04.29.14 16.37		1
Toluene	108-88-3	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Trichloroethene	79-01-6	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00695	mg/kg	04.29.14 16.37	U	1
Vinyl chloride	75-01-4	BRL	0.00695	mg/kg	04.29.14 16.37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	113	%	50-150	04.29.14 16.37	
4-Bromofluorobenzene	460-00-4	111	%	57-158	04.29.14 16.37	
Toluene-D8	2037-26-5	91	%	50-150	04.29.14 16.37	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-27C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-024	Date Collected:	04.25.14 13.47	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	25
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0528	mg/kg	04.29.14 17.03	U	1
2-Hexanone	591-78-6	BRL	0.0528	mg/kg	04.29.14 17.03	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0528	mg/kg	04.29.14 17.03	U	1
Acetone	67-64-1	BRL	0.0528	mg/kg	04.29.14 17.03	U	1
Benzene	71-43-2	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Bromochloromethane	74-97-5	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Bromodichloromethane	75-27-4	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Bromoform	75-25-2	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Bromomethane	74-83-9	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Carbon disulfide	75-15-0	BRL	0.0211	mg/kg	04.29.14 17.03	U	1
Carbon tetrachloride	56-23-5	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Chlorobenzene	108-90-7	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Chloroethane	75-00-3	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Chloroform	67-66-3	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Chloromethane	74-87-3	BRL	0.0106	mg/kg	04.29.14 17.03	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Cyclohexane	110-82-7	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Dibromochloromethane	124-48-1	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Ethylbenzene	100-41-4	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Isopropylbenzene	98-82-8	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
m,p-Xylenes	179601-23-1	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Methyl acetate	79-20-9	BRL	0.00528	mg/kg	04.29.14 17.03	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-27C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-024	Date Collected:	04.25.14 13.47	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	25
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Methylcyclohexane	108-87-2	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Methylene chloride	75-09-2	BRL	0.0211	mg/kg	04.29.14 17.03	U	1
o-Xylene	95-47-6	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Styrene	100-42-5	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Tetrachloroethene	127-18-4	**0.104**	0.00528	mg/kg	04.29.14 17.03		1
Toluene	108-88-3	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Trichloroethene	79-01-6	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00528	mg/kg	04.29.14 17.03	U	1
Vinyl chloride	75-01-4	BRL	0.00528	mg/kg	04.29.14 17.03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	113	%	50-150	04.29.14 17.03	
4-Bromofluorobenzene	460-00-4	113	%	57-158	04.29.14 17.03	
Toluene-D8	2037-26-5	94	%	50-150	04.29.14 17.03	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-26A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-025	Date Collected:	04.25.14 14.00	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	14.98
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0489	mg/kg	04.29.14 17.29	U	1
2-Hexanone	591-78-6	BRL	0.0489	mg/kg	04.29.14 17.29	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0489	mg/kg	04.29.14 17.29	U	1
Acetone	67-64-1	BRL	0.0489	mg/kg	04.29.14 17.29	U	1
Benzene	71-43-2	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Bromochloromethane	74-97-5	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Bromodichloromethane	75-27-4	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Bromoform	75-25-2	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Bromomethane	74-83-9	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Carbon disulfide	75-15-0	BRL	0.0196	mg/kg	04.29.14 17.29	U	1
Carbon tetrachloride	56-23-5	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Chlorobenzene	108-90-7	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Chloroethane	75-00-3	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Chloroform	67-66-3	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Chloromethane	74-87-3	BRL	0.00979	mg/kg	04.29.14 17.29	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Cyclohexane	110-82-7	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Dibromochloromethane	124-48-1	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Ethylbenzene	100-41-4	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Isopropylbenzene	98-82-8	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
m,p-Xylenes	179601-23-1	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Methyl acetate	79-20-9	BRL	0.00489	mg/kg	04.29.14 17.29	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-26A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-025	Date Collected:	04.25.14 14.00	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	14.98
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Methylcyclohexane	108-87-2	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Methylene chloride	75-09-2	BRL	0.0196	mg/kg	04.29.14 17.29	U	1
o-Xylene	95-47-6	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Styrene	100-42-5	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Tetrachloroethene	127-18-4	**0.00551**	0.00489	mg/kg	04.29.14 17.29		1
Toluene	108-88-3	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Trichloroethene	79-01-6	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00489	mg/kg	04.29.14 17.29	U	1
Vinyl chloride	75-01-4	BRL	0.00489	mg/kg	04.29.14 17.29	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	109	%	50-150	04.29.14 17.29	
4-Bromofluorobenzene	460-00-4	109	%	57-158	04.29.14 17.29	
Toluene-D8	2037-26-5	98	%	50-150	04.29.14 17.29	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-26B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-026	Date Collected:	04.25.14 14.04	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	14.09
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0575	mg/kg	04.29.14 17.54	U	1
2-Hexanone	591-78-6	BRL	0.0575	mg/kg	04.29.14 17.54	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0575	mg/kg	04.29.14 17.54	U	1
Acetone	67-64-1	BRL	0.0575	mg/kg	04.29.14 17.54	U	1
Benzene	71-43-2	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Bromochloromethane	74-97-5	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Bromodichloromethane	75-27-4	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Bromoform	75-25-2	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Bromomethane	74-83-9	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Carbon disulfide	75-15-0	BRL	0.0230	mg/kg	04.29.14 17.54	U	1
Carbon tetrachloride	56-23-5	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Chlorobenzene	108-90-7	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Chloroethane	75-00-3	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Chloroform	67-66-3	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Chloromethane	74-87-3	BRL	0.0115	mg/kg	04.29.14 17.54	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Cyclohexane	110-82-7	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Dibromochloromethane	124-48-1	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Ethylbenzene	100-41-4	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Isopropylbenzene	98-82-8	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
m,p-Xylenes	179601-23-1	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Methyl acetate	79-20-9	BRL	0.00575	mg/kg	04.29.14 17.54	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-26B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-026	Date Collected:	04.25.14 14.04	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	14.09
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Methylcyclohexane	108-87-2	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Methylene chloride	75-09-2	BRL	0.0230	mg/kg	04.29.14 17.54	U	1
o-Xylene	95-47-6	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Styrene	100-42-5	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Tetrachloroethene	127-18-4	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Toluene	108-88-3	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Trichloroethene	79-01-6	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00575	mg/kg	04.29.14 17.54	U	1
Vinyl chloride	75-01-4	BRL	0.00575	mg/kg	04.29.14 17.54	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	117	%	50-150	04.29.14 17.54	
4-Bromofluorobenzene	460-00-4	114	%	57-158	04.29.14 17.54	
Toluene-D8	2037-26-5	95	%	50-150	04.29.14 17.54	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-26C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-027	Date Collected:	04.25.14 14.08	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	21.02
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0691	mg/kg	04.29.14 18.20	U	1
2-Hexanone	591-78-6	BRL	0.0691	mg/kg	04.29.14 18.20	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0691	mg/kg	04.29.14 18.20	U	1
Acetone	67-64-1	BRL	0.0691	mg/kg	04.29.14 18.20	U	1
Benzene	71-43-2	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Bromochloromethane	74-97-5	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Bromodichloromethane	75-27-4	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Bromoform	75-25-2	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Bromomethane	74-83-9	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Carbon disulfide	75-15-0	BRL	0.0276	mg/kg	04.29.14 18.20	U	1
Carbon tetrachloride	56-23-5	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Chlorobenzene	108-90-7	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Chloroethane	75-00-3	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Chloroform	67-66-3	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Chloromethane	74-87-3	BRL	0.0138	mg/kg	04.29.14 18.20	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Cyclohexane	110-82-7	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Dibromochloromethane	124-48-1	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Ethylbenzene	100-41-4	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Isopropylbenzene	98-82-8	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
m,p-Xylenes	179601-23-1	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Methyl acetate	79-20-9	BRL	0.00691	mg/kg	04.29.14 18.20	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-26C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-027	Date Collected:	04.25.14 14.08	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	21.02
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Methylcyclohexane	108-87-2	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Methylene chloride	75-09-2	BRL	0.0276	mg/kg	04.29.14 18.20	U	1
o-Xylene	95-47-6	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Styrene	100-42-5	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Tetrachloroethene	127-18-4	**0.0474**	0.00691	mg/kg	04.29.14 18.20		1
Toluene	108-88-3	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Trichloroethene	79-01-6	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00691	mg/kg	04.29.14 18.20	U	1
Vinyl chloride	75-01-4	BRL	0.00691	mg/kg	04.29.14 18.20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	122	%	50-150	04.29.14 18.20	
4-Bromofluorobenzene	460-00-4	108	%	57-158	04.29.14 18.20	
Toluene-D8	2037-26-5	95	%	50-150	04.29.14 18.20	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-25A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-028	Date Collected:	04.25.14 14.30	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	19.52
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0504	mg/kg	04.29.14 18.45	U	1
2-Hexanone	591-78-6	BRL	0.0504	mg/kg	04.29.14 18.45	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0504	mg/kg	04.29.14 18.45	U	1
Acetone	67-64-1	BRL	0.0504	mg/kg	04.29.14 18.45	U	1
Benzene	71-43-2	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Bromochloromethane	74-97-5	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Bromodichloromethane	75-27-4	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Bromoform	75-25-2	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Bromomethane	74-83-9	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Carbon disulfide	75-15-0	BRL	0.0202	mg/kg	04.29.14 18.45	U	1
Carbon tetrachloride	56-23-5	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Chlorobenzene	108-90-7	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Chloroethane	75-00-3	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Chloroform	67-66-3	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Chloromethane	74-87-3	BRL	0.0101	mg/kg	04.29.14 18.45	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Cyclohexane	110-82-7	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Dibromochloromethane	124-48-1	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Ethylbenzene	100-41-4	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Isopropylbenzene	98-82-8	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
m,p-Xylenes	179601-23-1	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Methyl acetate	79-20-9	BRL	0.00504	mg/kg	04.29.14 18.45	U	1

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-25A**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-028	Date Collected:	04.25.14 14.30	Sample Depth:	0 - 2
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	JOL			% Moisture:	19.52
Analyst:	MLA	Date Prep:	04.29.14 07.49	Basis:	Dry Weight
Seq Number:	939725				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Methylcyclohexane	108-87-2	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Methylene chloride	75-09-2	BRL	0.0202	mg/kg	04.29.14 18.45	U	1
o-Xylene	95-47-6	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Styrene	100-42-5	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Tetrachloroethene	127-18-4	**0.0481**	0.00504	mg/kg	04.29.14 18.45		1
Toluene	108-88-3	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Trichloroethene	79-01-6	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00504	mg/kg	04.29.14 18.45	U	1
Vinyl chloride	75-01-4	BRL	0.00504	mg/kg	04.29.14 18.45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	122	%	50-150	04.29.14 18.45	
4-Bromofluorobenzene	460-00-4	105	%	57-158	04.29.14 18.45	
Toluene-D8	2037-26-5	95	%	50-150	04.29.14 18.45	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-25B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-029	Date Collected:	04.25.14 14.34	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	20.72
Analyst:	MLA	Date Prep:	04.30.14 08.14	Basis:	Dry Weight
Seq Number:	939770				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0586	mg/kg	04.30.14 11.40	U	1
2-Hexanone	591-78-6	BRL	0.0586	mg/kg	04.30.14 11.40	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0586	mg/kg	04.30.14 11.40	U	1
Acetone	67-64-1	BRL	0.0586	mg/kg	04.30.14 11.40	U	1
Benzene	71-43-2	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Bromochloromethane	74-97-5	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Bromodichloromethane	75-27-4	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Bromoform	75-25-2	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Bromomethane	74-83-9	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Carbon disulfide	75-15-0	BRL	0.0234	mg/kg	04.30.14 11.40	U	1
Carbon tetrachloride	56-23-5	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Chlorobenzene	108-90-7	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Chloroethane	75-00-3	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Chloroform	67-66-3	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Chloromethane	74-87-3	BRL	0.0117	mg/kg	04.30.14 11.40	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Cyclohexane	110-82-7	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Dibromochloromethane	124-48-1	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Ethylbenzene	100-41-4	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Isopropylbenzene	98-82-8	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
m,p-Xylenes	179601-23-1	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Methyl acetate	79-20-9	BRL	0.00586	mg/kg	04.30.14 11.40	U	1

Certificate of Analytical Results 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-25B**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-029	Date Collected:	04.25.14 14.34	Sample Depth:	8 - 10
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	20.72
Analyst:	MLA	Date Prep:	04.30.14 08.14	Basis:	Dry Weight
Seq Number:	939770				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Methylcyclohexane	108-87-2	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Methylene chloride	75-09-2	BRL	0.0234	mg/kg	04.30.14 11.40	U	1
o-Xylene	95-47-6	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Styrene	100-42-5	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Tetrachloroethene	127-18-4	**0.0507**	0.00586	mg/kg	04.30.14 11.40		1
Toluene	108-88-3	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Trichloroethene	79-01-6	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00586	mg/kg	04.30.14 11.40	U	1
Vinyl chloride	75-01-4	BRL	0.00586	mg/kg	04.30.14 11.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	132	%	50-150	04.30.14 11.40	
4-Bromofluorobenzene	460-00-4	105	%	57-158	04.30.14 11.40	
Toluene-D8	2037-26-5	96	%	50-150	04.30.14 11.40	

Certificate of Analytical Results 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-25C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-030	Date Collected:	04.25.14 14.38	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	21.21
Analyst:	MLA	Date Prep:	04.30.14 08.14	Basis:	Dry Weight
Seq Number:	939770				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
1,1,2-Trichloroethane	79-00-5	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
1,1-Dichloroethane	75-34-3	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
1,1-Dichloroethene	75-35-4	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
1,2-Dichlorobenzene	95-50-1	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
1,2-Dichloroethane	107-06-2	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
1,2-Dichloropropane	78-87-5	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
1,3-Dichlorobenzene	541-73-1	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
1,4-Dichlorobenzene	106-46-7	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
2-Butanone (MEK)	78-93-3	BRL	0.0515	mg/kg	04.30.14 12.05	U	1
2-Hexanone	591-78-6	BRL	0.0515	mg/kg	04.30.14 12.05	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	0.0515	mg/kg	04.30.14 12.05	U	1
Acetone	67-64-1	BRL	0.0515	mg/kg	04.30.14 12.05	U	1
Benzene	71-43-2	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Bromochloromethane	74-97-5	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Bromodichloromethane	75-27-4	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Bromoform	75-25-2	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Bromomethane	74-83-9	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Carbon disulfide	75-15-0	BRL	0.0206	mg/kg	04.30.14 12.05	U	1
Carbon tetrachloride	56-23-5	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Chlorobenzene	108-90-7	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Chloroethane	75-00-3	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Chloroform	67-66-3	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Chloromethane	74-87-3	BRL	0.0103	mg/kg	04.30.14 12.05	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Cyclohexane	110-82-7	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Dibromochloromethane	124-48-1	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Dichlorodifluoromethane	75-71-8	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Ethylbenzene	100-41-4	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Isopropylbenzene	98-82-8	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
m,p-Xylenes	179601-23-1	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Methyl acetate	79-20-9	BRL	0.00515	mg/kg	04.30.14 12.05	U	1

Certificate of Analytical Results 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**SD-25C**	Matrix:	Soil	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-030	Date Collected:	04.25.14 14.38	Sample Depth:	18 - 20
Analytical Method:	VOCs by SW-846 8260B			Prep Method:	SW5035A
Tech:	LIH			% Moisture:	21.21
Analyst:	MLA	Date Prep:	04.30.14 08.14	Basis:	Dry Weight
Seq Number:	939770				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Methylcyclohexane	108-87-2	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Methylene chloride	75-09-2	BRL	0.0206	mg/kg	04.30.14 12.05	U	1
o-Xylene	95-47-6	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Styrene	100-42-5	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Tetrachloroethene	127-18-4	**0.0694**	0.00515	mg/kg	04.30.14 12.05		1
Toluene	108-88-3	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Trichloroethene	79-01-6	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Trichlorofluoromethane	75-69-4	BRL	0.00515	mg/kg	04.30.14 12.05	U	1
Vinyl chloride	75-01-4	BRL	0.00515	mg/kg	04.30.14 12.05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	132	%	50-150	04.30.14 12.05	
4-Bromofluorobenzene	460-00-4	112	%	57-158	04.30.14 12.05	
Toluene-D8	2037-26-5	93	%	50-150	04.30.14 12.05	

Certificate of Analytical Results 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**LY-3**	Matrix:	Water	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-034	Date Collected:	04.25.14 15.40	Sample Depth:	17.8 ft

Analytical Method: Bis(2-ethylhexyl) phthalate by SW-846 8270D
Prep Method: SW3520C
Tech: BRO
% Moisture:
Analyst: VIC
Date Prep: 04.30.14 11.45
Seq Number: 939874

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
bis(2-ethylhexyl) phthalate	117-81-7	BRL	3.00		ug/L	05.01.14 05.15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorobiphenyl	321-60-8	91	%	18-112	05.01.14 05.15	
Nitrobenzene-d5	4165-60-0	87	%	19-119	05.01.14 05.15	
Terphenyl-D14	1718-51-0	113	%	10-138	05.01.14 05.15	

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Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id:	**LY-2**	Matrix:	Water	Date Received:	04.26.14 09.53
Lab Sample Id:	484145-035	Date Collected:	04.25.14 17.15	Sample Depth:	14.5 ft

Analytical Method: Bis(2-ethylhexyl) phthalate by SW-846 8270D — Prep Method: SW3520C

Tech: BRO — % Moisture:

Analyst: VIC — Date Prep: 04.30.14 11.45

Seq Number: 939874

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
bis(2-ethylhexyl) phthalate	117-81-7	BRL	3.00		ug/L	05.01.14 05.38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorobiphenyl	321-60-8	82	%	18-112	05.01.14 05.38	
Nitrobenzene-d5	4165-60-0	85	%	19-119	05.01.14 05.38	
Terphenyl-D14	1718-51-0	108	%	10-138	05.01.14 05.38	

Certificate of Analytical Results 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id: **Trip Blank** Matrix: Water Date Received:04.26.14 09.53

Lab Sample Id: 484145-036 Date Collected: 04.25.14 00.00

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5030B

Tech: LIH % Moisture:

Analyst: MLA Date Prep: 04.28.14 06.56

Seq Number: 939612

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
1,1,1-Trichloroethane	71-55-6	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,1,2,2-Tetrachloroethane	79-34-5	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,1,2-Trichloroethane	79-00-5	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,1-Dichloroethane	75-34-3	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,1-Dichloroethene	75-35-4	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,2,3-Trichlorobenzene	87-61-6	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,2,4-Trichlorobenzene	120-82-1	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,2-Dibromoethane (EDB)	106-93-4	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,2-Dichlorobenzene	95-50-1	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,2-Dichloroethane	107-06-2	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,2-Dichloropropane	78-87-5	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,3-Dichlorobenzene	541-73-1	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,4-Dichlorobenzene	106-46-7	BRL	1.00	ug/L	04.28.14 10.51	U	1
1,4-Dioxane	123-91-1	BRL	20.0	ug/L	04.28.14 10.51	U	1
2-Butanone (MEK)	78-93-3	BRL	2.00	ug/L	04.28.14 10.51	U	1
2-Hexanone	591-78-6	BRL	2.00	ug/L	04.28.14 10.51	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	BRL	2.00	ug/L	04.28.14 10.51	U	1
Acetone	67-64-1	BRL	2.00	ug/L	04.28.14 10.51	U	1
Benzene	71-43-2	BRL	1.00	ug/L	04.28.14 10.51	U	1
Bromodichloromethane	75-27-4	BRL	1.00	ug/L	04.28.14 10.51	U	1
Bromoform	75-25-2	BRL	1.00	ug/L	04.28.14 10.51	U	1
Bromomethane	74-83-9	BRL	1.00	ug/L	04.28.14 10.51	U	1
Carbon disulfide	75-15-0	BRL	1.00	ug/L	04.28.14 10.51	U	1
Carbon tetrachloride	56-23-5	BRL	1.00	ug/L	04.28.14 10.51	U	1
Chlorobenzene	108-90-7	BRL	1.00	ug/L	04.28.14 10.51	U	1
Chloroethane	75-00-3	BRL	1.00	ug/L	04.28.14 10.51	U	1
Chloroform	67-66-3	BRL	1.00	ug/L	04.28.14 10.51	U	1
Chloromethane	74-87-3	BRL	1.00	ug/L	04.28.14 10.51	U	1
cis-1,2-Dichloroethene	156-59-2	BRL	1.00	ug/L	04.28.14 10.51	U	1
cis-1,3-Dichloropropene	10061-01-5	BRL	1.00	ug/L	04.28.14 10.51	U	1
Cyclohexane	110-82-7	BRL	1.00	ug/L	04.28.14 10.51	U	1
Dibromochloromethane	124-48-1	BRL	1.00	ug/L	04.28.14 10.51	U	1
Dichlorodifluoromethane	75-71-8	BRL	1.00	ug/L	04.28.14 10.51	U	1
Ethylbenzene	100-41-4	BRL	1.00	ug/L	04.28.14 10.51	U	1
Isopropylbenzene	98-82-8	BRL	1.00	ug/L	04.28.14 10.51	U	1
m,p-Xylenes	179601-23-1	BRL	2.00	ug/L	04.28.14 10.51	U	1
Methyl acetate	79-20-9	BRL	2.00	ug/L	04.28.14 10.51	U	1

Certificate of Analytical Results 484145

Contour Engineering, LLC, Kennesaw, GA

Imperial Cleaners - Roswell, GA

Sample Id: **Trip Blank**
Lab Sample Id: 484145-036

Matrix: Water
Date Collected: 04.25.14 00.00

Date Received:04.26.14 09.53

Analytical Method: VOCs by SW-846 8260B
Tech: LIH
Analyst: MLA
Seq Number: 939612

Prep Method: SW5030B
% Moisture:

Date Prep: 04.28.14 06.56

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Methyl tert-butyl ether	1634-04-4	BRL	2.00	ug/L	04.28.14 10.51	U	1
Methylcyclohexane	108-87-2	BRL	1.00	ug/L	04.28.14 10.51	U	1
Methylene chloride	75-09-2	BRL	1.00	ug/L	04.28.14 10.51	U	1
o-Xylene	95-47-6	BRL	1.00	ug/L	04.28.14 10.51	U	1
Styrene	100-42-5	BRL	1.00	ug/L	04.28.14 10.51	U	1
Tetrachloroethene	127-18-4	BRL	1.00	ug/L	04.28.14 10.51	U	1
Toluene	108-88-3	BRL	1.00	ug/L	04.28.14 10.51	U	1
trans-1,2-Dichloroethene	156-60-5	BRL	1.00	ug/L	04.28.14 10.51	U	1
trans-1,3-Dichloropropene	10061-02-6	BRL	1.00	ug/L	04.28.14 10.51	U	1
Trichloroethene	79-01-6	BRL	1.00	ug/L	04.28.14 10.51	U	1
Trichlorofluoromethane	75-69-4	BRL	1.00	ug/L	04.28.14 10.51	U	1
Vinyl chloride	75-01-4	BRL	1.00	ug/L	04.28.14 10.51	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,2-Dichloroethane-D4	17060-07-0	115	%	53-159	04.28.14 10.51	
4-Bromofluorobenzene	460-00-4	99	%	30-186	04.28.14 10.51	
Toluene-D8	2037-26-5	105	%	70-130	04.28.14 10.51	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **Percent Moisture**
Seq Number: 939624 Matrix: Soil
Parent Sample Id: 484145-001 MD Sample Id: 484145-001 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	16.8	17.3	3	20	%	04.28.14 18:00	

Analytical Method: **Percent Moisture**
Seq Number: 939624 Matrix: Soil
Parent Sample Id: 484145-011 MD Sample Id: 484145-011 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	18.1	20.2	11	20	%	04.28.14 18:00	

Analytical Method: **Percent Moisture**
Seq Number: 939624 Matrix: Soil
Parent Sample Id: 484145-021 MD Sample Id: 484145-021 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	22.1	19.8	11	20	%	04.28.14 18:00	

Analytical Method: **Percent Moisture**
Seq Number: 939624 Matrix: Soil
Parent Sample Id: 484145-031 MD Sample Id: 484145-031 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	30.9	31.2	1	20	%	04.28.14 18:00	

Analytical Method: **Bis(2-ethylhexyl) phthalate by SW-846 8270D** Prep Method: SW3520C
Seq Number: 939874 Matrix: Water Date Prep: 04.30.14
MB Sample Id: 654755-1-BLK LCS Sample Id: 654755-1-BKS LCSD Sample Id: 654755-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
bis(2-ethylhexyl) phthalate	<1.20	50.0	49.6	99	49.9	100	28-116	1	30	ug/L	05.01.14 04:31	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
2-Fluorobiphenyl	89		94		94		18-112	%	05.01.14 04:31
Nitrobenzene-d5	90		98		96		19-119	%	05.01.14 04:31
Terphenyl-D14	102		106		106		10-138	%	05.01.14 04:31

QC Summary 484145

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 939612 Matrix: Water Date Prep: 04.28.14

MB Sample Id: 654626-1-BLK LCS Sample Id: 654626-1-BKS LCSD Sample Id: 654626-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.160	50.0	54.2	108	53.5	107	65-130	1	20	ug/L	04.28.14 07:37	
1,1,2,2-Tetrachloroethane	<0.180	50.0	56.5	113	54.7	109	65-130	3	20	ug/L	04.28.14 07:37	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.110	50.0	47.0	94	47.3	95	65-130	1	20	ug/L	04.28.14 07:37	
1,1,2-Trichloroethane	<0.250	50.0	54.0	108	53.8	108	75-125	0	20	ug/L	04.28.14 07:37	
1,1-Dichloroethane	<0.110	50.0	45.4	91	44.6	89	70-135	2	20	ug/L	04.28.14 07:37	
1,1-Dichloroethene	<0.200	50.0	47.7	95	46.5	93	70-130	3	20	ug/L	04.28.14 07:37	
1,2,3-Trichlorobenzene	<0.250	50.0	47.9	96	46.7	93	55-140	3	20	ug/L	04.28.14 07:37	
1,2,4-Trichlorobenzene	<0.170	50.0	45.8	92	45.1	90	65-135	2	20	ug/L	04.28.14 07:37	
1,2-Dibromo-3-chloropropane (DBCP)	<0.190	50.0	48.2	96	45.5	91	50-130	6	20	ug/L	04.28.14 07:37	
1,2-Dibromoethane (EDB)	<0.180	50.0	54.4	109	54.4	109	80-120	0	20	ug/L	04.28.14 07:37	
1,2-Dichlorobenzene	<0.140	50.0	53.6	107	52.4	105	70-120	2	20	ug/L	04.28.14 07:37	
1,2-Dichloroethane	<0.180	50.0	53.7	107	53.0	106	70-130	1	20	ug/L	04.28.14 07:37	
1,2-Dichloropropane	<0.150	50.0	59.1	118	57.0	114	75-125	4	20	ug/L	04.28.14 07:37	
1,3-Dichlorobenzene	<0.170	50.0	55.4	111	54.0	108	75-125	3	20	ug/L	04.28.14 07:37	
1,4-Dichlorobenzene	<0.170	50.0	54.2	108	53.1	106	75-125	2	20	ug/L	04.28.14 07:37	
1,4-Dioxane	<8.84	1000	1230	123	1160	116	30-145	6	20	ug/L	04.28.14 07:37	
2-Butanone (MEK)	<0.280	100	117	117	115	115	30-150	2	20	ug/L	04.28.14 07:37	
2-Hexanone	<0.320	100	103	103	101	101	55-130	2	20	ug/L	04.28.14 07:37	
4-Methyl-2-pentanone (MIBK)	<0.260	100	117	117	115	115	60-135	2	20	ug/L	04.28.14 07:37	
Acetone	<0.350	100	94.4	94	91.9	92	40-140	3	20	ug/L	04.28.14 07:37	
Benzene	<0.160	50.0	59.5	119	58.3	117	80-120	2	20	ug/L	04.28.14 07:37	
Bromodichloromethane	<0.250	50.0	53.5	107	52.6	105	75-120	2	20	ug/L	04.28.14 07:37	
Bromoform	<0.170	50.0	45.4	91	44.6	89	70-130	2	20	ug/L	04.28.14 07:37	
Bromomethane	<0.250	50.0	47.8	96	47.3	95	30-145	1	20	ug/L	04.28.14 07:37	
Carbon disulfide	<0.260	50.0	47.7	95	47.9	96	35-160	0	20	ug/L	04.28.14 07:37	
Carbon tetrachloride	<0.330	50.0	52.7	105	52.4	105	65-140	1	20	ug/L	04.28.14 07:37	
Chlorobenzene	<0.150	50.0	51.9	104	52.3	105	80-120	1	20	ug/L	04.28.14 07:37	
Chloroethane	<0.260	50.0	39.1	78	41.8	84	60-135	7	20	ug/L	04.28.14 07:37	
Chloroform	<0.160	50.0	55.8	112	55.4	111	65-135	1	20	ug/L	04.28.14 07:37	
Chloromethane	<0.250	50.0	47.8	96	46.6	93	40-125	3	20	ug/L	04.28.14 07:37	
cis-1,2-Dichloroethene	<0.210	50.0	59.3	119	57.8	116	70-125	3	20	ug/L	04.28.14 07:37	
cis-1,3-Dichloropropene	<0.100	50.0	51.2	102	50.8	102	70-130	1	20	ug/L	04.28.14 07:37	
Cyclohexane	<0.150	50.0	67.3	135	64.5	129	65-135	4	20	ug/L	04.28.14 07:37	
Dibromochloromethane	<0.150	50.0	48.8	98	48.3	97	60-135	1	20	ug/L	04.28.14 07:37	
Dichlorodifluoromethane	<0.220	50.0	56.3	113	54.1	108	30-155	4	20	ug/L	04.28.14 07:37	
Ethylbenzene	<0.190	50.0	56.0	112	55.8	112	75-125	0	20	ug/L	04.28.14 07:37	
Isopropylbenzene	<0.150	50.0	50.8	102	50.1	100	75-125	1	20	ug/L	04.28.14 07:37	
m,p-Xylenes	<0.510	100	115	115	115	115	75-130	0	20	ug/L	04.28.14 07:37	
Methyl acetate	<0.260	50.0	44.0	88	41.8	84	65-135	5	20	ug/L	04.28.14 07:37	
Methyl tert-butyl ether	<0.180	100	93.9	94	92.3	92	65-125	2	20	ug/L	04.28.14 07:37	
Methylcyclohexane	<0.110	50.0	64.1	128	64.7	129	65-135	1	20	ug/L	04.28.14 07:37	
Methylene chloride	<0.420	50.0	45.6	91	44.3	89	55-140	3	20	ug/L	04.28.14 07:37	
o-Xylene	<0.200	50.0	46.2	92	45.7	91	80-120	1	20	ug/L	04.28.14 07:37	
Styrene	<0.180	50.0	47.1	94	46.5	93	65-135	1	20	ug/L	04.28.14 07:37	
Tetrachloroethene	<0.160	50.0	40.8	82	41.3	83	45-150	1	20	ug/L	04.28.14 07:37	
Toluene	<0.140	50.0	55.7	111	55.4	111	75-120	1	20	ug/L	04.28.14 07:37	
trans-1,2-Dichloroethene	<0.210	50.0	46.3	93	45.8	92	60-140	1	20	ug/L	04.28.14 07:37	
trans-1,3-Dichloropropene	<0.110	50.0	50.9	102	51.2	102	55-140	1	20	ug/L	04.28.14 07:37	
Trichloroethene	<0.190	50.0	54.7	109	54.1	108	70-125	1	20	ug/L	04.28.14 07:37	
Trichlorofluoromethane	<0.530	50.0	46.0	92	44.2	88	60-145	4	20	ug/L	04.28.14 07:37	
Vinyl chloride	<0.190	50.0	47.5	95	46.9	94	50-145	1	20	ug/L	04.28.14 07:37	

QC Summary 484145

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 939612 Matrix: Water Date Prep: 04.28.14

MB Sample Id: 654626-1-BLK LCS Sample Id: 654626-1-BKS LCSD Sample Id: 654626-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	107		90		101		53-159	%	04.28.14 07:37
4-Bromofluorobenzene	98		97		97		30-186	%	04.28.14 07:37
Toluene-D8	105		101		101		70-130	%	04.28.14 07:37

QC Summary 484145

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 939612 Matrix: Ground Water Date Prep: 04.28.14

Parent Sample Id: 483949-001 MS Sample Id: 483949-001 S MSD Sample Id: 483949-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.160	50.0	54.4	109	52.1	104	59-138	4	20	ug/L	04.28.14 17:01	
1,1,2,2-Tetrachloroethane	<0.180	50.0	55.6	111	55.5	111	63-126	0	20	ug/L	04.28.14 17:01	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.110	50.0	45.2	90	45.0	90	53-138	0	20	ug/L	04.28.14 17:01	
1,1,2-Trichloroethane	<0.250	50.0	54.5	109	52.8	106	72-115	3	20	ug/L	04.28.14 17:01	
1,1-Dichloroethane	<0.110	50.0	46.3	93	45.1	90	69-132	3	20	ug/L	04.28.14 17:01	
1,1-Dichloroethene	<0.200	50.0	47.3	95	46.3	93	62-131	2	20	ug/L	04.28.14 17:01	
1,2,3-Trichlorobenzene	<0.250	50.0	45.9	92	44.8	90	48-122	2	20	ug/L	04.28.14 17:01	
1,2,4-Trichlorobenzene	<0.170	50.0	45.9	92	44.8	90	34-131	2	20	ug/L	04.28.14 17:01	
1,2-Dibromo-3-chloropropane (DBCP)	<0.190	50.0	46.2	92	46.4	93	53-121	0	20	ug/L	04.28.14 17:01	
1,2-Dibromoethane (EDB)	<0.180	50.0	53.1	106	54.5	109	66-125	3	20	ug/L	04.28.14 17:01	
1,2-Dichlorobenzene	<0.140	50.0	53.0	106	51.2	102	58-124	3	20	ug/L	04.28.14 17:01	
1,2-Dichloroethane	<0.180	50.0	54.5	109	53.2	106	55-141	2	20	ug/L	04.28.14 17:01	
1,2-Dichloropropane	<0.150	50.0	58.8	118	58.1	116	78-121	1	20	ug/L	04.28.14 17:01	
1,3-Dichlorobenzene	<0.170	50.0	53.8	108	52.1	104	62-120	3	20	ug/L	04.28.14 17:01	
1,4-Dichlorobenzene	<0.170	50.0	52.7	105	51.6	103	64-114	2	20	ug/L	04.28.14 17:01	
1,4-Dioxane	<8.84	1000	1120	112	1090	109	11-185	3	20	ug/L	04.28.14 17:01	
2-Butanone (MEK)	<0.280	100	113	113	120	120	50-152	6	20	ug/L	04.28.14 17:01	
2-Hexanone	<0.320	100	83.1	83	122	122	55-136	38	20	ug/L	04.28.14 17:01	F
4-Methyl-2-pentanone (MIBK)	<0.260	100	119	119	117	117	65-132	2	20	ug/L	04.28.14 17:01	
Acetone	<0.350	100	97.7	98	100	100	40-140	2	20	ug/L	04.28.14 17:01	
Benzene	<0.160	50.0	58.7	117	57.0	114	77-118	3	20	ug/L	04.28.14 17:01	
Bromodichloromethane	<0.250	50.0	53.7	107	52.1	104	68-125	3	20	ug/L	04.28.14 17:01	
Bromoform	<0.170	50.0	45.8	92	45.0	90	53-112	2	20	ug/L	04.28.14 17:01	
Bromomethane	<0.250	50.0	45.5	91	48.9	98	63-137	7	20	ug/L	04.28.14 17:01	
Carbon disulfide	<0.260	50.0	47.2	94	47.8	96	26-147	1	20	ug/L	04.28.14 17:01	
Carbon tetrachloride	<0.330	50.0	53.9	108	50.9	102	56-138	6	20	ug/L	04.28.14 17:01	
Chlorobenzene	<0.150	50.0	52.1	104	50.5	101	71-114	3	20	ug/L	04.28.14 17:01	
Chloroethane	<0.260	50.0	38.5	77	35.1	70	60-137	9	20	ug/L	04.28.14 17:01	
Chloroform	<0.160	50.0	56.7	113	55.1	110	65-131	3	20	ug/L	04.28.14 17:01	
Chloromethane	<0.250	50.0	49.6	99	46.5	93	48-151	6	20	ug/L	04.28.14 17:01	
cis-1,2-Dichloroethene	<0.210	50.0	57.4	115	59.0	118	22-185	3	20	ug/L	04.28.14 17:01	
cis-1,3-Dichloropropene	<0.100	50.0	45.2	90	44.7	89	67-113	1	20	ug/L	04.28.14 17:01	
Cyclohexane	<0.150	50.0	69.0	138	66.0	132	61-141	4	20	ug/L	04.28.14 17:01	
Dibromochloromethane	<0.150	50.0	49.3	99	48.9	98	53-125	1	20	ug/L	04.28.14 17:01	
Dichlorodifluoromethane	<0.220	50.0	55.3	111	54.0	108	38-145	2	20	ug/L	04.28.14 17:01	
Ethylbenzene	<0.190	50.0	55.6	111	53.4	107	66-127	4	20	ug/L	04.28.14 17:01	
Isopropylbenzene	<0.150	50.0	50.4	101	47.9	96	58-127	5	20	ug/L	04.28.14 17:01	
m,p-Xylenes	<0.510	100	116	116	111	111	65-126	4	20	ug/L	04.28.14 17:01	
Methyl acetate	<0.260	50.0	40.8	82	41.7	83	65-135	2	20	ug/L	04.28.14 17:01	
Methyl tert-butyl ether	<0.180	100	93.7	94	95.2	95	58-141	2	20	ug/L	04.28.14 17:01	
Methylcyclohexane	<0.110	50.0	60.5	121	59.7	119	64-128	1	20	ug/L	04.28.14 17:01	
Methylene chloride	<0.420	50.0	45.0	90	45.1	90	63-150	0	20	ug/L	04.28.14 17:01	
o-Xylene	<0.200	50.0	46.1	92	44.1	88	64-123	4	20	ug/L	04.28.14 17:01	
Styrene	<0.180	50.0	46.7	93	44.6	89	50-133	5	20	ug/L	04.28.14 17:01	
Tetrachloroethene	<0.160	50.0	39.2	78	37.8	76	52-125	4	20	ug/L	04.28.14 17:01	
Toluene	<0.140	50.0	55.6	111	53.6	107	65-123	4	20	ug/L	04.28.14 17:01	
trans-1,2-Dichloroethene	<0.210	50.0	46.2	92	46.8	94	65-135	1	20	ug/L	04.28.14 17:01	
trans-1,3-Dichloropropene	<0.110	50.0	50.0	100	49.4	99	50-125	1	20	ug/L	04.28.14 17:01	
Trichloroethene	<0.190	50.0	52.3	105	50.8	102	65-125	3	20	ug/L	04.28.14 17:01	
Trichlorofluoromethane	<0.530	50.0	46.8	94	43.6	87	51-145	7	20	ug/L	04.28.14 17:01	
Vinyl chloride	<0.190	50.0	45.0	90	47.6	95	52-140	6	20	ug/L	04.28.14 17:01	

QC Summary 484145

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5030B

Seq Number: 939612 Matrix: Ground Water Date Prep: 04.28.14

Parent Sample Id: 483949-001 MS Sample Id: 483949-001 S MSD Sample Id: 483949-001 SD

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	99		89		53-159	%	04.28.14 17:01
4-Bromofluorobenzene	95		97		30-186	%	04.28.14 17:01
Toluene-D8	98		98		70-130	%	04.28.14 17:01

QC Summary 484145

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 939616 Matrix: Solid Date Prep: 04.28.14

MB Sample Id: 654623-1-BLK LCS Sample Id: 654623-1-BKS LCSD Sample Id: 654623-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000753	0.0500	0.0600	120	0.0565	113	61-140	6	20	mg/kg	04.28.14 08:00	
1,1,2,2-Tetrachloroethane	<0.00119	0.0500	0.0548	110	0.0509	102	68-124	7	20	mg/kg	04.28.14 08:00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00111	0.0500	0.0500	100	0.0460	92	72-135	8	20	mg/kg	04.28.14 08:00	
1,1,2-Trichloroethane	<0.000670	0.0500	0.0479	96	0.0485	97	79-117	1	20	mg/kg	04.28.14 08:00	
1,1-Dichloroethane	<0.000802	0.0500	0.0501	100	0.0478	96	72-125	5	20	mg/kg	04.28.14 08:00	
1,1-Dichloroethene	<0.00116	0.0500	0.0435	87	0.0410	82	78-126	6	20	mg/kg	04.28.14 08:00	
1,2,3-Trichlorobenzene	<0.000574	0.0500	0.0622	124	0.0657	131	75-135	5	20	mg/kg	04.28.14 08:00	
1,2,4-Trichlorobenzene	<0.000873	0.0500	0.0671	134	0.0610	122	73-136	10	20	mg/kg	04.28.14 08:00	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00162	0.0500	0.0605	121	0.0592	118	49-121	2	20	mg/kg	04.28.14 08:00	
1,2-Dibromoethane (EDB)	<0.000863	0.0500	0.0575	115	0.0557	111	81-118	3	20	mg/kg	04.28.14 08:00	
1,2-Dichlorobenzene	<0.00129	0.0500	0.0586	117	0.0603	121	80-124	3	20	mg/kg	04.28.14 08:00	
1,2-Dichloroethane	<0.000597	0.0500	0.0425	85	0.0435	87	59-131	2	20	mg/kg	04.28.14 08:00	
1,2-Dichloropropane	<0.000929	0.0500	0.0465	93	0.0455	91	81-122	2	20	mg/kg	04.28.14 08:00	
1,3-Dichlorobenzene	<0.000997	0.0500	0.0586	117	0.0610	122	83-125	4	20	mg/kg	04.28.14 08:00	
1,4-Dichlorobenzene	<0.000684	0.0500	0.0568	114	0.0571	114	83-118	1	20	mg/kg	04.28.14 08:00	
2-Butanone (MEK)	<0.00228	0.100	0.0757	76	0.0785	79	61-127	4	20	mg/kg	04.28.14 08:00	
2-Hexanone	<0.00113	0.100	0.0931	93	0.0916	92	61-138	2	20	mg/kg	04.28.14 08:00	
4-Methyl-2-pentanone (MIBK)	<0.00323	0.100	0.0929	93	0.0926	93	65-125	0	20	mg/kg	04.28.14 08:00	
Acetone	<0.00688	0.100	0.101	101	0.103	103	60-130	2	20	mg/kg	04.28.14 08:00	
Benzene	<0.000513	0.0500	0.0501	100	0.0494	99	79-122	1	20	mg/kg	04.28.14 08:00	
Bromochloromethane	<0.00101	0.0500	0.0570	114	0.0517	103	73-120	10	20	mg/kg	04.28.14 08:00	
Bromodichloromethane	<0.000501	0.0500	0.0484	97	0.0524	105	76-126	8	20	mg/kg	04.28.14 08:00	
Bromoform	<0.000959	0.0500	0.0610	122	0.0605	121	56-125	1	20	mg/kg	04.28.14 08:00	
Bromomethane	<0.00246	0.0500	0.0456	91	0.0434	87	61-137	5	20	mg/kg	04.28.14 08:00	
Carbon disulfide	<0.00146	0.0500	0.0424	85	0.0403	81	79-139	5	20	mg/kg	04.28.14 08:00	
Carbon tetrachloride	<0.000742	0.0500	0.0617	123	0.0595	119	60-142	4	20	mg/kg	04.28.14 08:00	
Chlorobenzene	<0.000579	0.0500	0.0555	111	0.0526	105	86-115	5	20	mg/kg	04.28.14 08:00	
Chloroethane	<0.00245	0.0500	0.0348	70	0.0311	62	57-148	11	20	mg/kg	04.28.14 08:00	
Chloroform	<0.000741	0.0500	0.0482	96	0.0486	97	71-120	1	20	mg/kg	04.28.14 08:00	
Chloromethane	<0.00230	0.0500	0.0379	76	0.0363	73	49-147	4	20	mg/kg	04.28.14 08:00	
cis-1,2-Dichloroethene	<0.000662	0.0500	0.0578	116	0.0573	115	78-121	1	20	mg/kg	04.28.14 08:00	
cis-1,3-Dichloropropene	<0.000539	0.0500	0.0518	104	0.0522	104	80-123	1	20	mg/kg	04.28.14 08:00	
Cyclohexane	<0.000945	0.0500	0.0557	111	0.0525	105	76-134	6	20	mg/kg	04.28.14 08:00	
Dibromochloromethane	<0.000994	0.0500	0.0541	108	0.0518	104	74-118	4	20	mg/kg	04.28.14 08:00	
Dichlorodifluoromethane	<0.00118	0.0500	0.0354	71	0.0320	64	34-145	10	20	mg/kg	04.28.14 08:00	
Ethylbenzene	<0.000565	0.0500	0.0588	118	0.0563	113	83-133	4	20	mg/kg	04.28.14 08:00	
Isopropylbenzene	<0.000759	0.0500	0.0655	131	0.0596	119	64-140	9	20	mg/kg	04.28.14 08:00	
m,p-Xylenes	<0.00121	0.100	0.122	122	0.116	116	82-133	5	20	mg/kg	04.28.14 08:00	
Methyl acetate	<0.000946	0.0500	0.0361	72	0.0336	67	62-121	7	20	mg/kg	04.28.14 08:00	
Methyl tert-butyl ether	<0.000693	0.100	0.0866	87	0.0859	86	68-125	1	20	mg/kg	04.28.14 08:00	
Methylcyclohexane	<0.00109	0.0500	0.0628	126	0.0593	119	73-141	6	20	mg/kg	04.28.14 08:00	
Methylene chloride	<0.00217	0.0500	0.0381	76	0.0464	93	67-136	20	20	mg/kg	04.28.14 08:00	
o-Xylene	<0.000716	0.0500	0.0570	114	0.0539	108	79-133	6	20	mg/kg	04.28.14 08:00	
Styrene	<0.000742	0.0500	0.0540	108	0.0500	100	82-128	8	20	mg/kg	04.28.14 08:00	
Tetrachloroethene	<0.00104	0.0500	0.0661	132	0.0592	118	72-140	11	20	mg/kg	04.28.14 08:00	
Toluene	<0.000588	0.0500	0.0538	108	0.0523	105	85-120	3	20	mg/kg	04.28.14 08:00	
trans-1,2-Dichloroethene	<0.000780	0.0500	0.0414	83	0.0397	79	76-126	4	20	mg/kg	04.28.14 08:00	
trans-1,3-Dichloropropene	<0.000670	0.0500	0.0530	106	0.0531	106	78-115	0	20	mg/kg	04.28.14 08:00	
Trichloroethene	<0.000707	0.0500	0.0515	103	0.0497	99	71-128	4	20	mg/kg	04.28.14 08:00	
Trichlorofluoromethane	<0.00351	0.0500	0.0372	74	0.0338	68	51-154	10	20	mg/kg	04.28.14 08:00	
Vinyl chloride	<0.00201	0.0500	0.0414	83	0.0378	76	67-138	9	20	mg/kg	04.28.14 08:00	

QC Summary 484145

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A
Seq Number: 939616 Matrix: Solid Date Prep: 04.28.14
MB Sample Id: 654623-1-BLK LCS Sample Id: 654623-1-BKS LCSD Sample Id: 654623-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	97		96		83		50-150	%	04.28.14 08:00
4-Bromofluorobenzene	114		115		112		57-158	%	04.28.14 08:00
Toluene-D8	94		94		99		50-150	%	04.28.14 08:00

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035
Seq Number: 939617 Matrix: Solid Date Prep: 04.28.14
MB Sample Id: 654631-1-BLK LCS Sample Id: 654631-1-BKS LCSD Sample Id: 654631-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethene	<0.00104	0.0500	0.0408	82	0.0413	83	72-140	1	20	mg/kg	04.28.14 07:37	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	107		90		101		50-150	%	04.28.14 07:37
4-Bromofluorobenzene	98		97		97		57-158	%	04.28.14 07:37
Toluene-D8	105		101		101		50-150	%	04.28.14 07:37

QC Summary 484145

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 939725 Matrix: Solid Date Prep: 04.29.14

MB Sample Id: 654708-1-BLK LCS Sample Id: 654708-1-BKS LCSD Sample Id: 654708-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000753	0.0500	0.0601	120	0.0648	130	61-140	8	20	mg/kg	04.29.14 09:30	
1,1,2,2-Tetrachloroethane	<0.00119	0.0500	0.0513	103	0.0443	89	68-124	15	20	mg/kg	04.29.14 09:30	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00111	0.0500	0.0534	107	0.0556	111	72-135	4	20	mg/kg	04.29.14 09:30	
1,1,2-Trichloroethane	<0.000670	0.0500	0.0531	106	0.0458	92	79-117	15	20	mg/kg	04.29.14 09:30	
1,1-Dichloroethane	<0.000802	0.0500	0.0520	104	0.0530	106	72-125	2	20	mg/kg	04.29.14 09:30	
1,1-Dichloroethene	<0.00116	0.0500	0.0451	90	0.0489	98	78-126	8	20	mg/kg	04.29.14 09:30	
1,2,3-Trichlorobenzene	<0.000574	0.0500	0.0613	123	0.0581	116	75-135	5	20	mg/kg	04.29.14 09:30	
1,2,4-Trichlorobenzene	<0.000873	0.0500	0.0608	122	0.0618	124	73-136	2	20	mg/kg	04.29.14 09:30	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00162	0.0500	0.0582	116	0.0407	81	49-121	35	20	mg/kg	04.29.14 09:30	F
1,2-Dibromoethane (EDB)	<0.000863	0.0500	0.0556	111	0.0494	99	81-118	12	20	mg/kg	04.29.14 09:30	
1,2-Dichlorobenzene	<0.00129	0.0500	0.0575	115	0.0575	115	80-124	0	20	mg/kg	04.29.14 09:30	
1,2-Dichloroethane	<0.000597	0.0500	0.0513	103	0.0449	90	59-131	13	20	mg/kg	04.29.14 09:30	
1,2-Dichloropropane	<0.000929	0.0500	0.0516	103	0.0504	101	81-122	2	20	mg/kg	04.29.14 09:30	
1,3-Dichlorobenzene	<0.000997	0.0500	0.0583	117	0.0621	124	83-125	6	20	mg/kg	04.29.14 09:30	
1,4-Dichlorobenzene	<0.000684	0.0500	0.0545	109	0.0572	114	83-118	5	20	mg/kg	04.29.14 09:30	
2-Butanone (MEK)	<0.00228	0.100	0.0835	84	0.0626	63	61-127	29	20	mg/kg	04.29.14 09:30	F
2-Hexanone	<0.00113	0.100	0.0988	99	0.0806	81	61-138	20	20	mg/kg	04.29.14 09:30	
4-Methyl-2-pentanone (MIBK)	<0.00323	0.100	0.0995	100	0.0818	82	65-125	20	20	mg/kg	04.29.14 09:30	
Acetone	<0.00688	0.100	0.0839	84	0.0817	82	60-130	3	20	mg/kg	04.29.14 09:30	
Benzene	<0.000513	0.0500	0.0547	109	0.0569	114	79-122	4	20	mg/kg	04.29.14 09:30	
Bromochloromethane	<0.00101	0.0500	0.0454	91	0.0490	98	73-120	8	20	mg/kg	04.29.14 09:30	
Bromodichloromethane	<0.000501	0.0500	0.0538	108	0.0526	105	76-126	2	20	mg/kg	04.29.14 09:30	
Bromoform	<0.000959	0.0500	0.0518	104	0.0441	88	56-125	16	20	mg/kg	04.29.14 09:30	
Bromomethane	<0.00246	0.0500	0.0462	92	0.0495	99	61-137	7	20	mg/kg	04.29.14 09:30	
Carbon disulfide	<0.00146	0.0500	0.0437	87	0.0484	97	79-139	10	20	mg/kg	04.29.14 09:30	
Carbon tetrachloride	<0.000742	0.0500	0.0570	114	0.0624	125	60-142	9	20	mg/kg	04.29.14 09:30	
Chlorobenzene	<0.000579	0.0500	0.0532	106	0.0548	110	86-115	3	20	mg/kg	04.29.14 09:30	
Chloroethane	<0.00245	0.0500	0.0431	86	0.0482	96	57-148	11	20	mg/kg	04.29.14 09:30	
Chloroform	<0.000741	0.0500	0.0532	106	0.0514	103	71-120	3	20	mg/kg	04.29.14 09:30	
Chloromethane	<0.00230	0.0500	0.0348	70	0.0387	77	49-147	11	20	mg/kg	04.29.14 09:30	
cis-1,2-Dichloroethene	<0.000662	0.0500	0.0468	94	0.0555	111	78-121	17	20	mg/kg	04.29.14 09:30	
cis-1,3-Dichloropropene	<0.000539	0.0500	0.0523	105	0.0505	101	80-123	4	20	mg/kg	04.29.14 09:30	
Cyclohexane	<0.000945	0.0500	0.0598	120	0.0669	134	76-134	11	20	mg/kg	04.29.14 09:30	
Dibromochloromethane	<0.000994	0.0500	0.0504	101	0.0469	94	74-118	7	20	mg/kg	04.29.14 09:30	
Dichlorodifluoromethane	<0.00118	0.0500	0.0374	75	0.0396	79	34-145	6	20	mg/kg	04.29.14 09:30	
Ethylbenzene	<0.000565	0.0500	0.0563	113	0.0610	122	83-133	8	20	mg/kg	04.29.14 09:30	
Isopropylbenzene	<0.000759	0.0500	0.0532	106	0.0606	121	64-140	13	20	mg/kg	04.29.14 09:30	
m,p-Xylenes	<0.00121	0.100	0.115	115	0.125	125	82-133	8	20	mg/kg	04.29.14 09:30	
Methyl acetate	<0.000946	0.0500	0.0400	80	0.0350	70	62-121	13	20	mg/kg	04.29.14 09:30	
Methyl tert-butyl ether	<0.000693	0.100	0.0966	97	0.0830	83	68-125	15	20	mg/kg	04.29.14 09:30	
Methylcyclohexane	<0.00109	0.0500	0.0634	127	0.0693	139	73-141	9	20	mg/kg	04.29.14 09:30	
Methylene chloride	0.00224	0.0500	0.0460	92	0.0449	90	67-136	2	20	mg/kg	04.29.14 09:30	
o-Xylene	<0.000716	0.0500	0.0538	108	0.0560	112	79-133	4	20	mg/kg	04.29.14 09:30	
Styrene	<0.000742	0.0500	0.0527	105	0.0523	105	82-128	1	20	mg/kg	04.29.14 09:30	
Tetrachloroethene	<0.00104	0.0500	0.0590	118	0.0607	121	72-140	3	20	mg/kg	04.29.14 09:30	
Toluene	<0.000588	0.0500	0.0531	106	0.0567	113	85-120	7	20	mg/kg	04.29.14 09:30	
trans-1,2-Dichloroethene	<0.000780	0.0500	0.0464	93	0.0491	98	76-126	6	20	mg/kg	04.29.14 09:30	
trans-1,3-Dichloropropene	<0.000670	0.0500	0.0538	108	0.0486	97	78-115	10	20	mg/kg	04.29.14 09:30	
Trichloroethene	<0.000707	0.0500	0.0564	113	0.0551	110	71-128	2	20	mg/kg	04.29.14 09:30	
Trichlorofluoromethane	<0.00351	0.0500	0.0446	89	0.0487	97	51-154	9	20	mg/kg	04.29.14 09:30	
Vinyl chloride	<0.00201	0.0500	0.0436	87	0.0475	95	67-138	9	20	mg/kg	04.29.14 09:30	

QC Summary 484145

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 939725 Matrix: Solid Date Prep: 04.29.14

MB Sample Id: 654708-1-BLK LCS Sample Id: 654708-1-BKS LCSD Sample Id: 654708-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	100		84		101		50-150	%	04.29.14 09:30
4-Bromofluorobenzene	108		104		105		57-158	%	04.29.14 09:30
Toluene-D8	97		97		101		50-150	%	04.29.14 09:30

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 939770 Matrix: Solid Date Prep: 04.30.14

MB Sample Id: 654722-1-BLK LCS Sample Id: 654722-1-BKS LCSD Sample Id: 654722-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000753	0.0500	0.0520	104	0.0539	108	61-140	4	20	mg/kg	04.30.14 09:32	
1,1,2,2-Tetrachloroethane	<0.00119	0.0500	0.0470	94	0.0435	87	68-124	8	20	mg/kg	04.30.14 09:32	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00111	0.0500	0.0516	103	0.0567	113	72-135	9	20	mg/kg	04.30.14 09:32	
1,1,2-Trichloroethane	<0.000670	0.0500	0.0476	95	0.0475	95	79-117	0	20	mg/kg	04.30.14 09:32	
1,1-Dichloroethane	<0.000802	0.0500	0.0488	98	0.0507	101	72-125	4	20	mg/kg	04.30.14 09:32	
1,1-Dichloroethene	<0.00116	0.0500	0.0470	94	0.0498	100	78-126	6	20	mg/kg	04.30.14 09:32	
1,2,3-Trichlorobenzene	<0.000574	0.0500	0.0531	106	0.0514	103	75-135	3	20	mg/kg	04.30.14 09:32	
1,2,4-Trichlorobenzene	<0.000873	0.0500	0.0527	105	0.0523	105	73-136	1	20	mg/kg	04.30.14 09:32	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00162	0.0500	0.0462	92	0.0402	80	49-121	14	20	mg/kg	04.30.14 09:32	
1,2-Dibromoethane (EDB)	<0.000863	0.0500	0.0507	101	0.0492	98	81-118	3	20	mg/kg	04.30.14 09:32	
1,2-Dichlorobenzene	<0.00129	0.0500	0.0541	108	0.0533	107	80-124	1	20	mg/kg	04.30.14 09:32	
1,2-Dichloroethane	<0.000597	0.0500	0.0446	89	0.0474	95	59-131	6	20	mg/kg	04.30.14 09:32	
1,2-Dichloropropane	<0.000929	0.0500	0.0456	91	0.0473	95	81-122	4	20	mg/kg	04.30.14 09:32	
1,3-Dichlorobenzene	<0.000997	0.0500	0.0541	108	0.0555	111	83-125	3	20	mg/kg	04.30.14 09:32	
1,4-Dichlorobenzene	<0.000684	0.0500	0.0504	101	0.0510	102	83-118	1	20	mg/kg	04.30.14 09:32	
2-Butanone (MEK)	<0.00228	0.100	0.0771	77	0.0736	74	61-127	5	20	mg/kg	04.30.14 09:32	
2-Hexanone	<0.00113	0.100	0.0846	85	0.0815	82	61-138	4	20	mg/kg	04.30.14 09:32	
4-Methyl-2-pentanone (MIBK)	<0.00323	0.100	0.0896	90	0.0839	84	65-125	7	20	mg/kg	04.30.14 09:32	
Acetone	<0.00688	0.100	0.0890	89	0.0820	82	60-130	8	20	mg/kg	04.30.14 09:32	
Benzene	<0.000513	0.0500	0.0460	92	0.0506	101	79-122	10	20	mg/kg	04.30.14 09:32	
Bromochloromethane	<0.00101	0.0500	0.0516	103	0.0497	99	73-120	4	20	mg/kg	04.30.14 09:32	
Bromodichloromethane	<0.000501	0.0500	0.0465	93	0.0494	99	76-126	6	20	mg/kg	04.30.14 09:32	
Bromoform	<0.000959	0.0500	0.0457	91	0.0433	87	56-125	5	20	mg/kg	04.30.14 09:32	
Bromomethane	<0.00246	0.0500	0.0527	105	0.0525	105	61-137	0	20	mg/kg	04.30.14 09:32	
Carbon disulfide	<0.00146	0.0500	0.0448	90	0.0484	97	79-139	8	20	mg/kg	04.30.14 09:32	
Carbon tetrachloride	<0.000742	0.0500	0.0478	96	0.0499	100	60-142	4	20	mg/kg	04.30.14 09:32	
Chlorobenzene	<0.000579	0.0500	0.0496	99	0.0518	104	86-115	4	20	mg/kg	04.30.14 09:32	
Chloroethane	<0.00245	0.0500	0.0447	89	0.0491	98	57-148	9	20	mg/kg	04.30.14 09:32	
Chloroform	<0.000741	0.0500	0.0466	93	0.0490	98	71-120	5	20	mg/kg	04.30.14 09:32	
Chloromethane	<0.00230	0.0500	0.0433	87	0.0442	88	49-147	2	20	mg/kg	04.30.14 09:32	
cis-1,2-Dichloroethene	<0.000662	0.0500	0.0497	99	0.0504	101	78-121	1	20	mg/kg	04.30.14 09:32	
cis-1,3-Dichloropropene	<0.000539	0.0500	0.0455	91	0.0479	96	80-123	5	20	mg/kg	04.30.14 09:32	
Cyclohexane	<0.000945	0.0500	0.0486	97	0.0559	112	76-134	14	20	mg/kg	04.30.14 09:32	
Dibromochloromethane	<0.000994	0.0500	0.0443	89	0.0439	88	74-118	1	20	mg/kg	04.30.14 09:32	
Dichlorodifluoromethane	<0.00118	0.0500	0.0508	102	0.0514	103	34-145	1	20	mg/kg	04.30.14 09:32	
Ethylbenzene	<0.000565	0.0500	0.0515	103	0.0551	110	83-133	7	20	mg/kg	04.30.14 09:32	
Isopropylbenzene	<0.000759	0.0500	0.0526	105	0.0527	105	64-140	0	20	mg/kg	04.30.14 09:32	
m,p-Xylenes	<0.00121	0.100	0.106	106	0.113	113	82-133	6	20	mg/kg	04.30.14 09:32	
Methyl acetate	<0.000946	0.0500	0.0461	92	0.0410	82	62-121	12	20	mg/kg	04.30.14 09:32	
Methyl tert-butyl ether	<0.000693	0.100	0.0959	96	0.0934	93	68-125	3	20	mg/kg	04.30.14 09:32	
Methylcyclohexane	<0.00109	0.0500	0.0539	108	0.0602	120	73-141	11	20	mg/kg	04.30.14 09:32	
Methylene chloride	<0.00217	0.0500	0.0470	94	0.0532	106	67-136	12	20	mg/kg	04.30.14 09:32	
o-Xylene	<0.000716	0.0500	0.0495	99	0.0505	101	79-133	2	20	mg/kg	04.30.14 09:32	
Styrene	<0.000742	0.0500	0.0470	94	0.0491	98	82-128	4	20	mg/kg	04.30.14 09:32	
Tetrachloroethene	<0.00104	0.0500	0.0517	103	0.0600	120	72-140	15	20	mg/kg	04.30.14 09:32	
Toluene	<0.000588	0.0500	0.0467	93	0.0514	103	85-120	10	20	mg/kg	04.30.14 09:32	
trans-1,2-Dichloroethene	<0.000780	0.0500	0.0477	95	0.0470	94	76-126	1	20	mg/kg	04.30.14 09:32	
trans-1,3-Dichloropropene	<0.000670	0.0500	0.0462	92	0.0473	95	78-115	2	20	mg/kg	04.30.14 09:32	
Trichloroethene	<0.000707	0.0500	0.0482	96	0.0542	108	71-128	12	20	mg/kg	04.30.14 09:32	
Trichlorofluoromethane	<0.00351	0.0500	0.0455	91	0.0486	97	51-154	7	20	mg/kg	04.30.14 09:32	
Vinyl chloride	<0.00201	0.0500	0.0503	101	0.0526	105	67-138	4	20	mg/kg	04.30.14 09:32	

QC Summary 484145

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 939770 Matrix: Solid Date Prep: 04.30.14

MB Sample Id: 654722-1-BLK LCS Sample Id: 654722-1-BKS LCSD Sample Id: 654722-1-BSD

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	115		117		116		50-150	%	04.30.14 09:32
4-Bromofluorobenzene	107		106		102		57-158	%	04.30.14 09:32
Toluene-D8	95		92		97		50-150	%	04.30.14 09:32

QC Summary 484145

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 939616 Matrix: Soil Date Prep: 04.28.14

Parent Sample Id: 484145-001 MS Sample Id: 484145-001 S MSD Sample Id: 484145-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000915	0.0607	0.0540	89	0.0555	93	62-137	3	20	mg/kg	04.28.14 18:11	
1,1,2,2-Tetrachloroethane	<0.00144	0.0607	0.0625	103	0.0611	102	64-128	2	20	mg/kg	04.28.14 18:11	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00135	0.0607	0.0507	84	0.0489	82	33-177	4	20	mg/kg	04.28.14 18:11	
1,1,2-Trichloroethane	<0.000814	0.0607	0.0594	98	0.0591	99	61-130	1	20	mg/kg	04.28.14 18:11	
1,1-Dichloroethane	<0.000974	0.0607	0.0515	85	0.0517	86	65-136	0	20	mg/kg	04.28.14 18:11	
1,1-Dichloroethene	<0.00141	0.0607	0.0447	74	0.0432	72	33-158	3	20	mg/kg	04.28.14 18:11	
1,2,3-Trichlorobenzene	<0.000697	0.0607	0.0680	112	0.0694	116	48-135	2	20	mg/kg	04.28.14 18:11	
1,2,4-Trichlorobenzene	<0.00106	0.0607	0.0674	111	0.0667	111	43-139	1	20	mg/kg	04.28.14 18:11	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00197	0.0607	0.0694	114	0.0649	108	51-130	7	20	mg/kg	04.28.14 18:11	
1,2-Dibromoethane (EDB)	<0.00105	0.0607	0.0618	102	0.0636	106	69-132	3	20	mg/kg	04.28.14 18:11	
1,2-Dichlorobenzene	<0.00157	0.0607	0.0672	111	0.0645	108	71-120	4	20	mg/kg	04.28.14 18:11	
1,2-Dichloroethane	<0.000725	0.0607	0.0498	82	0.0545	91	53-140	9	20	mg/kg	04.28.14 18:11	
1,2-Dichloropropane	<0.00113	0.0607	0.0456	75	0.0516	86	68-126	12	20	mg/kg	04.28.14 18:11	
1,3-Dichlorobenzene	<0.00121	0.0607	0.0653	108	0.0637	106	68-127	2	20	mg/kg	04.28.14 18:11	
1,4-Dichlorobenzene	<0.000831	0.0607	0.0615	101	0.0602	101	72-118	2	20	mg/kg	04.28.14 18:11	
2-Butanone (MEK)	<0.00277	0.121	0.107	88	0.0950	79	42-147	12	20	mg/kg	04.28.14 18:11	
2-Hexanone	<0.00137	0.121	0.118	98	0.117	98	32-142	1	20	mg/kg	04.28.14 18:11	
4-Methyl-2-pentanone (MIBK)	<0.00393	0.121	0.121	100	0.118	98	34-149	3	20	mg/kg	04.28.14 18:11	
Acetone	<0.00835	0.121	0.107	88	0.103	86	43-163	4	20	mg/kg	04.28.14 18:11	
Benzene	<0.000623	0.0607	0.0515	85	0.0526	88	65-135	2	20	mg/kg	04.28.14 18:11	
Bromochloromethane	<0.00122	0.0607	0.0578	95	0.0606	101	66-137	5	20	mg/kg	04.28.14 18:11	
Bromodichloromethane	<0.000608	0.0607	0.0527	87	0.0551	92	60-129	4	20	mg/kg	04.28.14 18:11	
Bromoform	<0.00116	0.0607	0.0607	100	0.0602	101	48-147	1	20	mg/kg	04.28.14 18:11	
Bromomethane	<0.00298	0.0607	0.0428	71	0.0453	76	42-170	6	20	mg/kg	04.28.14 18:11	
Carbon disulfide	<0.00177	0.0607	0.0406	67	0.0402	67	40-147	1	20	mg/kg	04.28.14 18:11	
Carbon tetrachloride	<0.000901	0.0607	0.0492	81	0.0505	84	71-117	3	20	mg/kg	04.28.14 18:11	
Chlorobenzene	<0.000703	0.0607	0.0572	94	0.0561	94	71-117	2	20	mg/kg	04.28.14 18:11	
Chloroethane	<0.00297	0.0607	0.0408	67	0.0388	65	44-166	5	20	mg/kg	04.28.14 18:11	
Chloroform	<0.000900	0.0607	0.0508	84	0.0502	84	62-127	1	20	mg/kg	04.28.14 18:11	
Chloromethane	<0.00280	0.0607	0.0296	49	0.0305	51	34-157	3	20	mg/kg	04.28.14 18:11	
cis-1,2-Dichloroethene	<0.000804	0.0607	0.0593	98	0.0558	93	41-155	6	20	mg/kg	04.28.14 18:11	
cis-1,3-Dichloropropene	<0.000655	0.0607	0.0511	84	0.0557	93	63-128	9	20	mg/kg	04.28.14 18:11	
Cyclohexane	<0.00115	0.0607	0.0511	84	0.0531	89	53-145	4	20	mg/kg	04.28.14 18:11	
Dibromochloromethane	<0.00121	0.0607	0.0563	93	0.0558	93	59-135	1	20	mg/kg	04.28.14 18:11	
Dichlorodifluoromethane	<0.00143	0.0607	0.0204	34	0.0192	32	16-171	6	20	mg/kg	04.28.14 18:11	
Ethylbenzene	<0.000686	0.0607	0.0595	98	0.0572	95	65-139	4	20	mg/kg	04.28.14 18:11	
Isopropylbenzene	<0.000922	0.0607	0.0612	101	0.0573	96	62-133	7	20	mg/kg	04.28.14 18:11	
m,p-Xylenes	<0.00147	0.121	0.124	102	0.119	99	69-130	4	20	mg/kg	04.28.14 18:11	
Methyl acetate	<0.00115	0.0607	0.0536	88	0.0503	84	20-170	6	20	mg/kg	04.28.14 18:11	
Methyl tert-butyl ether	<0.000842	0.121	0.107	88	0.110	92	48-169	3	20	mg/kg	04.28.14 18:11	
Methylcyclohexane	<0.00132	0.0607	0.0584	96	0.0592	99	57-149	1	20	mg/kg	04.28.14 18:11	
Methylene chloride	<0.00263	0.0607	0.0487	80	0.0465	78	17-184	5	20	mg/kg	04.28.14 18:11	
o-Xylene	<0.000870	0.0607	0.0575	95	0.0562	94	71-124	2	20	mg/kg	04.28.14 18:11	
Styrene	<0.000901	0.0607	0.0568	94	0.0535	89	50-143	6	20	mg/kg	04.28.14 18:11	
Tetrachloroethene	0.00251	0.0607	0.0643	102	0.0657	105	42-156	2	20	mg/kg	04.28.14 18:11	
Toluene	<0.000714	0.0607	0.0521	86	0.0541	90	13-188	4	20	mg/kg	04.28.14 18:11	
trans-1,2-Dichloroethene	<0.000947	0.0607	0.0459	76	0.0458	76	57-143	0	20	mg/kg	04.28.14 18:11	
trans-1,3-Dichloropropene	<0.000814	0.0607	0.0570	94	0.0548	91	55-141	4	20	mg/kg	04.28.14 18:11	
Trichloroethene	<0.000859	0.0607	0.0410	68	0.0420	70	39-150	2	20	mg/kg	04.28.14 18:11	
Trichlorofluoromethane	<0.00427	0.0607	0.0428	71	0.0406	68	34-179	5	20	mg/kg	04.28.14 18:11	
Vinyl chloride	<0.00244	0.0607	0.0376	62	0.0366	61	40-161	3	20	mg/kg	04.28.14 18:11	

QC Summary 484145

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 939616 Matrix: Soil Date Prep: 04.28.14

Parent Sample Id: 484145-001 MS Sample Id: 484145-001 S MSD Sample Id: 484145-001 SD

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	114		113		50-150	%	04.28.14 18:11
4-Bromofluorobenzene	110		102		57-158	%	04.28.14 18:11
Toluene-D8	91		96		50-150	%	04.28.14 18:11

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 939770 Matrix: Soil Date Prep: 04.30.14

Parent Sample Id: 484111-001 MS Sample Id: 484111-001 S MSD Sample Id: 484111-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.000728	0.0484	0.0431	89	0.0432	89	62-137	0	20	mg/kg	04.30.14 19:38	
1,1,2,2-Tetrachloroethane	<0.00115	0.0484	0.0477	99	0.0445	92	64-128	7	20	mg/kg	04.30.14 19:38	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00107	0.0484	0.0451	93	0.0449	93	33-177	0	20	mg/kg	04.30.14 19:38	
1,1,2-Trichloroethane	<0.000648	0.0484	0.0494	102	0.0474	98	61-130	4	20	mg/kg	04.30.14 19:38	
1,1-Dichloroethane	<0.000776	0.0484	0.0445	92	0.0432	89	65-136	3	20	mg/kg	04.30.14 19:38	
1,1-Dichloroethene	<0.00112	0.0484	0.0422	87	0.0428	89	33-158	1	20	mg/kg	04.30.14 19:38	
1,2,3-Trichlorobenzene	<0.000555	0.0484	0.0505	104	0.0471	98	48-135	7	20	mg/kg	04.30.14 19:38	
1,2,4-Trichlorobenzene	<0.000844	0.0484	0.0450	93	0.0444	92	43-139	1	20	mg/kg	04.30.14 19:38	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00157	0.0484	0.0485	100	0.0464	96	51-130	4	20	mg/kg	04.30.14 19:38	
1,2-Dibromoethane (EDB)	<0.000835	0.0484	0.0483	100	0.0467	97	69-132	3	20	mg/kg	04.30.14 19:38	
1,2-Dichlorobenzene	<0.00125	0.0484	0.0489	101	0.0460	95	71-120	6	20	mg/kg	04.30.14 19:38	
1,2-Dichloroethane	<0.000577	0.0484	0.0453	94	0.0429	89	53-140	5	20	mg/kg	04.30.14 19:38	
1,2-Dichloropropane	<0.000898	0.0484	0.0427	88	0.0386	80	68-126	10	20	mg/kg	04.30.14 19:38	
1,3-Dichlorobenzene	<0.000964	0.0484	0.0497	103	0.0450	93	68-127	10	20	mg/kg	04.30.14 19:38	
1,4-Dichlorobenzene	<0.000662	0.0484	0.0472	98	0.0441	91	72-118	7	20	mg/kg	04.30.14 19:38	
2-Butanone (MEK)	<0.00220	0.0967	0.0712	74	0.0750	78	42-147	5	20	mg/kg	04.30.14 19:38	
2-Hexanone	<0.00109	0.0967	0.0934	97	0.0900	93	32-142	4	20	mg/kg	04.30.14 19:38	
4-Methyl-2-pentanone (MIBK)	<0.00313	0.0967	0.0954	99	0.0948	98	34-149	1	20	mg/kg	04.30.14 19:38	
Acetone	0.0436	0.0967	0.373	341	0.401	370	43-163	7	20	mg/kg	04.30.14 19:38	X
Benzene	<0.000496	0.0480	0.0432	90	0.0417	87	65-135	4	20	mg/kg	04.30.14 19:38	
Bromochloromethane	<0.000973	0.0484	0.0516	107	0.0471	98	66-137	9	20	mg/kg	04.30.14 19:38	
Bromodichloromethane	<0.000485	0.0484	0.0453	94	0.0441	91	60-129	3	20	mg/kg	04.30.14 19:38	
Bromoform	<0.000927	0.0484	0.0440	91	0.0391	81	48-147	12	20	mg/kg	04.30.14 19:38	
Bromomethane	<0.00238	0.0484	0.0446	92	0.0454	94	42-170	2	20	mg/kg	04.30.14 19:38	
Carbon disulfide	<0.00141	0.0484	0.0407	84	0.0400	83	40-147	2	20	mg/kg	04.30.14 19:38	
Carbon tetrachloride	<0.000718	0.0484	0.0401	83	0.0364	75	71-117	10	20	mg/kg	04.30.14 19:38	
Chlorobenzene	<0.000560	0.0484	0.0451	93	0.0430	89	71-117	5	20	mg/kg	04.30.14 19:38	
Chloroethane	<0.00236	0.0484	0.0417	86	0.0407	84	44-166	2	20	mg/kg	04.30.14 19:38	
Chloroform	<0.000717	0.0484	0.0429	89	0.0394	82	62-127	9	20	mg/kg	04.30.14 19:38	
Chloromethane	<0.00223	0.0484	0.0387	80	0.0372	77	34-157	4	20	mg/kg	04.30.14 19:38	
cis-1,2-Dichloroethene	<0.000640	0.0484	0.0438	90	0.0398	82	41-155	10	20	mg/kg	04.30.14 19:38	
cis-1,3-Dichloropropene	<0.000521	0.0484	0.0397	82	0.0417	86	63-128	5	20	mg/kg	04.30.14 19:38	
Cyclohexane	<0.000914	0.0484	0.0427	88	0.0414	86	53-145	3	20	mg/kg	04.30.14 19:38	
Dibromochloromethane	<0.000961	0.0484	0.0448	93	0.0428	89	59-135	5	20	mg/kg	04.30.14 19:38	
Dichlorodifluoromethane	<0.00114	0.0484	0.0401	83	0.0405	84	16-171	1	20	mg/kg	04.30.14 19:38	
Ethylbenzene	<0.000546	0.0480	0.0463	96	0.0441	92	65-139	5	20	mg/kg	04.30.14 19:38	
Isopropylbenzene	<0.000734	0.0484	0.0421	87	0.0385	80	62-133	9	20	mg/kg	04.30.14 19:38	
m,p-Xylenes	<0.00117	0.0970	0.0947	98	0.0884	91	69-130	7	20	mg/kg	04.30.14 19:38	
Methyl acetate	<0.000915	0.0484	0.0586	121	0.0583	121	20-170	1	20	mg/kg	04.30.14 19:38	
Methyl tert-butyl ether	<0.000670	0.0967	0.0977	101	0.0978	101	48-169	0	20	mg/kg	04.30.14 19:38	
Methylcyclohexane	<0.00105	0.0484	0.0478	99	0.0453	94	57-149	5	20	mg/kg	04.30.14 19:38	
Methylene chloride	<0.00209	0.0484	0.0480	99	0.0463	96	17-184	4	20	mg/kg	04.30.14 19:38	
o-Xylene	<0.000692	0.0480	0.0421	88	0.0411	86	71-124	2	20	mg/kg	04.30.14 19:38	
Styrene	<0.000718	0.0484	0.0429	89	0.0407	84	50-143	5	20	mg/kg	04.30.14 19:38	
Tetrachloroethene	<0.00100	0.0484	0.0483	100	0.0414	86	42-156	15	20	mg/kg	04.30.14 19:38	
Toluene	<0.000569	0.0480	0.0444	93	0.0415	86	13-188	7	20	mg/kg	04.30.14 19:38	
trans-1,2-Dichloroethene	<0.000754	0.0484	0.0448	93	0.0424	88	57-143	6	20	mg/kg	04.30.14 19:38	
trans-1,3-Dichloropropene	<0.000648	0.0484	0.0418	86	0.0432	89	55-141	3	20	mg/kg	04.30.14 19:38	
Trichloroethene	<0.000684	0.0484	0.0458	95	0.0522	108	39-150	13	20	mg/kg	04.30.14 19:38	
Trichlorofluoromethane	<0.00340	0.0484	0.0440	91	0.0423	88	34-179	4	20	mg/kg	04.30.14 19:38	
Vinyl chloride	<0.00194	0.0484	0.0435	90	0.0432	89	40-161	1	20	mg/kg	04.30.14 19:38	

QC Summary 484145

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035

Seq Number: 939770 Matrix: Soil Date Prep: 04.30.14

Parent Sample Id: 484111-001 MS Sample Id: 484111-001 S MSD Sample Id: 484111-001 SD

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	123		121		50-150	%	04.30.14 19:38
4-Bromofluorobenzene	96		96		57-158	%	04.30.14 19:38
Toluene-D8	95		97		50-150	%	04.30.14 19:38

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 939725 Matrix: Soil Date Prep: 04.29.14

Parent Sample Id: 483946-001 MS Sample Id: 483946-001 S

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
1,1,1-Trichloroethane	<0.00128	0.0852	0.0751	88	62-137	mg/kg	04.29.14 20:01	
1,1,2,2-Tetrachloroethane	<0.00202	0.0852	0.0722	85	64-128	mg/kg	04.29.14 20:01	
1,1,2-Trichloro-1,2,2-Trifluoroethane	<0.00189	0.0852	0.0756	89	33-177	mg/kg	04.29.14 20:01	
1,1,2-Trichloroethane	<0.00114	0.0852	0.0752	88	61-130	mg/kg	04.29.14 20:01	
1,1-Dichloroethane	<0.00137	0.0852	0.0693	81	65-136	mg/kg	04.29.14 20:01	
1,1-Dichloroethene	<0.00198	0.0852	0.0665	78	33-158	mg/kg	04.29.14 20:01	
1,2,3-Trichlorobenzene	<0.000978	0.0852	0.0730	86	48-135	mg/kg	04.29.14 20:01	
1,2,4-Trichlorobenzene	<0.00149	0.0852	0.0713	84	43-139	mg/kg	04.29.14 20:01	
1,2-Dibromo-3-chloropropane (DBCP)	<0.00276	0.0852	0.0737	87	51-130	mg/kg	04.29.14 20:01	
1,2-Dibromoethane (EDB)	<0.00147	0.0852	0.0784	92	69-132	mg/kg	04.29.14 20:01	
1,2-Dichlorobenzene	<0.00220	0.0852	0.0767	90	71-120	mg/kg	04.29.14 20:01	
1,2-Dichloroethane	<0.00102	0.0852	0.0764	90	53-140	mg/kg	04.29.14 20:01	
1,2-Dichloropropane	<0.00158	0.0852	0.0661	78	68-126	mg/kg	04.29.14 20:01	
1,3-Dichlorobenzene	<0.00170	0.0852	0.0767	90	68-127	mg/kg	04.29.14 20:01	
1,4-Dichlorobenzene	<0.00117	0.0852	0.0730	86	72-118	mg/kg	04.29.14 20:01	
2-Butanone (MEK)	<0.00388	0.170	0.120	71	42-147	mg/kg	04.29.14 20:01	
2-Hexanone	<0.00192	0.170	0.145	85	32-142	mg/kg	04.29.14 20:01	
4-Methyl-2-pentanone (MIBK)	<0.00551	0.170	0.145	85	34-149	mg/kg	04.29.14 20:01	
Acetone	0.0576	0.170	0.142	50	43-163	mg/kg	04.29.14 20:01	
Benzene	<0.000874	0.0852	0.0694	81	65-135	mg/kg	04.29.14 20:01	
Bromochloromethane	<0.00171	0.0852	0.0761	89	66-137	mg/kg	04.29.14 20:01	
Bromodichloromethane	<0.000854	0.0852	0.0676	79	60-129	mg/kg	04.29.14 20:01	
Bromoform	<0.00163	0.0852	0.0698	82	48-147	mg/kg	04.29.14 20:01	
Bromomethane	<0.00419	0.0852	0.0709	83	42-170	mg/kg	04.29.14 20:01	
Carbon disulfide	<0.00248	0.0852	0.0606	71	40-147	mg/kg	04.29.14 20:01	
Carbon tetrachloride	<0.00126	0.0852	0.0695	82	71-117	mg/kg	04.29.14 20:01	
Chlorobenzene	<0.000987	0.0852	0.0720	85	71-117	mg/kg	04.29.14 20:01	
Chloroethane	<0.00417	0.0852	0.0640	75	44-166	mg/kg	04.29.14 20:01	
Chloroform	<0.00126	0.0852	0.0723	85	62-127	mg/kg	04.29.14 20:01	
Chloromethane	<0.00393	0.0852	0.0596	70	34-157	mg/kg	04.29.14 20:01	
cis-1,2-Dichloroethene	<0.00113	0.0852	0.0727	85	41-155	mg/kg	04.29.14 20:01	
cis-1,3-Dichloropropene	<0.000919	0.0852	0.0689	81	63-128	mg/kg	04.29.14 20:01	
Cyclohexane	<0.00161	0.0852	0.0759	89	53-145	mg/kg	04.29.14 20:01	
Dibromochloromethane	<0.00169	0.0852	0.0706	83	59-135	mg/kg	04.29.14 20:01	
Dichlorodifluoromethane	<0.00201	0.0852	0.0775	91	16-171	mg/kg	04.29.14 20:01	
Ethylbenzene	<0.000963	0.0852	0.0752	88	65-139	mg/kg	04.29.14 20:01	
Isopropylbenzene	<0.00129	0.0852	0.0717	84	62-133	mg/kg	04.29.14 20:01	
m,p-Xylenes	<0.00206	0.170	0.153	90	69-130	mg/kg	04.29.14 20:01	
Methyl acetate	<0.00161	0.0852	0.0672	79	20-170	mg/kg	04.29.14 20:01	
Methyl tert-butyl ether	<0.00118	0.170	0.139	82	48-169	mg/kg	04.29.14 20:01	
Methylcyclohexane	<0.00186	0.0852	0.0808	95	57-149	mg/kg	04.29.14 20:01	
Methylene chloride	<0.00369	0.0852	0.0698	82	17-184	mg/kg	04.29.14 20:01	
o-Xylene	<0.00122	0.0852	0.0680	80	71-124	mg/kg	04.29.14 20:01	
Styrene	<0.00126	0.0852	0.0691	81	50-143	mg/kg	04.29.14 20:01	
Tetrachloroethene	<0.00177	0.0852	0.0833	98	42-156	mg/kg	04.29.14 20:01	
Toluene	<0.00100	0.0852	0.0705	83	13-188	mg/kg	04.29.14 20:01	
trans-1,2-Dichloroethene	<0.00133	0.0852	0.0641	75	57-143	mg/kg	04.29.14 20:01	
trans-1,3-Dichloropropene	<0.00114	0.0852	0.0681	80	55-141	mg/kg	04.29.14 20:01	
Trichloroethene	<0.00121	0.0852	0.0566	66	39-150	mg/kg	04.29.14 20:01	
Trichlorofluoromethane	<0.00599	0.0852	0.0609	71	34-179	mg/kg	04.29.14 20:01	
Vinyl chloride	<0.00342	0.0852	0.0696	82	40-161	mg/kg	04.29.14 20:01	

QC Summary 484145

Contour Engineering, LLC

Imperial Cleaners - Roswell, GA

Analytical Method: **VOCs by SW-846 8260B** Prep Method: SW5035A

Seq Number: 939725 Matrix: Soil Date Prep: 04.29.14

Parent Sample Id: 483946-001 MS Sample Id: 483946-001 S

Surrogate	MS %Rec	MS Flag	Limits	Units	Analysis Date
1,2-Dichloroethane-D4	128		50-150	%	04.29.14 20:01
4-Bromofluorobenzene	104		57-158	%	04.29.14 20:01
Toluene-D8	95		50-150	%	04.29.14 20:01

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☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 265155 Page 1 of 4

Company-City: CONTOUR ENGINEERING, LLC, KENNESAW, GA **Phone:** 770-794-0266

Lab Only: WO #484145

Proj Name-Location: IMPERIAL CLEANERS - ROSWELL, GA ☒ Previously done at XENCO **Project ID:**

TAT: ASAP 5h 12h 24h 48h (3d) 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL, (GA), LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** KEVIN McGOWAN

e-Mail Results to ☒ PM or **Fax No:**

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:

Quote/Pricing: **P.O No:** ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA

QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name: ANDREW REBER Signature: [signature]

Analysis columns: VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs; VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:; PAHs; FL PRO DRO GRO MA EPH MA VPH; SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL; OC Pesticides PCBs Herbicides OP Pesticides; Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2; SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs); EDB / DBCP; HOLD; TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d; Addn: PAH above mg/L W, mg/Kg S Highest Hit; Hold Samples (Surcharges will apply and are pre-approved); Sample Clean-ups are pre-approved as needed; Remarks

#	Sample ID	Sampling Date	Time	Depth ft' In" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List	HOLD	Remarks
1	SD-34 A	4/25/14	9:03	0-2'	S		X	4				X (struck)	X	
2	SD-34 B	4/25/14	9:10	8-10'	S		X	4				X (struck)	X	
3	SD-34 C	4/25/14	9:17	18'-20'	S		X	4				X (struck)	X	
4	SD-32 A	4/25/14	9:49	0-2'	S		X	4				X		
5	SD-32 B	4/25/14	9:54	8'-10'	S		X	4				X		
6	SD 32 C	4/25/14	10:00	18'-20'	S		X	4				X		
7	SD-33 A	4/25/14	10:34	0'-2'	S		X	4				X		
8	SD-33 B	4/25/14	10:38	8'-10'	S		X	4				X		
9	SD-33 C	4/25/14	10:42	18'-20'	S		X	4				X		
10														

	Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1	1) AR [signature]	10:38 4/26/14	2) HUGO ANEZ	4/26/14 10:38
2	3)		4)	
3	5)		6)	

Total Containers per COC: Cooler Temp: 4.3°C

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From: Rcv by: Date Addn:

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O)

Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (40), 1L (1), 500ml (5), Tedlar Bag (B), Various (V), Other ______ **Cont. Type:** Glass Amb (A), Glass Clear (C), Plastic (P), Various (V)

Matrix: Air (A), Product (P), Solid(S), Water (W), Liquid (L)

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☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 265151 Page 2 of 4

Company-City: CONTOUR ENGINEERING - KENNESAW, GA **Phone:** 770-794-0266
Lab Only: WO# 484145
Proj Name-Location: IMPERIAL CLEANERS - ROSWELL, GA ☒ Previously done at XENCO **Project ID:**
TAT: ASAP 5h 12h 24h 48h (3d) 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.
Proj State: AL, FL (GA) LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** KEVIN MCGOWAN
e-Mail Results to ☒ PM or **Fax No:**
Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:
Quote/Pricing: **P.O No:** ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)
Sampler Name: ANDREW REBER Signature:

	Sample ID	Sampling Date	Time	Depth ft/in/m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	
1	SD-31A	~~4/25/14~~ 4/25/14	10:58	0-2'	S		X	4				X													1
2	SD-31B	4/25/14	11:03	8'-10'	S		X	4				X													2
3	SD-31C	4/25/14	11:08	18'-20'	S		X	4				X													3
4	SD-29A	4/25/14	11:24	0-2'	S		X	4				X													4
5	SD-29B	4/25/14	11:36	8'-10'	S		X	4				X													5
6	SD-29C	4/25/14	11:41	18-20'	S		X	4				X													6
7	SD-30A	4/25/14	12:10	0-2'	S		X	4				X													7
8	SD-30B	4/25/14	12:14	8'-10'	S		X	4				X													8
9	SD-30C	4/25/14	12:18	18-20'	S		X	4				X													9
10																									10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) A.R.	10:38 4/26/14	2) HUGO ANCE	4/26/14 10.38
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp: 4.3°C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 265152 Page 3 of 4

Company-City	**Phone**
Contour Engineering, LLC - Kennesaw, GA	770-794-0266
Proj Name-Location ☒ Previously done at XENCO	**Project ID**
Imperial Cleaners - Roswell, GA	
Proj State: AL, FL (GA) LA, MS, NC, NJ, PA, SC, TN, TX, UT Other	**Proj. Manager (PM)** Kevin McGowan
e-Mail Results to ☒PM or	**Fax No:**
Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:	
Quote/Pricing:	**P.O No:** ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA	
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:	
Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)	

Lab Only: WO # 484145

TAT: ASAP 5h 12h 24h 48h (3d) 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Sampler Name: Andrew Rebeiz Signature: Andrew Rebeiz

	Sample ID	Sampling Date	Time	Depth (ft In m)	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed	Addn:
1	SD-28A	4/25/14	13:18	0'-2'	S		X	4				X													1
2	SD-28B	4/25/14	13:22	8'-10'	S		X	4				X													2
3	SD-28C	4/25/14	13:26	18'-20'	S		X	4				X													3
4	SD-27A	4/25/14	13:40	0'-2'	S		X	4				X													4
5	SD-27B	4/25/14	13:44	8'-10'	S		X	4				X													5
6	SD-27C	4/25/14	13:47	18'-20'	S		X	4				X													6
7	SD-26A	4/25/14	14:00	0'-2'	S		X	4				X													7
8	SD-26B	4/25/14	14:04	8'-10'	S		X	4				X													8
9	SD-26C	4/25/14	14:08	18'-20'	S		X	4				X													9
10																									10

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) A.R. Andrew Rebeiz	10:38 4/26/14	2) Hugo Arce	4/26/14 10:38
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp: 4.3°C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (P), Solid(**S**), Water (**W**), Liquid (**L**)

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☐ South Carolina 803-543-8099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial #: 265153 Page 4 of 4

Company-City: Contour Engineering, LLC - Kennesaw, GA **Phone:** TD-794-0266
Lab Only: WO # 484145
Proj Name-Location: Imperial Cleaners - Roswell, GA ☒ Previously done at XENCO **Project ID:**
Proj State: AL, FL, (GA) LA, MS, NC, NJ, PA, SC, TN, TX, UT Other **Proj. Manager (PM):** Kevin McGowan
e-Mail Results to ☒PM or **Fax No:**
Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O Bill to:
Quote/Pricing: **P.O No:** ☐ Call for P.O.
Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)
Sampler Name: Andrew Rebeiz Signature:

TAT: ASAP 5h 12h 24h 48h (3d) 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

	Sample ID	Sampling Date	Time	Depth ft' In" E	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PAHs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	HOLD Bis (2-ethylhexyl) Phthalate 8270	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed
1	SD-25A	4/25/14	14:30	0'-2'	S		X	4				X													
2	SD-25B	4/25/14	14:34	8'-10'	S		X	4				X													
3	SD-25C	4/25/14	14:38	18'-20'	S		X	4				X													
4	SD-35A	4/25/14	14:54	0'-2'	S		X	4													X				
5	SD-35B	4/25/14	14:58	8'-10'	S		X	4													X				
6	SD-35C	4/25/14	15:01	18'-20'	S		X	4													X				
7	LY-3	4/25/14	15:40	17.5'	W		X	2														X			
8	LY-2	4/25/14	17:15	14.5'	W		X	2														X			
9																									
10																									

Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1) A.R. Andrew Rebeiz	10:30 4/26/14	2) HUGO AVEZ	4/26/14 10:38
3)		4)	
5)		6)	

Total Containers per COC: Cooler Temp: 4.3 C

Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool,<4C) (**C**), None (**NA**), See Label (**L**), Other (**O**) _____

Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (V), Other _____ **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)

Matrix: Air (**A**), Product (**P**), Solid(**S**), Water (**W**), Liquid (**L**)

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XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Florida Testing Services, LLC

Client: Contour Engineering, LLC

Date/ Time Received: 04/26/2014 09:53:00 AM

Work Order #: 484145

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : # 61

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	4.5
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6 *Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Sample instructions complete on Chain of Custody?	**Yes**
#9 Any missing/extra samples?	**No**
#10 Chain of Custody signed when relinquished/ received?	**Yes**
#11 Chain of Custody agrees with sample label(s)?	**Yes**
#12 Container label(s) legible and intact?	**Yes**
#13 Sample matrix/ properties agree with Chain of Custody?	**Yes**
#14 Samples in proper container/ bottle?	**Yes**
#15 Samples properly preserved?	**Yes**
#16 Sample container(s) intact?	**Yes**
#17 Sufficient sample amount for indicated test(s)?	**Yes**
#18 All samples received within hold time?	**Yes**
#19 Subcontract of sample(s)?	**No**
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	**Yes**
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	**N/A**
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	PH Device/Lot#:

Checklist completed by: Dario Lagunas Date: 04/26/2014

Checklist reviewed by: Eben Buchanan Date: 04/28/2014

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

July 16, 2014

Biren Patel
Contour Engineering, LLC
1955 Vaugh Rd.
Kennesaw GA 30144

TEL: (770) 794-0266
FAX: (770) 794-9483

RE: West Roswell ES

Dear Biren Patel: Order No: 1407724

Analytical Environmental Services, Inc. received 18 samples on 7/9/2014 1:00:00 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 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

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

3080 Presidential Drive, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1407724

Date: 7-8-14 Page ____ of ____

COMPANY:	ADDRESS:
Contour Engineering, LLC	1955 Vaughn Rd, Ste 101 Kennesaw, GA 30144
PHONE: 770-794-0266	FAX:
SAMPLED BY: Biren Patel	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOC 8260	No # of Containers	REMARKS
1	B-36a	7-8-14	0925	X		SO	X	3	14
2	B-36b	7-8-14	0930	X		SO	X	4	
3	B-36c	7-8-14	0935	X		SO	X	4	
4	B-37a	7-8-14	0955	X		SO	X	4	
5	B-37b	7-8-14	1002	X		SO	X	4	
6	B-37c	7-8-14	1355	X		SO	X	4	
7	B-38a	7-8-14	1405	X		SO	X	4	
8	B-38b	7-8-14	1409	X		SO	X	4	
9	B-38c	7-8-14	1415	X		SO	X	4	
10	B-39a	7-8-14	1428	X		SO	X	4	
11	B-39b	7-8-14	1432	X		SO	X	4	
12	B-39c	7-8-14	1438	X		SO	X	4	
13	B-40a	7-8-14	1450	X		SO	X	4	
14	B-40b	7-8-14	1455	X		SO	X	4	

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

PRESERVATION (See codes)

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	7-8-14 1630	1:	7/9/14 11:35
2:	7-9-14 1:00	2:	7/9/14 1:20
3:		3:	

PROJECT INFORMATION

PROJECT NAME: West Roswell ES
PROJECT #: E13R517
SITE ADDRESS: 1201 Alpharetta St, Roswell GA
SEND REPORT TO:
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 / / 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
3080 Presidential Drive, Atlanta GA 30340-3704
AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1407724

Date: 7-8-14 Page ____ of ____

COMPANY:	ADDRESS:
Contour Engineering, LLC	1955 Vaughn Rd, Ste 101 Kennesaw, GA 30144
PHONE: 770-794-0266	FAX:
SAMPLED BY: B. Patel	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOC 8260	No # of Containers	REMARKS
1	B-40c	7-8-14	1500	X		SO	X	4	
2	B-41c	7-8-14	1515	X		SO	X	4	
3	B-41b	7-8-14	1520	X		SO	X	4	
4	B-41c	7-8-14	1525	X		SO	X	4	
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									

ANALYSIS REQUESTED

PRESERVATION (See codes)

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:	7-8-14 1630	1:	7/9/14 11:35
2:	7-9-14 1:00	2:	7/9/14 1:12
3:		3:	

PROJECT INFORMATION

PROJECT NAME: West Roswell ES

PROJECT #: 01) FCS17

SITE ADDRESS: 1201 Alpharetta St. Roswell, GA

SEND REPORT TO:

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 / / 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-Jul-14

Client: Contour Engineering, LLC
Project: West Roswell ES
Lab ID: 1407724

Case Narrative

Volatile Organic Compounds Analysis by Method 8260B:

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on samples 1407724-003A, 009A, -013A, -015A, & -018A was outside control limits biased low due to suspected matrix interference.

Percent recovery for the internal standard compound Pentafluorobenzene on samples 1407724-016A, & -017A was outside control limits biased low due to suspected matrix interference.

Analytical Environmental Services, Inc **Date:** 16-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-36a
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 9:25:00 AM
Lab ID:	1407724-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
1,1,2,2-Tetrachloroethane	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
1,1,2-Trichloroethane	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
1,1-Dichloroethane	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
1,1-Dichloroethene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
1,2,4-Trichlorobenzene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
1,2-Dibromo-3-chloropropane	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
1,2-Dibromoethane	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
1,2-Dichlorobenzene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
1,2-Dichloroethane	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
1,2-Dichloropropane	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
1,3-Dichlorobenzene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
1,4-Dichlorobenzene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
2-Butanone	BRL	63		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
2-Hexanone	BRL	13		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
4-Methyl-2-pentanone	BRL	13		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Acetone	BRL	130		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Benzene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Bromodichloromethane	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Bromoform	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Bromomethane	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Carbon disulfide	BRL	13		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Carbon tetrachloride	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Chlorobenzene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Chloroethane	BRL	13		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Chloroform	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Chloromethane	BRL	13		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
cis-1,2-Dichloroethene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
cis-1,3-Dichloropropene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Cyclohexane	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Dibromochloromethane	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Dichlorodifluoromethane	BRL	13		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Ethylbenzene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Freon-113	BRL	13		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Isopropylbenzene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
m,p-Xylene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Methyl acetate	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Methyl tert-butyl ether	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Methylcyclohexane	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Methylene chloride	BRL	25		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
o-Xylene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-36a
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 9:25:00 AM
Lab ID:	1407724-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Tetrachloroethene	79	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Toluene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
trans-1,2-Dichloroethene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
trans-1,3-Dichloropropene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Trichloroethene	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Trichlorofluoromethane	BRL	6.3		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Vinyl chloride	BRL	13		ug/Kg-dry	193468	1	07/10/2014 16:07	MD
Surr: 4-Bromofluorobenzene	90.4	70-128		%REC	193468	1	07/10/2014 16:07	MD
Surr: Dibromofluoromethane	115	78.2-128		%REC	193468	1	07/10/2014 16:07	MD
Surr: Toluene-d8	90.7	76.5-116		%REC	193468	1	07/10/2014 16:07	MD
PERCENT MOISTURE D2216								
Percent Moisture	18.5	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-36b
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 9:30:00 AM
Lab ID:	1407724-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
1,1,2,2-Tetrachloroethane	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
1,1,2-Trichloroethane	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
1,1-Dichloroethane	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
1,1-Dichloroethene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
1,2,4-Trichlorobenzene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
1,2-Dibromo-3-chloropropane	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
1,2-Dibromoethane	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
1,2-Dichlorobenzene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
1,2-Dichloroethane	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
1,2-Dichloropropane	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
1,3-Dichlorobenzene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
1,4-Dichlorobenzene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
2-Butanone	BRL	110		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
2-Hexanone	BRL	22		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
4-Methyl-2-pentanone	BRL	22		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Acetone	BRL	220		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Benzene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Bromodichloromethane	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Bromoform	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Bromomethane	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Carbon disulfide	BRL	22		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Carbon tetrachloride	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Chlorobenzene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Chloroethane	BRL	22		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Chloroform	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Chloromethane	BRL	22		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
cis-1,2-Dichloroethene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
cis-1,3-Dichloropropene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Cyclohexane	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Dibromochloromethane	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Dichlorodifluoromethane	BRL	22		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Ethylbenzene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Freon-113	BRL	22		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Isopropylbenzene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
m,p-Xylene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Methyl acetate	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Methyl tert-butyl ether	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Methylcyclohexane	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Methylene chloride	BRL	45		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
o-Xylene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-36b
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 9:30:00 AM
Lab ID:	1407724-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Tetrachloroethene	22	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Toluene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
trans-1,2-Dichloroethene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
trans-1,3-Dichloropropene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Trichloroethene	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Trichlorofluoromethane	BRL	11		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Vinyl chloride	BRL	22		ug/Kg-dry	193468	1	07/10/2014 16:33	MD
Surr: 4-Bromofluorobenzene	94	70-128		%REC	193468	1	07/10/2014 16:33	MD
Surr: Dibromofluoromethane	115	78.2-128		%REC	193468	1	07/10/2014 16:33	MD
Surr: Toluene-d8	92.6	76.5-116		%REC	193468	1	07/10/2014 16:33	MD
PERCENT MOISTURE D2216								
Percent Moisture	16.1	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-36c
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 9:35:00 AM
Lab ID:	1407724-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
1,1,2,2-Tetrachloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
1,1,2-Trichloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
1,1-Dichloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
1,1-Dichloroethene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
1,2,4-Trichlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
1,2-Dibromo-3-chloropropane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
1,2-Dibromoethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
1,2-Dichlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
1,2-Dichloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
1,2-Dichloropropane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
1,3-Dichlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
1,4-Dichlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
2-Butanone	BRL	77		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
2-Hexanone	BRL	15		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
4-Methyl-2-pentanone	BRL	15		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Acetone	BRL	150		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Benzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Bromodichloromethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Bromoform	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Bromomethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Carbon disulfide	BRL	15		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Carbon tetrachloride	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Chlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Chloroethane	BRL	15		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Chloroform	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Chloromethane	BRL	15		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
cis-1,2-Dichloroethene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
cis-1,3-Dichloropropene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Cyclohexane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Dibromochloromethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Dichlorodifluoromethane	BRL	15		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Ethylbenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Freon-113	BRL	15		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Isopropylbenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
m,p-Xylene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Methyl acetate	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Methyl tert-butyl ether	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Methylcyclohexane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Methylene chloride	BRL	31		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
o-Xylene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-36c
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 9:35:00 AM
Lab ID:	1407724-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Tetrachloroethene	5500	320		ug/Kg-dry	193623	50	07/14/2014 20:14	AR
Toluene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
trans-1,2-Dichloroethene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
trans-1,3-Dichloropropene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Trichloroethene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Trichlorofluoromethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Vinyl chloride	BRL	15		ug/Kg-dry	193468	1	07/12/2014 17:23	MD
Surr: 4-Bromofluorobenzene	91.8	70-128		%REC	193623	50	07/14/2014 20:14	AR
Surr: 4-Bromofluorobenzene	87.2	70-128		%REC	193468	1	07/12/2014 17:23	MD
Surr: Dibromofluoromethane	113	78.2-128		%REC	193623	50	07/14/2014 20:14	AR
Surr: Dibromofluoromethane	108	78.2-128		%REC	193468	1	07/12/2014 17:23	MD
Surr: Toluene-d8	94.4	76.5-116		%REC	193623	50	07/14/2014 20:14	AR
Surr: Toluene-d8	91	76.5-116		%REC	193468	1	07/12/2014 17:23	MD
PERCENT MOISTURE D2216								
Percent Moisture	19.8	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-37a
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 9:55:00 AM
Lab ID:	1407724-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
1,1,2,2-Tetrachloroethane	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
1,1,2-Trichloroethane	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
1,1-Dichloroethane	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
1,1-Dichloroethene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
1,2,4-Trichlorobenzene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
1,2-Dibromo-3-chloropropane	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
1,2-Dibromoethane	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
1,2-Dichlorobenzene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
1,2-Dichloroethane	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
1,2-Dichloropropane	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
1,3-Dichlorobenzene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
1,4-Dichlorobenzene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
2-Butanone	BRL	69		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
2-Hexanone	BRL	14		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
4-Methyl-2-pentanone	BRL	14		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Acetone	BRL	140		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Benzene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Bromodichloromethane	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Bromoform	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Bromomethane	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Carbon disulfide	BRL	14		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Carbon tetrachloride	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Chlorobenzene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Chloroethane	BRL	14		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Chloroform	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Chloromethane	BRL	14		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
cis-1,2-Dichloroethene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
cis-1,3-Dichloropropene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Cyclohexane	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Dibromochloromethane	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Dichlorodifluoromethane	BRL	14		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Ethylbenzene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Freon-113	BRL	14		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Isopropylbenzene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
m,p-Xylene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Methyl acetate	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Methyl tert-butyl ether	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Methylcyclohexane	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Methylene chloride	BRL	28		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
o-Xylene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-37a
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 9:55:00 AM
Lab ID:	1407724-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Tetrachloroethene	20	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Toluene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
trans-1,2-Dichloroethene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
trans-1,3-Dichloropropene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Trichloroethene	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Trichlorofluoromethane	BRL	6.9		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Vinyl chloride	BRL	14		ug/Kg-dry	193468	1	07/12/2014 17:49	MD
Surr: 4-Bromofluorobenzene	89.9	70-128		%REC	193468	1	07/12/2014 17:49	MD
Surr: Dibromofluoromethane	108	78.2-128		%REC	193468	1	07/12/2014 17:49	MD
Surr: Toluene-d8	91.2	76.5-116		%REC	193468	1	07/12/2014 17:49	MD
PERCENT MOISTURE D2216								
Percent Moisture	15.5	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-37b
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 10:02:00 AM
Lab ID:	1407724-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
1,1,2,2-Tetrachloroethane	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
1,1,2-Trichloroethane	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
1,1-Dichloroethane	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
1,1-Dichloroethene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
1,2,4-Trichlorobenzene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
1,2-Dibromo-3-chloropropane	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
1,2-Dibromoethane	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
1,2-Dichlorobenzene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
1,2-Dichloroethane	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
1,2-Dichloropropane	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
1,3-Dichlorobenzene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
1,4-Dichlorobenzene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
2-Butanone	BRL	84		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
2-Hexanone	BRL	17		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
4-Methyl-2-pentanone	BRL	17		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Acetone	300	170		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Benzene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Bromodichloromethane	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Bromoform	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Bromomethane	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Carbon disulfide	BRL	17		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Carbon tetrachloride	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Chlorobenzene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Chloroethane	BRL	17		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Chloroform	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Chloromethane	BRL	17		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
cis-1,2-Dichloroethene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
cis-1,3-Dichloropropene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Cyclohexane	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Dibromochloromethane	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Dichlorodifluoromethane	BRL	17		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Ethylbenzene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Freon-113	BRL	17		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Isopropylbenzene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
m,p-Xylene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Methyl acetate	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Methyl tert-butyl ether	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Methylcyclohexane	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Methylene chloride	BRL	33		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
o-Xylene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-37b
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 10:02:00 AM
Lab ID:	1407724-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Tetrachloroethene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Toluene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
trans-1,2-Dichloroethene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
trans-1,3-Dichloropropene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Trichloroethene	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Trichlorofluoromethane	BRL	8.4		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Vinyl chloride	BRL	17		ug/Kg-dry	193468	1	07/10/2014 18:50	MD
Surr: 4-Bromofluorobenzene	97.9	70-128		%REC	193468	1	07/10/2014 18:50	MD
Surr: Dibromofluoromethane	115	78.2-128		%REC	193468	1	07/10/2014 18:50	MD
Surr: Toluene-d8	91.7	76.5-116		%REC	193468	1	07/10/2014 18:50	MD
PERCENT MOISTURE D2216								
Percent Moisture	17.9	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-37c
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 1:55:00 PM
Lab ID:	1407724-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
1,1,2,2-Tetrachloroethane	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
1,1,2-Trichloroethane	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
1,1-Dichloroethane	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
1,1-Dichloroethene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
1,2,4-Trichlorobenzene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
1,2-Dibromo-3-chloropropane	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
1,2-Dibromoethane	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
1,2-Dichlorobenzene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
1,2-Dichloroethane	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
1,2-Dichloropropane	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
1,3-Dichlorobenzene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
1,4-Dichlorobenzene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
2-Butanone	BRL	98		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
2-Hexanone	BRL	20		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
4-Methyl-2-pentanone	BRL	20		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Acetone	BRL	200		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Benzene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Bromodichloromethane	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Bromoform	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Bromomethane	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Carbon disulfide	BRL	20		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Carbon tetrachloride	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Chlorobenzene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Chloroethane	BRL	20		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Chloroform	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Chloromethane	BRL	20		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
cis-1,2-Dichloroethene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
cis-1,3-Dichloropropene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Cyclohexane	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Dibromochloromethane	310	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Dichlorodifluoromethane	BRL	20		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Ethylbenzene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Freon-113	BRL	20		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Isopropylbenzene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
m,p-Xylene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Methyl acetate	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Methyl tert-butyl ether	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Methylcyclohexane	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Methylene chloride	BRL	39		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
o-Xylene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	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:** 16-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-37c
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 1:55:00 PM
Lab ID:	1407724-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Tetrachloroethene	7900	680		ug/Kg-dry	193623	50	07/14/2014 20:42	AR
Toluene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
trans-1,2-Dichloroethene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
trans-1,3-Dichloropropene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Trichloroethene	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Trichlorofluoromethane	BRL	9.8		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Vinyl chloride	BRL	20		ug/Kg-dry	193468	1	07/12/2014 18:16	MD
Surr: 4-Bromofluorobenzene	92.9	70-128		%REC	193623	50	07/14/2014 20:42	AR
Surr: 4-Bromofluorobenzene	90.3	70-128		%REC	193468	1	07/12/2014 18:16	MD
Surr: Dibromofluoromethane	109	78.2-128		%REC	193468	1	07/12/2014 18:16	MD
Surr: Dibromofluoromethane	111	78.2-128		%REC	193623	50	07/14/2014 20:42	AR
Surr: Toluene-d8	93.8	76.5-116		%REC	193623	50	07/14/2014 20:42	AR
Surr: Toluene-d8	92.5	76.5-116		%REC	193468	1	07/12/2014 18:16	MD
PERCENT MOISTURE D2216								
Percent Moisture	18.6	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-38a
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:05:00 PM
Lab ID:	1407724-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
1,1,2,2-Tetrachloroethane	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
1,1,2-Trichloroethane	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
1,1-Dichloroethane	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
1,1-Dichloroethene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
1,2,4-Trichlorobenzene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
1,2-Dibromo-3-chloropropane	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
1,2-Dibromoethane	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
1,2-Dichlorobenzene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
1,2-Dichloroethane	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
1,2-Dichloropropane	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
1,3-Dichlorobenzene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
1,4-Dichlorobenzene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
2-Butanone	BRL	80		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
2-Hexanone	BRL	16		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
4-Methyl-2-pentanone	BRL	16		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Acetone	BRL	160		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Benzene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Bromodichloromethane	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Bromoform	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Bromomethane	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Carbon disulfide	BRL	16		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Carbon tetrachloride	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Chlorobenzene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Chloroethane	BRL	16		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Chloroform	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Chloromethane	BRL	16		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
cis-1,2-Dichloroethene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
cis-1,3-Dichloropropene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Cyclohexane	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Dibromochloromethane	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Dichlorodifluoromethane	BRL	16		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Ethylbenzene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Freon-113	BRL	16		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Isopropylbenzene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
m,p-Xylene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Methyl acetate	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Methyl tert-butyl ether	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Methylcyclohexane	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Methylene chloride	BRL	32		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
o-Xylene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-38a
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:05:00 PM
Lab ID:	1407724-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Tetrachloroethene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Toluene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
trans-1,2-Dichloroethene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
trans-1,3-Dichloropropene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Trichloroethene	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Trichlorofluoromethane	BRL	8.0		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Vinyl chloride	BRL	16		ug/Kg-dry	193468	1	07/12/2014 18:42	MD
Surr: 4-Bromofluorobenzene	95.3	70-128		%REC	193468	1	07/12/2014 18:42	MD
Surr: Dibromofluoromethane	107	78.2-128		%REC	193468	1	07/12/2014 18:42	MD
Surr: Toluene-d8	94.7	76.5-116		%REC	193468	1	07/12/2014 18:42	MD
PERCENT MOISTURE D2216								
Percent Moisture	28.4	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-38b
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:09:00 PM
Lab ID:	1407724-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
1,1,2,2-Tetrachloroethane	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
1,1,2-Trichloroethane	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
1,1-Dichloroethane	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
1,1-Dichloroethene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
1,2,4-Trichlorobenzene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
1,2-Dibromo-3-chloropropane	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
1,2-Dibromoethane	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
1,2-Dichlorobenzene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
1,2-Dichloroethane	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
1,2-Dichloropropane	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
1,3-Dichlorobenzene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
1,4-Dichlorobenzene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
2-Butanone	BRL	85		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
2-Hexanone	BRL	17		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
4-Methyl-2-pentanone	BRL	17		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Acetone	BRL	170		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Benzene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Bromodichloromethane	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Bromoform	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Bromomethane	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Carbon disulfide	BRL	17		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Carbon tetrachloride	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Chlorobenzene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Chloroethane	BRL	17		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Chloroform	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Chloromethane	BRL	17		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
cis-1,2-Dichloroethene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
cis-1,3-Dichloropropene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Cyclohexane	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Dibromochloromethane	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Dichlorodifluoromethane	BRL	17		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Ethylbenzene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Freon-113	BRL	17		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Isopropylbenzene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
m,p-Xylene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Methyl acetate	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Methyl tert-butyl ether	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Methylcyclohexane	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Methylene chloride	BRL	34		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
o-Xylene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-38b
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:09:00 PM
Lab ID:	1407724-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Tetrachloroethene	57	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Toluene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
trans-1,2-Dichloroethene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
trans-1,3-Dichloropropene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Trichloroethene	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Trichlorofluoromethane	BRL	8.5		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Vinyl chloride	BRL	17		ug/Kg-dry	193468	1	07/12/2014 19:09	MD
Surr: 4-Bromofluorobenzene	93.4	70-128		%REC	193468	1	07/12/2014 19:09	MD
Surr: Dibromofluoromethane	113	78.2-128		%REC	193468	1	07/12/2014 19:09	MD
Surr: Toluene-d8	94.3	76.5-116		%REC	193468	1	07/12/2014 19:09	MD
PERCENT MOISTURE D2216								
Percent Moisture	25.8	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-38c
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:15:00 PM
Lab ID:	1407724-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
1,1,2,2-Tetrachloroethane	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
1,1,2-Trichloroethane	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
1,1-Dichloroethane	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
1,1-Dichloroethene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
1,2,4-Trichlorobenzene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
1,2-Dibromo-3-chloropropane	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
1,2-Dibromoethane	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
1,2-Dichlorobenzene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
1,2-Dichloroethane	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
1,2-Dichloropropane	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
1,3-Dichlorobenzene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
1,4-Dichlorobenzene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
2-Butanone	BRL	130		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
2-Hexanone	BRL	26		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
4-Methyl-2-pentanone	BRL	26		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Acetone	BRL	260		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Benzene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Bromodichloromethane	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Bromoform	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Bromomethane	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Carbon disulfide	46	26		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Carbon tetrachloride	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Chlorobenzene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Chloroethane	BRL	26		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Chloroform	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Chloromethane	BRL	26		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
cis-1,2-Dichloroethene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
cis-1,3-Dichloropropene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Cyclohexane	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Dibromochloromethane	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Dichlorodifluoromethane	BRL	26		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Ethylbenzene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Freon-113	BRL	26		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Isopropylbenzene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
m,p-Xylene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Methyl acetate	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Methyl tert-butyl ether	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Methylcyclohexane	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Methylene chloride	BRL	52		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
o-Xylene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	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:** 16-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-38c
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:15:00 PM
Lab ID:	1407724-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Tetrachloroethene	800	490		ug/Kg-dry	193623	50	07/15/2014 11:01	NP
Toluene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
trans-1,2-Dichloroethene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
trans-1,3-Dichloropropene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Trichloroethene	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Trichlorofluoromethane	BRL	13		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Vinyl chloride	BRL	26		ug/Kg-dry	193468	1	07/12/2014 20:30	MD
Surr: 4-Bromofluorobenzene	84.7	70-128		%REC	193468	1	07/12/2014 20:30	MD
Surr: 4-Bromofluorobenzene	94.1	70-128		%REC	193623	50	07/15/2014 11:01	NP
Surr: Dibromofluoromethane	113	78.2-128		%REC	193468	1	07/12/2014 20:30	MD
Surr: Dibromofluoromethane	118	78.2-128		%REC	193623	50	07/15/2014 11:01	NP
Surr: Toluene-d8	95.4	76.5-116		%REC	193468	1	07/12/2014 20:30	MD
Surr: Toluene-d8	95.4	76.5-116		%REC	193623	50	07/15/2014 11:01	NP
PERCENT MOISTURE D2216								
Percent Moisture	18.9	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-39a
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:28:00 PM
Lab ID:	1407724-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
1,1,2,2-Tetrachloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
1,1,2-Trichloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
1,1-Dichloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
1,1-Dichloroethene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
1,2,4-Trichlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
1,2-Dibromo-3-chloropropane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
1,2-Dibromoethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
1,2-Dichlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
1,2-Dichloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
1,2-Dichloropropane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
1,3-Dichlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
1,4-Dichlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
2-Butanone	BRL	77		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
2-Hexanone	BRL	15		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
4-Methyl-2-pentanone	BRL	15		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Acetone	BRL	150		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Benzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Bromodichloromethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Bromoform	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Bromomethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Carbon disulfide	BRL	15		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Carbon tetrachloride	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Chlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Chloroethane	BRL	15		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Chloroform	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Chloromethane	BRL	15		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
cis-1,2-Dichloroethene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
cis-1,3-Dichloropropene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Cyclohexane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Dibromochloromethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Dichlorodifluoromethane	BRL	15		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Ethylbenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Freon-113	BRL	15		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Isopropylbenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
m,p-Xylene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Methyl acetate	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Methyl tert-butyl ether	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Methylcyclohexane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Methylene chloride	BRL	31		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
o-Xylene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-39a
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:28:00 PM
Lab ID:	1407724-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Tetrachloroethene	32	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Toluene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
trans-1,2-Dichloroethene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
trans-1,3-Dichloropropene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Trichloroethene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Trichlorofluoromethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Vinyl chloride	BRL	15		ug/Kg-dry	193468	1	07/12/2014 20:56	MD
Surr: 4-Bromofluorobenzene	91.3	70-128		%REC	193468	1	07/12/2014 20:56	MD
Surr: Dibromofluoromethane	115	78.2-128		%REC	193468	1	07/12/2014 20:56	MD
Surr: Toluene-d8	93.7	76.5-116		%REC	193468	1	07/12/2014 20:56	MD
PERCENT MOISTURE D2216								
Percent Moisture	15.2	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-39b
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:32:00 PM
Lab ID:	1407724-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
1,1,2,2-Tetrachloroethane	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
1,1,2-Trichloroethane	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
1,1-Dichloroethane	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
1,1-Dichloroethene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
1,2,4-Trichlorobenzene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
1,2-Dibromo-3-chloropropane	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
1,2-Dibromoethane	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
1,2-Dichlorobenzene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
1,2-Dichloroethane	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
1,2-Dichloropropane	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
1,3-Dichlorobenzene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
1,4-Dichlorobenzene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
2-Butanone	BRL	80		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
2-Hexanone	BRL	16		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
4-Methyl-2-pentanone	BRL	16		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Acetone	BRL	160		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Benzene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Bromodichloromethane	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Bromoform	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Bromomethane	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Carbon disulfide	BRL	16		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Carbon tetrachloride	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Chlorobenzene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Chloroethane	BRL	16		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Chloroform	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Chloromethane	BRL	16		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
cis-1,2-Dichloroethene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
cis-1,3-Dichloropropene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Cyclohexane	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Dibromochloromethane	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Dichlorodifluoromethane	BRL	16		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Ethylbenzene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Freon-113	BRL	16		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Isopropylbenzene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
m,p-Xylene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Methyl acetate	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Methyl tert-butyl ether	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Methylcyclohexane	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Methylene chloride	BRL	32		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
o-Xylene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	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:** 16-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-39b
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:32:00 PM
Lab ID:	1407724-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Tetrachloroethene	29	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Toluene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
trans-1,2-Dichloroethene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
trans-1,3-Dichloropropene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Trichloroethene	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Trichlorofluoromethane	BRL	8.0		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Vinyl chloride	BRL	16		ug/Kg-dry	193468	1	07/14/2014 15:08	MD
Surr: 4-Bromofluorobenzene	102	70-128		%REC	193468	1	07/14/2014 15:08	MD
Surr: Dibromofluoromethane	103	78.2-128		%REC	193468	1	07/14/2014 15:08	MD
Surr: Toluene-d8	92.4	76.5-116		%REC	193468	1	07/14/2014 15:08	MD
PERCENT MOISTURE D2216								
Percent Moisture	19.6	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-39c
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:38:00 PM
Lab ID:	1407724-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
1,1,2,2-Tetrachloroethane	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
1,1,2-Trichloroethane	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
1,1-Dichloroethane	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
1,1-Dichloroethene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
1,2,4-Trichlorobenzene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
1,2-Dibromo-3-chloropropane	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
1,2-Dibromoethane	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
1,2-Dichlorobenzene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
1,2-Dichloroethane	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
1,2-Dichloropropane	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
1,3-Dichlorobenzene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
1,4-Dichlorobenzene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
2-Butanone	BRL	68		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
2-Hexanone	BRL	14		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
4-Methyl-2-pentanone	BRL	14		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Acetone	BRL	140		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Benzene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Bromodichloromethane	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Bromoform	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Bromomethane	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Carbon disulfide	BRL	14		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Carbon tetrachloride	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Chlorobenzene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Chloroethane	BRL	14		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Chloroform	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Chloromethane	BRL	14		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
cis-1,2-Dichloroethene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
cis-1,3-Dichloropropene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Cyclohexane	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Dibromochloromethane	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Dichlorodifluoromethane	BRL	14		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Ethylbenzene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Freon-113	BRL	14		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Isopropylbenzene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
m,p-Xylene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Methyl acetate	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Methyl tert-butyl ether	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Methylcyclohexane	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Methylene chloride	BRL	27		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
o-Xylene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-39c
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:38:00 PM
Lab ID:	1407724-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Tetrachloroethene	140	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Toluene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
trans-1,2-Dichloroethene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
trans-1,3-Dichloropropene	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Trichloroethene	9.1	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Trichlorofluoromethane	BRL	6.8		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Vinyl chloride	BRL	14		ug/Kg-dry	193468	1	07/14/2014 15:34	MD
Surr: 4-Bromofluorobenzene	95.4	70-128		%REC	193468	1	07/14/2014 15:34	MD
Surr: Dibromofluoromethane	105	78.2-128		%REC	193468	1	07/14/2014 15:34	MD
Surr: Toluene-d8	91	76.5-116		%REC	193468	1	07/14/2014 15:34	MD
PERCENT MOISTURE D2216								
Percent Moisture	18.8	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-40a
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:50:00 PM
Lab ID:	1407724-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
1,1,2,2-Tetrachloroethane	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
1,1,2-Trichloroethane	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
1,1-Dichloroethane	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
1,1-Dichloroethene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
1,2,4-Trichlorobenzene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
1,2-Dibromo-3-chloropropane	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
1,2-Dibromoethane	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
1,2-Dichlorobenzene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
1,2-Dichloroethane	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
1,2-Dichloropropane	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
1,3-Dichlorobenzene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
1,4-Dichlorobenzene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
2-Butanone	BRL	81		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
2-Hexanone	BRL	16		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
4-Methyl-2-pentanone	BRL	16		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Acetone	BRL	160		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Benzene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Bromodichloromethane	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Bromoform	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Bromomethane	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Carbon disulfide	BRL	16		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Carbon tetrachloride	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Chlorobenzene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Chloroethane	BRL	16		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Chloroform	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Chloromethane	BRL	16		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
cis-1,2-Dichloroethene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
cis-1,3-Dichloropropene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Cyclohexane	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Dibromochloromethane	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Dichlorodifluoromethane	BRL	16		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Ethylbenzene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Freon-113	BRL	16		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Isopropylbenzene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
m,p-Xylene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Methyl acetate	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Methyl tert-butyl ether	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Methylcyclohexane	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Methylene chloride	BRL	32		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
o-Xylene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-40a
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:50:00 PM
Lab ID:	1407724-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Tetrachloroethene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Toluene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
trans-1,2-Dichloroethene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
trans-1,3-Dichloropropene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Trichloroethene	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Trichlorofluoromethane	BRL	8.1		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Vinyl chloride	BRL	16		ug/Kg-dry	193468	1	07/12/2014 22:17	MD
Surr: 4-Bromofluorobenzene	90.9	70-128		%REC	193468	1	07/12/2014 22:17	MD
Surr: Dibromofluoromethane	114	78.2-128		%REC	193468	1	07/12/2014 22:17	MD
Surr: Toluene-d8	93.2	76.5-116		%REC	193468	1	07/12/2014 22:17	MD
PERCENT MOISTURE D2216								
Percent Moisture	28.1	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-40b
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:55:00 PM
Lab ID:	1407724-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
1,1,2,2-Tetrachloroethane	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
1,1,2-Trichloroethane	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
1,1-Dichloroethane	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
1,1-Dichloroethene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
1,2,4-Trichlorobenzene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
1,2-Dibromo-3-chloropropane	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
1,2-Dibromoethane	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
1,2-Dichlorobenzene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
1,2-Dichloroethane	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
1,2-Dichloropropane	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
1,3-Dichlorobenzene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
1,4-Dichlorobenzene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
2-Butanone	BRL	84		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
2-Hexanone	BRL	17		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
4-Methyl-2-pentanone	BRL	17		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Acetone	BRL	170		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Benzene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Bromodichloromethane	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Bromoform	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Bromomethane	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Carbon disulfide	BRL	17		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Carbon tetrachloride	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Chlorobenzene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Chloroethane	BRL	17		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Chloroform	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Chloromethane	BRL	17		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
cis-1,2-Dichloroethene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
cis-1,3-Dichloropropene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Cyclohexane	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Dibromochloromethane	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Dichlorodifluoromethane	BRL	17		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Ethylbenzene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Freon-113	BRL	17		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Isopropylbenzene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
m,p-Xylene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Methyl acetate	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Methyl tert-butyl ether	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Methylcyclohexane	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Methylene chloride	BRL	33		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
o-Xylene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-40b
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 2:55:00 PM
Lab ID:	1407724-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Tetrachloroethene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Toluene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
trans-1,2-Dichloroethene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
trans-1,3-Dichloropropene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Trichloroethene	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Trichlorofluoromethane	BRL	8.4		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Vinyl chloride	BRL	17		ug/Kg-dry	193468	1	07/14/2014 16:01	MD
Surr: 4-Bromofluorobenzene	102	70-128		%REC	193468	1	07/14/2014 16:01	MD
Surr: Dibromofluoromethane	103	78.2-128		%REC	193468	1	07/14/2014 16:01	MD
Surr: Toluene-d8	91.6	76.5-116		%REC	193468	1	07/14/2014 16:01	MD
PERCENT MOISTURE D2216								
Percent Moisture	12.1	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-40c
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 3:00:00 PM
Lab ID:	1407724-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
1,1,2,2-Tetrachloroethane	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
1,1,2-Trichloroethane	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
1,1-Dichloroethane	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
1,1-Dichloroethene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
1,2,4-Trichlorobenzene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
1,2-Dibromo-3-chloropropane	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
1,2-Dibromoethane	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
1,2-Dichlorobenzene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
1,2-Dichloroethane	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
1,2-Dichloropropane	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
1,3-Dichlorobenzene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
1,4-Dichlorobenzene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
2-Butanone	BRL	76		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
2-Hexanone	BRL	15		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
4-Methyl-2-pentanone	BRL	15		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Acetone	BRL	150		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Benzene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Bromodichloromethane	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Bromoform	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Bromomethane	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Carbon disulfide	BRL	15		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Carbon tetrachloride	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Chlorobenzene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Chloroethane	BRL	15		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Chloroform	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Chloromethane	BRL	15		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
cis-1,2-Dichloroethene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
cis-1,3-Dichloropropene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Cyclohexane	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Dibromochloromethane	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Dichlorodifluoromethane	BRL	15		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Ethylbenzene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Freon-113	BRL	15		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Isopropylbenzene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
m,p-Xylene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Methyl acetate	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Methyl tert-butyl ether	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Methylcyclohexane	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Methylene chloride	BRL	30		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
o-Xylene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-40c
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 3:00:00 PM
Lab ID:	1407724-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Tetrachloroethene	30	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Toluene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
trans-1,2-Dichloroethene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
trans-1,3-Dichloropropene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Trichloroethene	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Trichlorofluoromethane	BRL	7.6		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Vinyl chloride	BRL	15		ug/Kg-dry	193468	1	07/14/2014 16:28	MD
Surr: 4-Bromofluorobenzene	89.2	70-128		%REC	193468	1	07/14/2014 16:28	MD
Surr: Dibromofluoromethane	107	78.2-128		%REC	193468	1	07/14/2014 16:28	MD
Surr: Toluene-d8	88.5	76.5-116		%REC	193468	1	07/14/2014 16:28	MD
PERCENT MOISTURE D2216								
Percent Moisture	21.3	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-41a
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 3:15:00 PM
Lab ID:	1407724-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
1,1,2,2-Tetrachloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
1,1,2-Trichloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
1,1-Dichloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
1,1-Dichloroethene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
1,2,4-Trichlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
1,2-Dibromo-3-chloropropane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
1,2-Dibromoethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
1,2-Dichlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
1,2-Dichloroethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
1,2-Dichloropropane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
1,3-Dichlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
1,4-Dichlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
2-Butanone	BRL	77		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
2-Hexanone	BRL	15		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
4-Methyl-2-pentanone	BRL	15		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Acetone	BRL	150		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Benzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Bromodichloromethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Bromoform	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Bromomethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Carbon disulfide	BRL	15		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Carbon tetrachloride	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Chlorobenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Chloroethane	BRL	15		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Chloroform	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Chloromethane	BRL	15		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
cis-1,2-Dichloroethene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
cis-1,3-Dichloropropene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Cyclohexane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Dibromochloromethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Dichlorodifluoromethane	BRL	15		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Ethylbenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Freon-113	BRL	15		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Isopropylbenzene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
m,p-Xylene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Methyl acetate	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Methyl tert-butyl ether	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Methylcyclohexane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Methylene chloride	BRL	31		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
o-Xylene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	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:** 16-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-41a
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 3:15:00 PM
Lab ID:	1407724-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Tetrachloroethene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Toluene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
trans-1,2-Dichloroethene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
trans-1,3-Dichloropropene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Trichloroethene	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Trichlorofluoromethane	BRL	7.7		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Vinyl chloride	BRL	15		ug/Kg-dry	193468	1	07/12/2014 23:36	MD
Surr: 4-Bromofluorobenzene	94.5	70-128		%REC	193468	1	07/12/2014 23:36	MD
Surr: Dibromofluoromethane	113	78.2-128		%REC	193468	1	07/12/2014 23:36	MD
Surr: Toluene-d8	92.4	76.5-116		%REC	193468	1	07/12/2014 23:36	MD
PERCENT MOISTURE D2216								
Percent Moisture	13.6	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-41b
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 3:20:00 PM
Lab ID:	1407724-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
1,1,2,2-Tetrachloroethane	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
1,1,2-Trichloroethane	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
1,1-Dichloroethane	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
1,1-Dichloroethene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
1,2,4-Trichlorobenzene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
1,2-Dibromo-3-chloropropane	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
1,2-Dibromoethane	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
1,2-Dichlorobenzene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
1,2-Dichloroethane	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
1,2-Dichloropropane	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
1,3-Dichlorobenzene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
1,4-Dichlorobenzene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
2-Butanone	BRL	78		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
2-Hexanone	BRL	16		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
4-Methyl-2-pentanone	BRL	16		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Acetone	BRL	160		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Benzene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Bromodichloromethane	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Bromoform	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Bromomethane	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Carbon disulfide	BRL	16		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Carbon tetrachloride	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Chlorobenzene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Chloroethane	BRL	16		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Chloroform	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Chloromethane	BRL	16		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
cis-1,2-Dichloroethene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
cis-1,3-Dichloropropene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Cyclohexane	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Dibromochloromethane	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Dichlorodifluoromethane	BRL	16		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Ethylbenzene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Freon-113	BRL	16		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Isopropylbenzene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
m,p-Xylene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Methyl acetate	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Methyl tert-butyl ether	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Methylcyclohexane	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Methylene chloride	BRL	31		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
o-Xylene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	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:** 16-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-41b
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 3:20:00 PM
Lab ID:	1407724-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Tetrachloroethene	15	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Toluene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
trans-1,2-Dichloroethene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
trans-1,3-Dichloropropene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Trichloroethene	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Trichlorofluoromethane	BRL	7.8		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Vinyl chloride	BRL	16		ug/Kg-dry	193468	1	07/13/2014 00:03	MD
Surr: 4-Bromofluorobenzene	95.9	70-128		%REC	193468	1	07/13/2014 00:03	MD
Surr: Dibromofluoromethane	112	78.2-128		%REC	193468	1	07/13/2014 00:03	MD
Surr: Toluene-d8	94.4	76.5-116		%REC	193468	1	07/13/2014 00:03	MD
PERCENT MOISTURE D2216								
Percent Moisture	29.0	0		wt%	R271561	1	07/11/2014 11:00	SG

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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-41C
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 3:25:00 PM
Lab ID:	1407724-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
1,1,2,2-Tetrachloroethane	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
1,1,2-Trichloroethane	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
1,1-Dichloroethane	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
1,1-Dichloroethene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
1,2,4-Trichlorobenzene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
1,2-Dibromo-3-chloropropane	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
1,2-Dibromoethane	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
1,2-Dichlorobenzene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
1,2-Dichloroethane	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
1,2-Dichloropropane	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
1,3-Dichlorobenzene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
1,4-Dichlorobenzene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
2-Butanone	BRL	88		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
2-Hexanone	BRL	18		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
4-Methyl-2-pentanone	BRL	18		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Acetone	BRL	180		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Benzene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Bromodichloromethane	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Bromoform	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Bromomethane	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Carbon disulfide	BRL	18		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Carbon tetrachloride	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Chlorobenzene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Chloroethane	BRL	18		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Chloroform	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Chloromethane	BRL	18		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
cis-1,2-Dichloroethene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
cis-1,3-Dichloropropene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Cyclohexane	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Dibromochloromethane	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Dichlorodifluoromethane	BRL	18		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Ethylbenzene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Freon-113	BRL	18		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Isopropylbenzene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
m,p-Xylene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Methyl acetate	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Methyl tert-butyl ether	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Methylcyclohexane	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Methylene chloride	BRL	35		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
o-Xylene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	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-Jul-14

Client:	Contour Engineering, LLC	**Client Sample ID:**	B-41C
Project Name:	West Roswell ES	**Collection Date:**	7/8/2014 3:25:00 PM
Lab ID:	1407724-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Tetrachloroethene	12	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Toluene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
trans-1,2-Dichloroethene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
trans-1,3-Dichloropropene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Trichloroethene	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Trichlorofluoromethane	BRL	8.8		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Vinyl chloride	BRL	18		ug/Kg-dry	193468	1	07/14/2014 16:55	MD
Surr: 4-Bromofluorobenzene	92.6	70-128		%REC	193468	1	07/14/2014 16:55	MD
Surr: Dibromofluoromethane	108	78.2-128		%REC	193468	1	07/14/2014 16:55	MD
Surr: Toluene-d8	90.3	76.5-116		%REC	193468	1	07/14/2014 16:55	MD
PERCENT MOISTURE D2216								
Percent Moisture	19.0	0		wt%	R271561	1	07/11/2014 11:00	SG

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 Cotton Work Order Number 1407724

Checklist completed by [signature] 7/9/14
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: Contour Engineering, LLC
Project Name: West Roswell ES
Workorder: 1407724

ANALYTICAL QC SUMMARY REPORT

BatchID: 193468

Sample ID: **MB-193468** Client ID: Units: **ug/Kg** Prep Date: **07/10/2014** Run No: **271459**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **193468** Analysis Date: **07/10/2014** Seq No: **5728312**

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									
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:

>	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: Contour Engineering, LLC
Project Name: West Roswell ES
Workorder: 1407724

ANALYTICAL QC SUMMARY REPORT

BatchID: 193468

Sample ID: **MB-193468** Client ID: Units: **ug/Kg** Prep Date: **07/10/2014** Run No: **271459**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **193468** Analysis Date: **07/10/2014** Seq No: **5728312**

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	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									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
o-Xylene	BRL	5.0									
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									
Surr: 4-Bromofluorobenzene	43.47	0	50.00		86.9	70	128				
Surr: Dibromofluoromethane	53.70	0	50.00		107	78.2	128				
Surr: Toluene-d8	45.09	0	50.00		90.2	76.5	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: Contour Engineering, LLC
Project Name: West Roswell ES
Workorder: 1407724

ANALYTICAL QC SUMMARY REPORT

BatchID: 193468

Sample ID: **LCS-193468** Client ID: Units: **ug/Kg** Prep Date: **07/10/2014** Run No: **271459**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **193468** Analysis Date: **07/10/2014** Seq No: **5728306**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	47.42	5.0	50.00		94.8	69.9	145				
Benzene	46.50	5.0	50.00		93.0	72.3	130				
Chlorobenzene	49.39	5.0	50.00		98.8	69	130				
Toluene	47.20	5.0	50.00		94.4	71.1	130				
Trichloroethene	48.42	5.0	50.00		96.8	71.7	136				
Surr: 4-Bromofluorobenzene	46.10	0	50.00		92.2	70	128				
Surr: Dibromofluoromethane	47.46	0	50.00		94.9	78.2	128				
Surr: Toluene-d8	44.08	0	50.00		88.2	76.5	116				

Sample ID: **1407664-001AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **07/10/2014** Run No: **271601**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **193468** Analysis Date: **07/12/2014** Seq No: **5730954**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	64.00	6.9	69.40		92.2	56.6	151				
Benzene	64.90	6.9	69.40		93.5	70.4	130				
Chlorobenzene	66.22	6.9	69.40		95.4	67.5	132				
Toluene	64.92	6.9	69.40		93.5	70.4	130				
Trichloroethene	64.78	6.9	69.40		93.3	70.1	137				
Surr: 4-Bromofluorobenzene	60.05	0	69.40		86.5	70	128				
Surr: Dibromofluoromethane	68.85	0	69.40		99.2	78.2	128				
Surr: Toluene-d8	62.99	0	69.40		90.8	76.5	116				

Sample ID: **1407664-001AMSD** Client ID: Units: **ug/Kg-dry** Prep Date: **07/10/2014** Run No: **271601**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **193468** Analysis Date: **07/12/2014** Seq No: **5730955**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	55.69	6.9	69.40		80.2	56.6	151	64.00	13.9	20.4	
Benzene	56.51	6.9	69.40		81.4	70.4	130	64.90	13.8	16.9	

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: Contour Engineering, LLC
Project Name: West Roswell ES
Workorder: 1407724

ANALYTICAL QC SUMMARY REPORT

BatchID: 193468

Sample ID: **1407664-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/Kg-dry** Prep Date: **07/10/2014** Run No: **271601**
BatchID: **193468** Analysis Date: **07/12/2014** Seq No: **5730955**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	59.74	6.9	69.40		86.1	67.5	132	66.22	10.3	14.6	
Toluene	56.05	6.9	69.40		80.8	70.4	130	64.92	14.7	16.6	
Trichloroethene	55.33	6.9	69.40		79.7	70.1	137	64.78	15.7	17	
Surr: 4-Bromofluorobenzene	60.55	0	69.40		87.2	70	128	60.05	0	0	
Surr: Dibromofluoromethane	65.35	0	69.40		94.2	78.2	128	68.85	0	0	
Surr: Toluene-d8	61.63	0	69.40		88.8	76.5	116	62.99	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: Contour Engineering, LLC
Project Name: West Roswell ES
Workorder: 1407724

ANALYTICAL QC SUMMARY REPORT

BatchID: 193623

Sample ID: **MB-193623** Client ID: Units: **ug/Kg** Prep Date: **07/14/2014** Run No: **271585**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **193623** Analysis Date: **07/14/2014** Seq No: **5732527**

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									
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									

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: Contour Engineering, LLC
Project Name: West Roswell ES
Workorder: 1407724

ANALYTICAL QC SUMMARY REPORT

BatchID: 193623

Sample ID: **MB-193623** Client ID: Units: **ug/Kg** Prep Date: **07/14/2014** Run No: **271585**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **193623** Analysis Date: **07/14/2014** Seq No: **5732527**

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									
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									
m,p-Xylene	BRL	250									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
o-Xylene	BRL	250									
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									
Surr: 4-Bromofluorobenzene	2354	0	2500		94.2	70	128				
Surr: Dibromofluoromethane	2941	0	2500		118	78.2	128				
Surr: Toluene-d8	2406	0	2500		96.2	76.5	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: Contour Engineering, LLC
Project Name: West Roswell ES
Workorder: 1407724

ANALYTICAL QC SUMMARY REPORT

BatchID: 193623

Sample ID: **LCS-193623** Client ID: Units: **ug/Kg** Prep Date: **07/14/2014** Run No: **271585**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **193623** Analysis Date: **07/14/2014** Seq No: **5732525**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2442	250	2500		97.7	69.9	145				
Benzene	2357	250	2500		94.3	72.3	130				
Chlorobenzene	2583	250	2500		103	69	130				
Toluene	2538	250	2500		102	71.1	130				
Trichloroethene	2706	250	2500		108	71.7	136				
Surr: 4-Bromofluorobenzene	2406	0	2500		96.2	70	128				
Surr: Dibromofluoromethane	2808	0	2500		112	78.2	128				
Surr: Toluene-d8	2390	0	2500		95.6	76.5	116				

Sample ID: **1407724-003AMS** Client ID: **B-36c** Units: **ug/Kg-dry** Prep Date: **07/14/2014** Run No: **271585**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **193623** Analysis Date: **07/14/2014** Seq No: **5732529**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	3160	320	3242		97.5	56.6	151				
Benzene	2987	320	3242		92.1	70.4	130				
Chlorobenzene	3298	320	3242		102	67.5	132				
Toluene	3227	320	3242		99.5	70.4	130				
Trichloroethene	3386	320	3242		104	70.1	137				
Surr: 4-Bromofluorobenzene	3070	0	3242		94.7	70	128				
Surr: Dibromofluoromethane	3701	0	3242		114	78.2	128				
Surr: Toluene-d8	3070	0	3242		94.7	76.5	116				

Sample ID: **1407724-003AMSD** Client ID: **B-36c** Units: **ug/Kg-dry** Prep Date: **07/14/2014** Run No: **271585**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **193623** Analysis Date: **07/14/2014** Seq No: **5732532**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	2887	320	3242		89.1	56.6	151	3160	9.03	20.4	
Benzene	2879	320	3242		88.8	70.4	130	2987	3.69	16.9	

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: Contour Engineering, LLC
Project Name: West Roswell ES
Workorder: 1407724

ANALYTICAL QC SUMMARY REPORT

BatchID: 193623

Sample ID: **1407724-003AMSD** Client ID: **B-36c** Units: **ug/Kg-dry** Prep Date: **07/14/2014** Run No: **271585**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **193623** Analysis Date: **07/14/2014** Seq No: **5732532**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	3189	320	3242		98.4	67.5	132	3298	3.38	14.6	
Toluene	3121	320	3242		96.3	70.4	130	3227	3.35	16.6	
Trichloroethene	3303	320	3242		102	70.1	137	3386	2.48	17	
Surr: 4-Bromofluorobenzene	3105	0	3242		95.8	70	128	3070	0	0	
Surr: Dibromofluoromethane	3665	0	3242		113	78.2	128	3701	0	0	
Surr: Toluene-d8	3009	0	3242		92.8	76.5	116	3070	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.

April 20, 2015

Kevin McGowan
Contour Engineering, LLC
1955 Vaugh Rd.
Kennesaw GA 30144

TEL: (770) 794-0266
FAX: (770) 794-9483

RE: WRES

Dear Kevin McGowan: Order No: 1504E59

Analytical Environmental Services, Inc. received 10 samples on 4/17/2015 7:40:00 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 07/01/14-06/30/15.
-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/15.

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

3031

3080 Presidential Drive, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1504E59

Date: 4/16/15 Page 1 of 1

COMPANY	ADDRESS
Contour Engineering LLC	1965 Vaughn Rd Suite 101 Kennesaw, GA 30144
PHONE: 770 794-0266	FAX:
SAMPLED BY: Blake Summers	SIGNATURE:

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	VOCs 8260	REMARKS	No # of Containers
1	1-1	4/16/15	15:31	X		S	X		4
2	1-10		15:35	X		S	X		4
3	1-22		15:41	X		S	X		4
4	2-1		15:59	X		S	X		4
5	2-10		16:04	X		S	X		4
6	2-22		16:08	X		S	X		4
7	3-1		16:19	X		S	X		4
8	3-10		16:21	X		S	X		4
9	3-23	↓	16:24	X		S	X		4
10									
11									
12									
13									
14									

PRESERVATION (See codes)

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:	4/17/15 5:40	1:	4/17/15 7:40
2:		2:	
3:		3:	

PROJECT INFORMATION

PROJECT NAME: WRES
PROJECT #: E15FCS02
SITE ADDRESS:
SEND REPORT TO: hmcgowan@contoureng.com
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: 36

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 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-Apr-15

Client: Contour Engineering, LLC
Project: WRES
Lab ID: 1504E59

Case Narrative

Samples were analyzed at same day turn per Kevin McGowan email 4/17

Analytical Environmental Services, Inc **Date:** 20-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	1-1
Project Name:	WRES	**Collection Date:**	4/16/2015 3:31:00 PM
Lab ID:	1504E59-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
1,1,2,2-Tetrachloroethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
1,1,2-Trichloroethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
1,1-Dichloroethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
1,1-Dichloroethene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
1,2,4-Trichlorobenzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
1,2-Dibromo-3-chloropropane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
1,2-Dibromoethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
1,2-Dichlorobenzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
1,2-Dichloroethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
1,2-Dichloropropane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
1,3-Dichlorobenzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
1,4-Dichlorobenzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
2-Butanone	BRL	73		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
2-Hexanone	BRL	15		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
4-Methyl-2-pentanone	BRL	15		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Acetone	BRL	150		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Benzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Bromodichloromethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Bromoform	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Bromomethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Carbon disulfide	BRL	15		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Carbon tetrachloride	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Chlorobenzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Chloroethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Chloroform	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Chloromethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
cis-1,2-Dichloroethene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
cis-1,3-Dichloropropene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Cyclohexane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Dibromochloromethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Dichlorodifluoromethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Ethylbenzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Freon-113	BRL	15		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Isopropylbenzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
m,p-Xylene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Methyl acetate	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Methyl tert-butyl ether	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Methylcyclohexane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Methylene chloride	BRL	29		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
o-Xylene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	1-1
Project Name:	WRES	**Collection Date:**	4/16/2015 3:31:00 PM
Lab ID:	1504E59-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Tetrachloroethene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Toluene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
trans-1,2-Dichloroethene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
trans-1,3-Dichloropropene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Trichloroethene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Trichlorofluoromethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Vinyl chloride	BRL	15		ug/Kg-dry	206128	1	04/17/2015 11:44	MD
Surr: 4-Bromofluorobenzene	94.6	70-128		%REC	206128	1	04/17/2015 11:44	MD
Surr: Dibromofluoromethane	99.5	78.2-128		%REC	206128	1	04/17/2015 11:44	MD
Surr: Toluene-d8	102	76.5-116		%REC	206128	1	04/17/2015 11:44	MD
PERCENT MOISTURE D2216								
Percent Moisture	17.3	0		wt%	R290058	1	04/17/2015 11:00	PF

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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	1-10
Project Name:	WRES	**Collection Date:**	4/16/2015 3:35:00 PM
Lab ID:	1504E59-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
1,1,2,2-Tetrachloroethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
1,1,2-Trichloroethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
1,1-Dichloroethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
1,1-Dichloroethene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
1,2,4-Trichlorobenzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
1,2-Dibromo-3-chloropropane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
1,2-Dibromoethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
1,2-Dichlorobenzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
1,2-Dichloroethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
1,2-Dichloropropane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
1,3-Dichlorobenzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
1,4-Dichlorobenzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
2-Butanone	BRL	76		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
2-Hexanone	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
4-Methyl-2-pentanone	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Acetone	BRL	150		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Benzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Bromodichloromethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Bromoform	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Bromomethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Carbon disulfide	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Carbon tetrachloride	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Chlorobenzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Chloroethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Chloroform	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Chloromethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
cis-1,2-Dichloroethene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
cis-1,3-Dichloropropene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Cyclohexane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Dibromochloromethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Dichlorodifluoromethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Ethylbenzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Freon-113	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Isopropylbenzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
m,p-Xylene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Methyl acetate	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Methyl tert-butyl ether	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Methylcyclohexane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Methylene chloride	BRL	30		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
o-Xylene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	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:** 20-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	1-10
Project Name:	WRES	**Collection Date:**	4/16/2015 3:35:00 PM
Lab ID:	1504E59-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Tetrachloroethene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Toluene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
trans-1,2-Dichloroethene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
trans-1,3-Dichloropropene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Trichloroethene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Trichlorofluoromethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Vinyl chloride	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:08	MD
Surr: 4-Bromofluorobenzene	94.7	70-128		%REC	206128	1	04/17/2015 12:08	MD
Surr: Dibromofluoromethane	101	78.2-128		%REC	206128	1	04/17/2015 12:08	MD
Surr: Toluene-d8	103	76.5-116		%REC	206128	1	04/17/2015 12:08	MD
PERCENT MOISTURE D2216								
Percent Moisture	8.93	0		wt%	R290058	1	04/17/2015 11:00	PF

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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	1-22
Project Name:	WRES	**Collection Date:**	4/16/2015 3:41:00 PM
Lab ID:	1504E59-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
1,1,2,2-Tetrachloroethane	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
1,1,2-Trichloroethane	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
1,1-Dichloroethane	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
1,1-Dichloroethene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
1,2,4-Trichlorobenzene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
1,2-Dibromo-3-chloropropane	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
1,2-Dibromoethane	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
1,2-Dichlorobenzene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
1,2-Dichloroethane	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
1,2-Dichloropropane	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
1,3-Dichlorobenzene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
1,4-Dichlorobenzene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
2-Butanone	BRL	67		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
2-Hexanone	BRL	13		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
4-Methyl-2-pentanone	BRL	13		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Acetone	BRL	130		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Benzene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Bromodichloromethane	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Bromoform	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Bromomethane	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Carbon disulfide	BRL	13		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Carbon tetrachloride	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Chlorobenzene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Chloroethane	BRL	13		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Chloroform	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Chloromethane	BRL	13		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
cis-1,2-Dichloroethene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
cis-1,3-Dichloropropene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Cyclohexane	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Dibromochloromethane	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Dichlorodifluoromethane	BRL	13		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Ethylbenzene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Freon-113	BRL	13		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Isopropylbenzene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
m,p-Xylene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Methyl acetate	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Methyl tert-butyl ether	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Methylcyclohexane	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Methylene chloride	BRL	27		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
o-Xylene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	1-22
Project Name:	WRES	**Collection Date:**	4/16/2015 3:41:00 PM
Lab ID:	1504E59-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Tetrachloroethene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Toluene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
trans-1,2-Dichloroethene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
trans-1,3-Dichloropropene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Trichloroethene	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Trichlorofluoromethane	BRL	6.7		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Vinyl chloride	BRL	13		ug/Kg-dry	206128	1	04/17/2015 12:32	MD
Surr: 4-Bromofluorobenzene	88.9	70-128		%REC	206128	1	04/17/2015 12:32	MD
Surr: Dibromofluoromethane	101	78.2-128		%REC	206128	1	04/17/2015 12:32	MD
Surr: Toluene-d8	102	76.5-116		%REC	206128	1	04/17/2015 12:32	MD
PERCENT MOISTURE D2216								
Percent Moisture	11.2	0		wt%	R290058	1	04/17/2015 11:00	PF

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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	2-1
Project Name:	WRES	**Collection Date:**	4/16/2015 3:59:00 PM
Lab ID:	1504E59-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
1,1,2,2-Tetrachloroethane	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
1,1,2-Trichloroethane	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
1,1-Dichloroethane	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
1,1-Dichloroethene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
1,2,4-Trichlorobenzene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
1,2-Dibromo-3-chloropropane	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
1,2-Dibromoethane	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
1,2-Dichlorobenzene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
1,2-Dichloroethane	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
1,2-Dichloropropane	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
1,3-Dichlorobenzene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
1,4-Dichlorobenzene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
2-Butanone	BRL	77		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
2-Hexanone	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
4-Methyl-2-pentanone	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Acetone	BRL	150		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Benzene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Bromodichloromethane	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Bromoform	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Bromomethane	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Carbon disulfide	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Carbon tetrachloride	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Chlorobenzene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Chloroethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Chloroform	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Chloromethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
cis-1,2-Dichloroethene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
cis-1,3-Dichloropropene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Cyclohexane	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Dibromochloromethane	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Dichlorodifluoromethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Ethylbenzene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Freon-113	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Isopropylbenzene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
m,p-Xylene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Methyl acetate	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Methyl tert-butyl ether	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Methylcyclohexane	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Methylene chloride	BRL	31		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
o-Xylene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	2-1
Project Name:	WRES	**Collection Date:**	4/16/2015 3:59:00 PM
Lab ID:	1504E59-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Tetrachloroethene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Toluene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
trans-1,2-Dichloroethene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
trans-1,3-Dichloropropene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Trichloroethene	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Trichlorofluoromethane	BRL	7.7		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Vinyl chloride	BRL	15		ug/Kg-dry	206128	1	04/17/2015 12:56	MD
Surr: 4-Bromofluorobenzene	95.2	70-128		%REC	206128	1	04/17/2015 12:56	MD
Surr: Dibromofluoromethane	104	78.2-128		%REC	206128	1	04/17/2015 12:56	MD
Surr: Toluene-d8	102	76.5-116		%REC	206128	1	04/17/2015 12:56	MD
PERCENT MOISTURE D2216								
Percent Moisture	17.4	0		wt%	R290058	1	04/17/2015 11:00	PF

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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	2-10
Project Name:	WRES	**Collection Date:**	4/16/2015 4:04:00 PM
Lab ID:	1504E59-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
1,1,2,2-Tetrachloroethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
1,1,2-Trichloroethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
1,1-Dichloroethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
1,1-Dichloroethene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
1,2,4-Trichlorobenzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
1,2-Dibromo-3-chloropropane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
1,2-Dibromoethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
1,2-Dichlorobenzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
1,2-Dichloroethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
1,2-Dichloropropane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
1,3-Dichlorobenzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
1,4-Dichlorobenzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
2-Butanone	BRL	76		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
2-Hexanone	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
4-Methyl-2-pentanone	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Acetone	BRL	150		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Benzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Bromodichloromethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Bromoform	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Bromomethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Carbon disulfide	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Carbon tetrachloride	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Chlorobenzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Chloroethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Chloroform	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Chloromethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
cis-1,2-Dichloroethene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
cis-1,3-Dichloropropene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Cyclohexane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Dibromochloromethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Dichlorodifluoromethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Ethylbenzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Freon-113	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Isopropylbenzene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
m,p-Xylene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Methyl acetate	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Methyl tert-butyl ether	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Methylcyclohexane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Methylene chloride	BRL	30		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
o-Xylene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	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:** 20-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	2-10
Project Name:	WRES	**Collection Date:**	4/16/2015 4:04:00 PM
Lab ID:	1504E59-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Tetrachloroethene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Toluene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
trans-1,2-Dichloroethene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
trans-1,3-Dichloropropene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Trichloroethene	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Trichlorofluoromethane	BRL	7.6		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Vinyl chloride	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:20	MD
Surr: 4-Bromofluorobenzene	97.5	70-128		%REC	206128	1	04/17/2015 13:20	MD
Surr: Dibromofluoromethane	105	78.2-128		%REC	206128	1	04/17/2015 13:20	MD
Surr: Toluene-d8	104	76.5-116		%REC	206128	1	04/17/2015 13:20	MD
PERCENT MOISTURE D2216								
Percent Moisture	12.1	0		wt%	R290058	1	04/17/2015 11:00	PF

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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	2-22
Project Name:	WRES	**Collection Date:**	4/16/2015 4:08:00 PM
Lab ID:	1504E59-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
1,1,2,2-Tetrachloroethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
1,1,2-Trichloroethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
1,1-Dichloroethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
1,1-Dichloroethene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
1,2,4-Trichlorobenzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
1,2-Dibromo-3-chloropropane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
1,2-Dibromoethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
1,2-Dichlorobenzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
1,2-Dichloroethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
1,2-Dichloropropane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
1,3-Dichlorobenzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
1,4-Dichlorobenzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
2-Butanone	BRL	73		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
2-Hexanone	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
4-Methyl-2-pentanone	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Acetone	BRL	150		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Benzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Bromodichloromethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Bromoform	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Bromomethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Carbon disulfide	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Carbon tetrachloride	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Chlorobenzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Chloroethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Chloroform	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Chloromethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
cis-1,2-Dichloroethene	11	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
cis-1,3-Dichloropropene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Cyclohexane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Dibromochloromethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Dichlorodifluoromethane	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Ethylbenzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Freon-113	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Isopropylbenzene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
m,p-Xylene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Methyl acetate	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Methyl tert-butyl ether	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Methylcyclohexane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Methylene chloride	BRL	29		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
o-Xylene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	2-22
Project Name:	WRES	**Collection Date:**	4/16/2015 4:08:00 PM
Lab ID:	1504E59-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Tetrachloroethene	8.3	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Toluene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
trans-1,2-Dichloroethene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
trans-1,3-Dichloropropene	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Trichloroethene	11	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Trichlorofluoromethane	BRL	7.3		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Vinyl chloride	BRL	15		ug/Kg-dry	206128	1	04/17/2015 13:44	MD
Surr: 4-Bromofluorobenzene	92.3	70-128		%REC	206128	1	04/17/2015 13:44	MD
Surr: Dibromofluoromethane	107	78.2-128		%REC	206128	1	04/17/2015 13:44	MD
Surr: Toluene-d8	99.8	76.5-116		%REC	206128	1	04/17/2015 13:44	MD
PERCENT MOISTURE D2216								
Percent Moisture	18.9	0		wt%	R290058	1	04/17/2015 11:00	PF

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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	3-1
Project Name:	WRES	**Collection Date:**	4/16/2015 4:19:00 PM
Lab ID:	1504E59-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
1,1,2,2-Tetrachloroethane	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
1,1,2-Trichloroethane	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
1,1-Dichloroethane	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
1,1-Dichloroethene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
1,2,4-Trichlorobenzene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
1,2-Dibromo-3-chloropropane	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
1,2-Dibromoethane	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
1,2-Dichlorobenzene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
1,2-Dichloroethane	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
1,2-Dichloropropane	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
1,3-Dichlorobenzene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
1,4-Dichlorobenzene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
2-Butanone	BRL	83		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
2-Hexanone	BRL	17		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
4-Methyl-2-pentanone	BRL	17		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Acetone	BRL	170		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Benzene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Bromodichloromethane	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Bromoform	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Bromomethane	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Carbon disulfide	BRL	17		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Carbon tetrachloride	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Chlorobenzene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Chloroethane	BRL	17		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Chloroform	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Chloromethane	BRL	17		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
cis-1,2-Dichloroethene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
cis-1,3-Dichloropropene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Cyclohexane	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Dibromochloromethane	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Dichlorodifluoromethane	BRL	17		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Ethylbenzene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Freon-113	BRL	17		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Isopropylbenzene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
m,p-Xylene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Methyl acetate	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Methyl tert-butyl ether	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Methylcyclohexane	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Methylene chloride	BRL	33		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
o-Xylene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	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:** 20-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	3-1
Project Name:	WRES	**Collection Date:**	4/16/2015 4:19:00 PM
Lab ID:	1504E59-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Tetrachloroethene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Toluene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
trans-1,2-Dichloroethene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
trans-1,3-Dichloropropene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Trichloroethene	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Trichlorofluoromethane	BRL	8.3		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Vinyl chloride	BRL	17		ug/Kg-dry	206128	1	04/17/2015 14:08	MD
Surr: 4-Bromofluorobenzene	95.7	70-128		%REC	206128	1	04/17/2015 14:08	MD
Surr: Dibromofluoromethane	105	78.2-128		%REC	206128	1	04/17/2015 14:08	MD
Surr: Toluene-d8	103	76.5-116		%REC	206128	1	04/17/2015 14:08	MD
PERCENT MOISTURE D2216								
Percent Moisture	18.8	0		wt%	R290058	1	04/17/2015 11:00	PF

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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	3-10
Project Name:	WRES	**Collection Date:**	4/16/2015 4:21:00 PM
Lab ID:	1504E59-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
1,1,2,2-Tetrachloroethane	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
1,1,2-Trichloroethane	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
1,1-Dichloroethane	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
1,1-Dichloroethene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
1,2,4-Trichlorobenzene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
1,2-Dibromo-3-chloropropane	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
1,2-Dibromoethane	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
1,2-Dichlorobenzene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
1,2-Dichloroethane	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
1,2-Dichloropropane	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
1,3-Dichlorobenzene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
1,4-Dichlorobenzene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
2-Butanone	BRL	88		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
2-Hexanone	BRL	18		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
4-Methyl-2-pentanone	BRL	18		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Acetone	BRL	180		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Benzene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Bromodichloromethane	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Bromoform	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Bromomethane	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Carbon disulfide	BRL	18		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Carbon tetrachloride	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Chlorobenzene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Chloroethane	BRL	18		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Chloroform	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Chloromethane	BRL	18		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
cis-1,2-Dichloroethene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
cis-1,3-Dichloropropene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Cyclohexane	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Dibromochloromethane	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Dichlorodifluoromethane	BRL	18		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Ethylbenzene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Freon-113	BRL	18		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Isopropylbenzene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
m,p-Xylene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Methyl acetate	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Methyl tert-butyl ether	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Methylcyclohexane	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Methylene chloride	BRL	35		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
o-Xylene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	3-10
Project Name:	WRES	**Collection Date:**	4/16/2015 4:21:00 PM
Lab ID:	1504E59-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Tetrachloroethene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Toluene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
trans-1,2-Dichloroethene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
trans-1,3-Dichloropropene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Trichloroethene	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Trichlorofluoromethane	BRL	8.8		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Vinyl chloride	BRL	18		ug/Kg-dry	206128	1	04/17/2015 14:32	MD
Surr: 4-Bromofluorobenzene	96	70-128		%REC	206128	1	04/17/2015 14:32	MD
Surr: Dibromofluoromethane	105	78.2-128		%REC	206128	1	04/17/2015 14:32	MD
Surr: Toluene-d8	104	76.5-116		%REC	206128	1	04/17/2015 14:32	MD
PERCENT MOISTURE D2216								
Percent Moisture	8.99	0		wt%	R290058	1	04/17/2015 11:00	PF

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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	3-23
Project Name:	WRES	**Collection Date:**	4/16/2015 4:24:00 PM
Lab ID:	1504E59-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
1,1,2,2-Tetrachloroethane	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
1,1,2-Trichloroethane	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
1,1-Dichloroethane	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
1,1-Dichloroethene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
1,2,4-Trichlorobenzene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
1,2-Dibromo-3-chloropropane	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
1,2-Dibromoethane	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
1,2-Dichlorobenzene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
1,2-Dichloroethane	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
1,2-Dichloropropane	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
1,3-Dichlorobenzene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
1,4-Dichlorobenzene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
2-Butanone	BRL	72		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
2-Hexanone	BRL	14		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
4-Methyl-2-pentanone	BRL	14		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Acetone	BRL	140		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Benzene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Bromodichloromethane	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Bromoform	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Bromomethane	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Carbon disulfide	BRL	14		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Carbon tetrachloride	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Chlorobenzene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Chloroethane	BRL	14		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Chloroform	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Chloromethane	BRL	14		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
cis-1,2-Dichloroethene	7.7	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
cis-1,3-Dichloropropene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Cyclohexane	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Dibromochloromethane	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Dichlorodifluoromethane	BRL	14		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Ethylbenzene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Freon-113	BRL	14		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Isopropylbenzene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
m,p-Xylene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Methyl acetate	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Methyl tert-butyl ether	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Methylcyclohexane	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Methylene chloride	BRL	29		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
o-Xylene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	3-23
Project Name:	WRES	**Collection Date:**	4/16/2015 4:24:00 PM
Lab ID:	1504E59-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
Styrene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Tetrachloroethene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Toluene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
trans-1,2-Dichloroethene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
trans-1,3-Dichloropropene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Trichloroethene	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Trichlorofluoromethane	BRL	7.2		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Vinyl chloride	BRL	14		ug/Kg-dry	206128	1	04/17/2015 14:56	MD
Surr: 4-Bromofluorobenzene	88.8	70-128		%REC	206128	1	04/17/2015 14:56	MD
Surr: Dibromofluoromethane	109	78.2-128		%REC	206128	1	04/17/2015 14:56	MD
Surr: Toluene-d8	102	76.5-116		%REC	206128	1	04/17/2015 14:56	MD
PERCENT MOISTURE D2216								
Percent Moisture	22.5	0		wt%	R290058	1	04/17/2015 11:00	PF

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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	TRIPBLANK
Project Name:	WRES	**Collection Date:**	4/17/2015
Lab ID:	1504E59-010	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
1,1,1-Trichloroethane	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
1,1,2-Trichloroethane	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
1,1-Dichloroethane	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
1,1-Dichloroethene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
1,2-Dibromoethane	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
1,2-Dichlorobenzene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
1,2-Dichloroethane	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
1,2-Dichloropropane	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
1,3-Dichlorobenzene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
1,4-Dichlorobenzene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
2-Butanone	BRL	50		ug/L	206126	1	04/17/2015 13:25	TH
2-Hexanone	BRL	10		ug/L	206126	1	04/17/2015 13:25	TH
4-Methyl-2-pentanone	BRL	10		ug/L	206126	1	04/17/2015 13:25	TH
Acetone	BRL	50		ug/L	206126	1	04/17/2015 13:25	TH
Benzene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Bromodichloromethane	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Bromoform	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Bromomethane	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Carbon disulfide	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Carbon tetrachloride	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Chlorobenzene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Chloroethane	BRL	10		ug/L	206126	1	04/17/2015 13:25	TH
Chloroform	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Chloromethane	BRL	10		ug/L	206126	1	04/17/2015 13:25	TH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Cyclohexane	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Dibromochloromethane	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Dichlorodifluoromethane	BRL	10		ug/L	206126	1	04/17/2015 13:25	TH
Ethylbenzene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Freon-113	BRL	10		ug/L	206126	1	04/17/2015 13:25	TH
Isopropylbenzene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
m,p-Xylene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Methyl acetate	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Methyl tert-butyl ether	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Methylcyclohexane	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Methylene chloride	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
o-Xylene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH

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-Apr-15

Client:	Contour Engineering, LLC	**Client Sample ID:**	TRIPBLANK
Project Name:	WRES	**Collection Date:**	4/17/2015
Lab ID:	1504E59-010	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Tetrachloroethene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Toluene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Trichloroethene	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Trichlorofluoromethane	BRL	5.0		ug/L	206126	1	04/17/2015 13:25	TH
Vinyl chloride	BRL	2.0		ug/L	206126	1	04/17/2015 13:25	TH
Surr: 4-Bromofluorobenzene	88	70.6-123		%REC	206126	1	04/17/2015 13:25	TH
Surr: Dibromofluoromethane	123	78.7-124		%REC	206126	1	04/17/2015 13:25	TH
Surr: Toluene-d8	99.8	81.3-120		%REC	206126	1	04/17/2015 13:25	TH

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.

Sample/Cooler Receipt Checklist

Client Contour Eng. Work Order Number 1504E59

Checklist completed by _____ 4/17/15
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? (0°≤6°C)* Yes ✓ No __

Cooler #1 3.4°C 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.

\\Aes_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Contour Engineering, LLC
Project Name: WRES
Workorder: 1504E59

ANALYTICAL QC SUMMARY REPORT

BatchID: 206126

Sample ID: **MB-206126** Client ID: Units: **ug/L** Prep Date: **04/17/2015** Run No: **290031**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206126** Analysis Date: **04/17/2015** Seq No: **6166802**

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									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

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: Contour Engineering, LLC
Project Name: WRES
Workorder: 1504E59

ANALYTICAL QC SUMMARY REPORT

BatchID: 206126

Sample ID: **MB-206126** Client ID: Units: **ug/L** Prep Date: **04/17/2015** Run No: **290031**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206126** Analysis Date: **04/17/2015** Seq No: **6166802**

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	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									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
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	2.0									
Surr: 4-Bromofluorobenzene	45.77	0	50.00		91.5	70.6	123				
Surr: Dibromofluoromethane	50.66	0	50.00		101	78.7	124				
Surr: Toluene-d8	49.29	0	50.00		98.6	81.3	120				

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: Contour Engineering, LLC
Project Name: WRES
Workorder: 1504E59

ANALYTICAL QC SUMMARY REPORT

BatchID: 206126

Sample ID: **LCS-206126** Client ID: Units: **ug/L** Prep Date: **04/17/2015** Run No: **290031**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206126** Analysis Date: **04/17/2015** Seq No: **6166801**

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	5.0	50.00		108	64.2	137				
Benzene	49.79	5.0	50.00		99.6	72.8	128				
Chlorobenzene	48.76	5.0	50.00		97.5	72.3	126				
Toluene	49.07	5.0	50.00		98.1	74.9	127				
Trichloroethene	49.94	5.0	50.00		99.9	70.5	134				
Surr: 4-Bromofluorobenzene	47.08	0	50.00		94.2	70.6	123				
Surr: Dibromofluoromethane	51.37	0	50.00		103	78.7	124				
Surr: Toluene-d8	49.45	0	50.00		98.9	81.3	120				

Sample ID: **1504D06-005AMS** Client ID: Units: **ug/L** Prep Date: **04/17/2015** Run No: **290031**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206126** Analysis Date: **04/17/2015** Seq No: **6166804**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	545600	50000	500000		109	60.5	156				
Benzene	495400	50000	500000		99.1	70	135				
Chlorobenzene	479100	50000	500000		95.8	70.5	132				
Toluene	495000	50000	500000		99.0	70.5	137				
Trichloroethene	496900	50000	500000		99.4	71.8	139				
Surr: 4-Bromofluorobenzene	461500	0	500000		92.3	70.6	123				
Surr: Dibromofluoromethane	506500	0	500000		101	78.7	124				
Surr: Toluene-d8	489300	0	500000		97.9	81.3	120				

Sample ID: **1504D06-005AMSD** Client ID: Units: **ug/L** Prep Date: **04/17/2015** Run No: **290031**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206126** Analysis Date: **04/17/2015** Seq No: **6166805**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	499400	50000	500000		99.9	60.5	156	545600	8.84	20	
Benzene	456500	50000	500000		91.3	70	135	495400	8.17	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: Contour Engineering, LLC
Project Name: WRES
Workorder: 1504E59

ANALYTICAL QC SUMMARY REPORT

BatchID: 206126

Sample ID: **1504D06-005AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** Prep Date: **04/17/2015** Run No: **290031**
BatchID: **206126** Analysis Date: **04/17/2015** Seq No: **6166805**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	442300	50000	500000		88.5	70.5	132	479100	7.99	20	
Toluene	455100	50000	500000		91.0	70.5	137	495000	8.40	20	
Trichloroethene	448700	50000	500000		89.7	71.8	139	496900	10.2	20	
Surr: 4-Bromofluorobenzene	460900	0	500000		92.2	70.6	123	461500	0	0	
Surr: Dibromofluoromethane	513300	0	500000		103	78.7	124	506500	0	0	
Surr: Toluene-d8	493000	0	500000		98.6	81.3	120	489300	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: Contour Engineering, LLC
Project Name: WRES
Workorder: 1504E59

ANALYTICAL QC SUMMARY REPORT

BatchID: 206128

Sample ID: **MB-206128** Client ID: Units: **ug/Kg** Prep Date: **04/17/2015** Run No: **290045**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206128** Analysis Date: **04/17/2015** Seq No: **6167040**

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									
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:

>	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: Contour Engineering, LLC
Project Name: WRES
Workorder: 1504E59

ANALYTICAL QC SUMMARY REPORT

BatchID: 206128

Sample ID: **MB-206128** Client ID: Units: **ug/Kg** Prep Date: **04/17/2015** Run No: **290045**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206128** Analysis Date: **04/17/2015** Seq No: **6167040**

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	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									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
o-Xylene	BRL	5.0									
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									
Surr: 4-Bromofluorobenzene	48.33	0	50.00		96.7	70	128				
Surr: Dibromofluoromethane	51.15	0	50.00		102	78.2	128				
Surr: Toluene-d8	50.63	0	50.00		101	76.5	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: Contour Engineering, LLC
Project Name: WRES
Workorder: 1504E59

ANALYTICAL QC SUMMARY REPORT

BatchID: 206128

Sample ID: **LCS-206128** Client ID: Units: **ug/Kg** Prep Date: **04/17/2015** Run No: **290045**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206128** Analysis Date: **04/17/2015** Seq No: **6167039**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	53.74	5.0	50.00		107	69.9	145				
Benzene	52.64	5.0	50.00		105	72.3	130				
Chlorobenzene	51.42	5.0	50.00		103	69	130				
Toluene	50.84	5.0	50.00		102	71.1	130				
Trichloroethene	52.36	5.0	50.00		105	71.7	136				
Surr: 4-Bromofluorobenzene	47.79	0	50.00		95.6	70	128				
Surr: Dibromofluoromethane	50.68	0	50.00		101	78.2	128				
Surr: Toluene-d8	50.03	0	50.00		100	76.5	116				

Sample ID: **1504E59-001AMS** Client ID: **1-1** Units: **ug/Kg-dry** Prep Date: **04/17/2015** Run No: **290045**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206128** Analysis Date: **04/17/2015** Seq No: **6168150**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	65.51	6.0	60.46		108	56.6	151				
Benzene	64.83	6.0	60.46		107	70.4	130				
Chlorobenzene	61.55	6.0	60.46		102	67.5	132				
Toluene	63.54	6.0	60.46		105	70.4	130				
Trichloroethene	62.76	6.0	60.46		104	70.1	137				
Surr: 4-Bromofluorobenzene	58.42	0	60.46		96.6	70	128				
Surr: Dibromofluoromethane	63.56	0	60.46		105	78.2	128				
Surr: Toluene-d8	61.51	0	60.46		102	76.5	116				

Sample ID: **1504E59-001AMSD** Client ID: **1-1** Units: **ug/Kg-dry** Prep Date: **04/17/2015** Run No: **290045**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206128** Analysis Date: **04/17/2015** Seq No: **6168151**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	63.95	6.0	60.46		106	56.6	151	65.51	2.41	20.4	
Benzene	62.35	6.0	60.46		103	70.4	130	64.83	3.90	16.9	

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: Contour Engineering, LLC
Project Name: WRES
Workorder: 1504E59

ANALYTICAL QC SUMMARY REPORT

BatchID: 206128

Sample ID: **1504E59-001AMSD** Client ID: **1-1** Units: **ug/Kg-dry** Prep Date: **04/17/2015** Run No: **290045**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **206128** Analysis Date: **04/17/2015** Seq No: **6168151**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	61.61	6.0	60.46		102	67.5	132	61.55	0.098	14.6	
Toluene	59.49	6.0	60.46		98.4	70.4	130	63.54	6.58	16.6	
Trichloroethene	59.37	6.0	60.46		98.2	70.1	137	62.76	5.54	17	
Surr: 4-Bromofluorobenzene	57.40	0	60.46		94.9	70	128	58.42	0	0	
Surr: Dibromofluoromethane	61.96	0	60.46		102	78.2	128	63.56	0	0	
Surr: Toluene-d8	61.00	0	60.46		101	76.5	116	61.51	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		

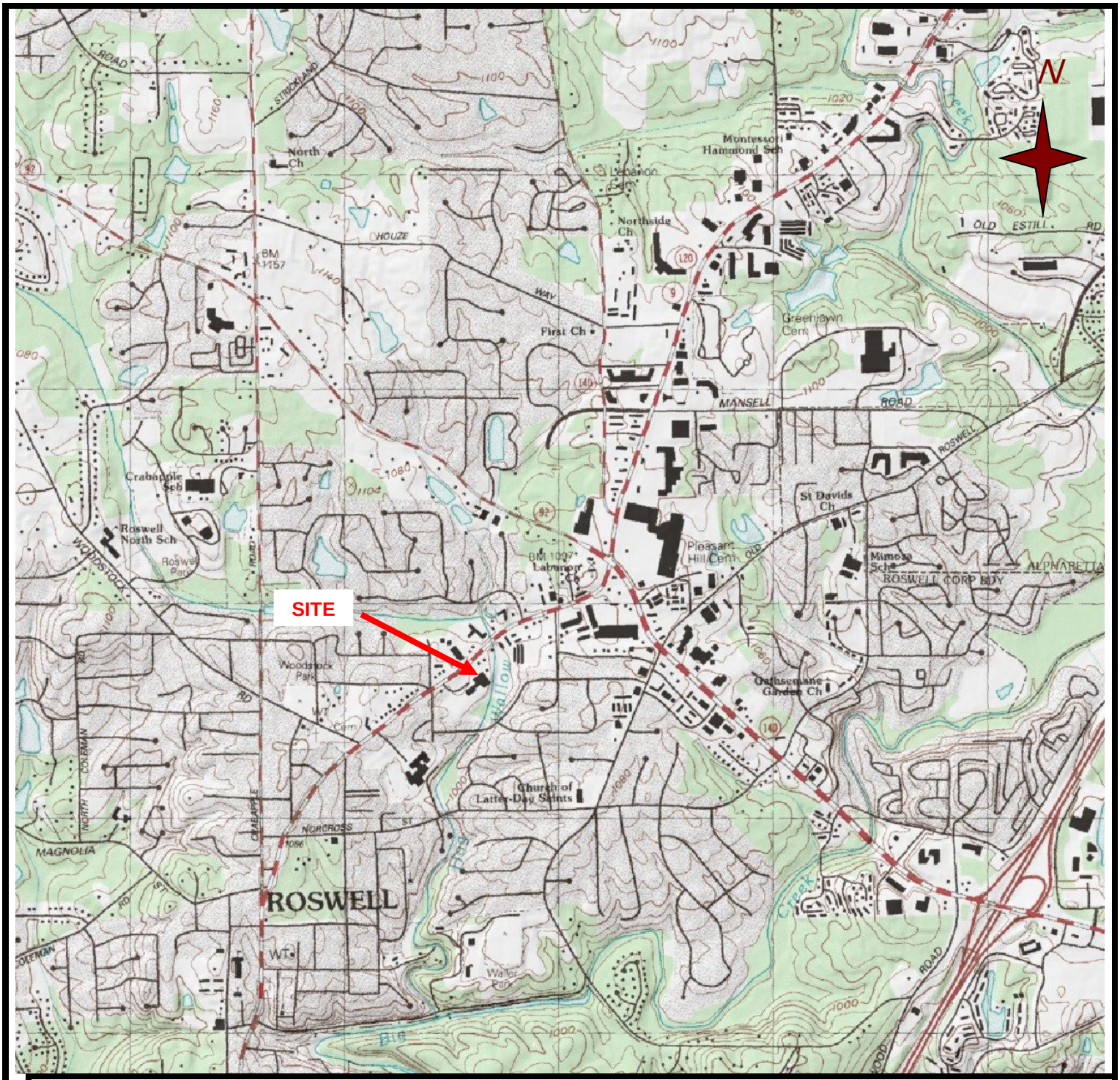


FIGURE 1: SITE LOCATION MAP

CONTOUR ENGINEERING, LLC	**LEGEND** Source: MyTopo.com	**PROJECT** Former Imperial Cleaners 1233B Alpharetta Street Roswell, Fulton County, Georgia Contour Project: E15FCS:02

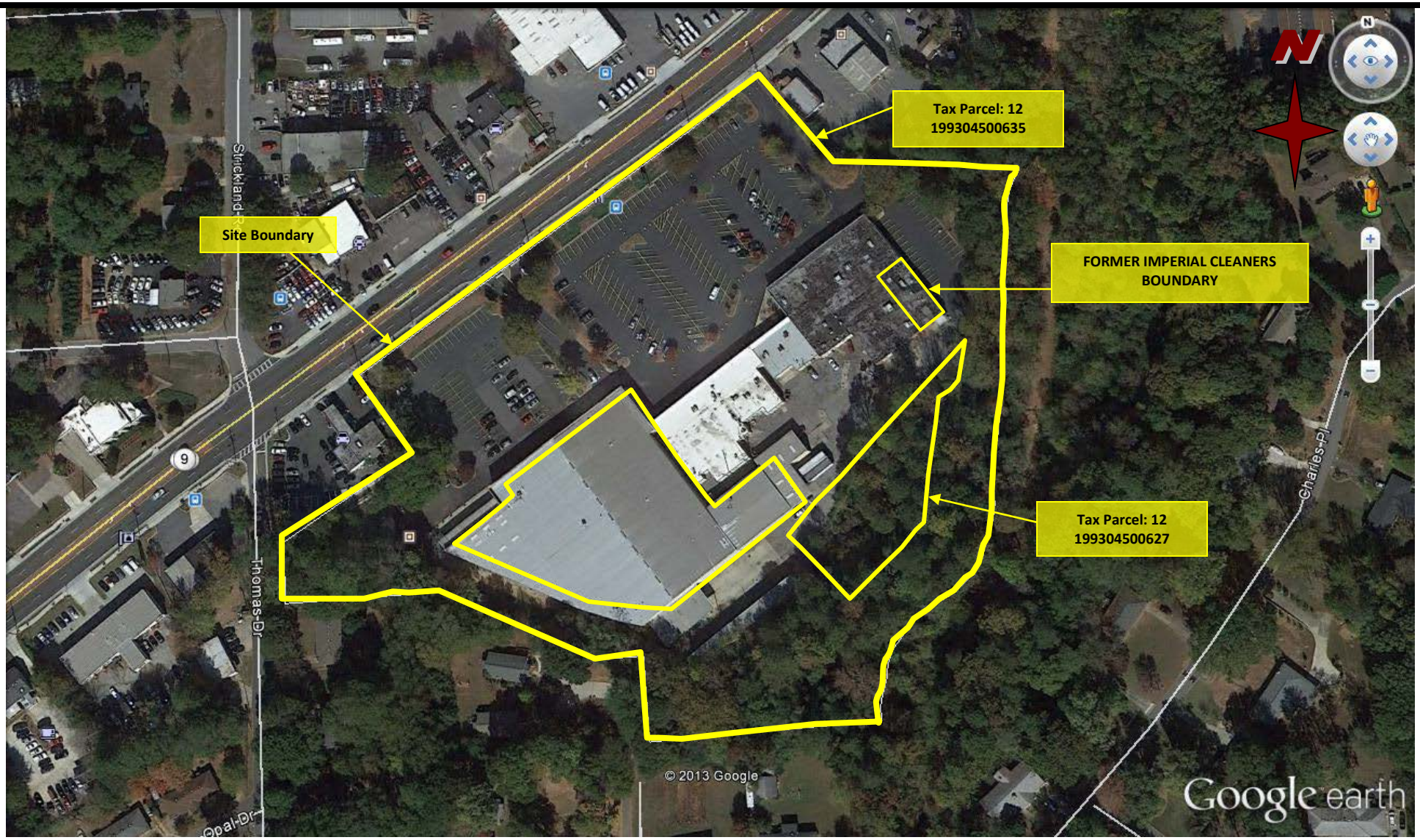


Figure 2: Site Map with Property Boundaries

CONTOUR ENGINEERING, LLC

LEGEND

Source: Google Earth

PROJECT

Former Imperial Cleaners
1233B Alpharetta Street
Roswell, Fulton County, Georgia
Contour Project: E15FCS:02

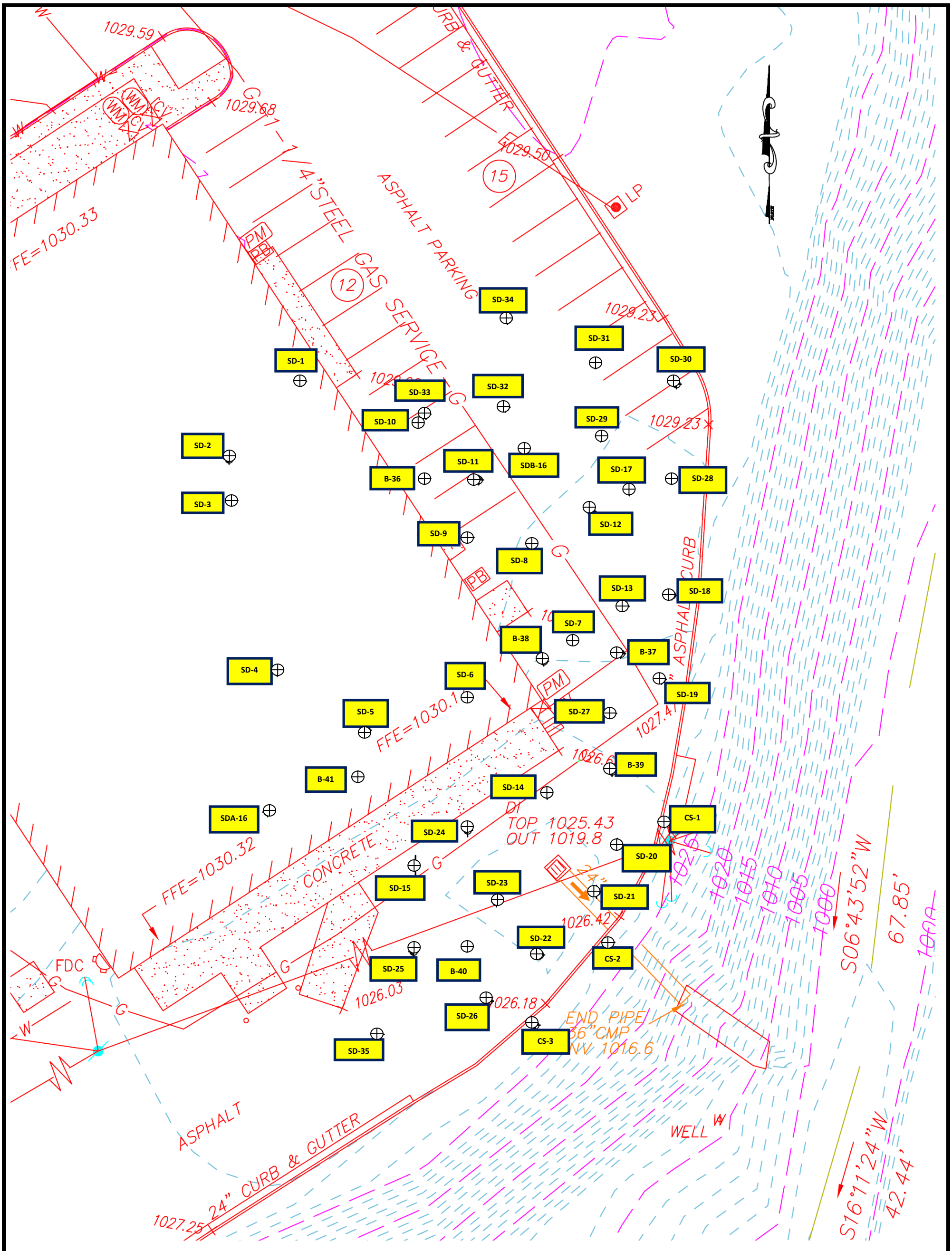


Figure 3: Soil Delineation Sample Location Map

CONTOUR ENGINEERING, LLC

LEGEND

⊕ Soil Sample Location

1" = 20'

0 10 20

PROJECT

Former Imperial Cleaners
1233B Alpharetta Street
Roswell, Fulton County, Georgia
Contour Project: E15FCS:02

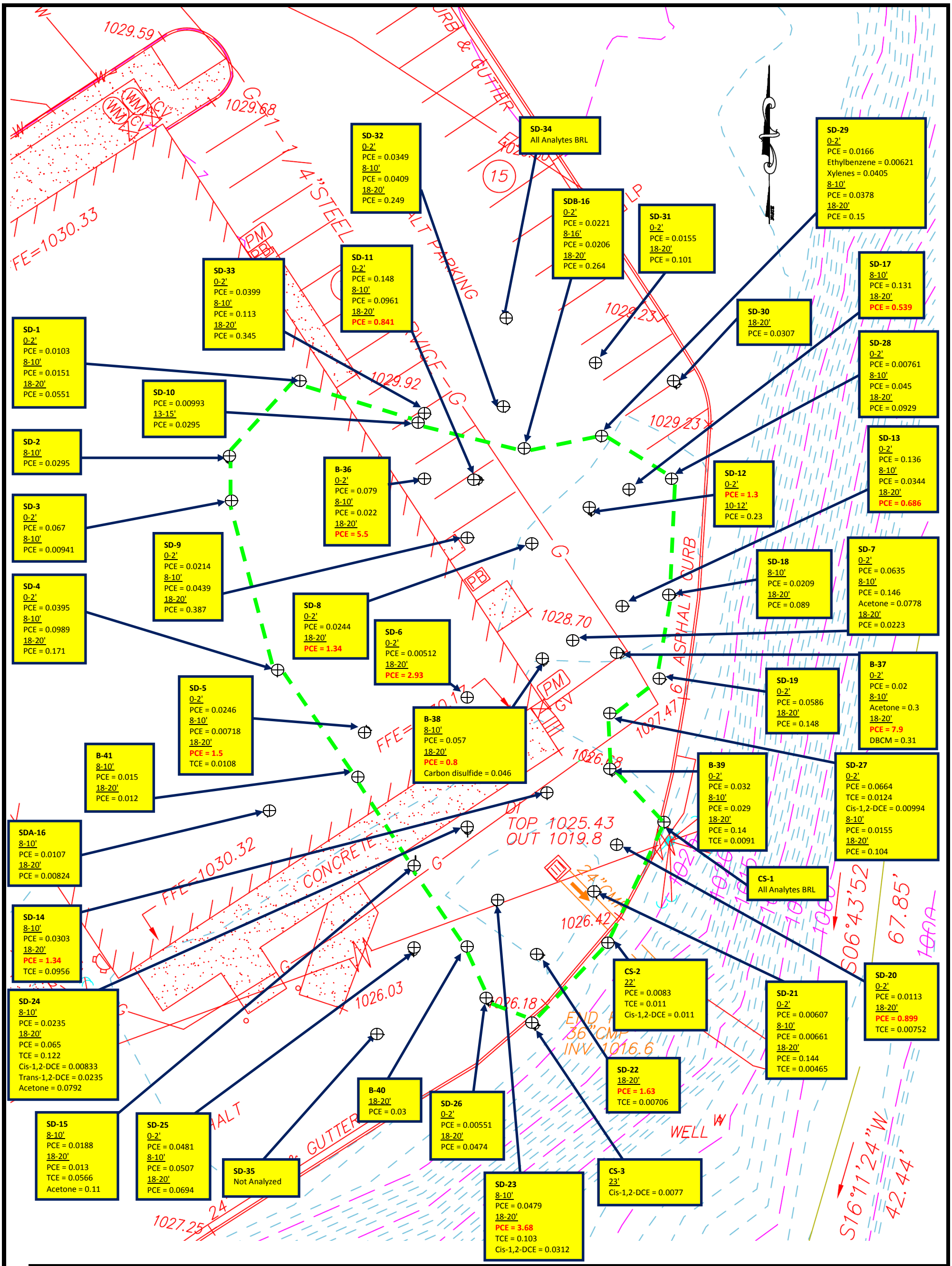


Figure 4: VOCs Detected in Soil Delineation Samples

CONTOUR ENGINEERING, LLC

LEGEND

⊕ Soil Sample Location

Extent of VOCs in soil exceeding Type 1 RRS.

All results reported in mg/kg.

PCE = tetrachloroethene

TCE = trichloroethene

DCE = dichloroethene

DBCM = dibromochloromethane

1" = 20'

0 10 20

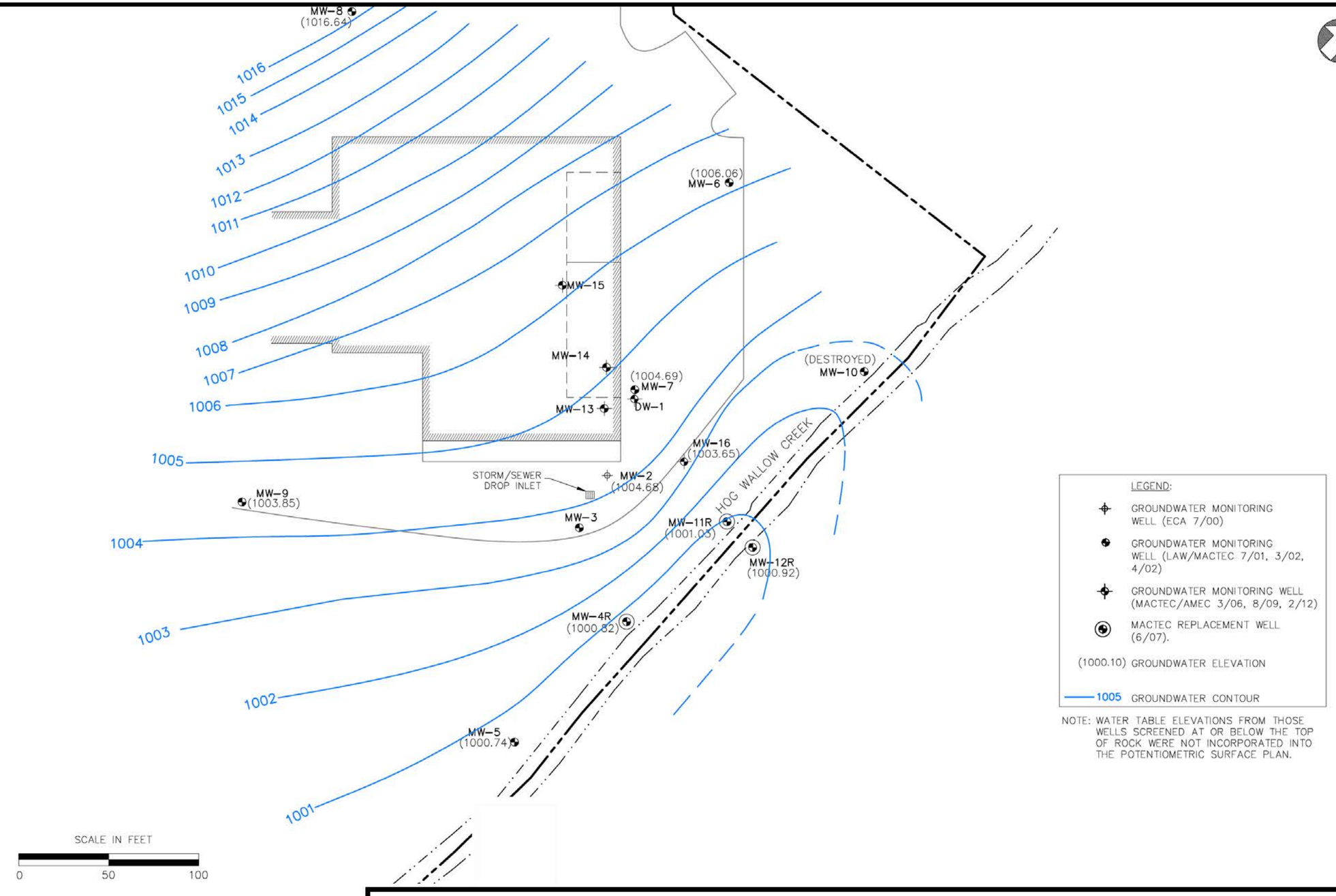
PROJECT

Former Imperial Cleaners

1233B Alpharetta Street

Roswell, Fulton County, Georgia

Contour Project: E15FCS:02



NOTE: WATER TABLE ELEVATIONS FROM THOSE WELLS SCREENED AT OR BELOW THE TOP OF ROCK WERE NOT INCORPORATED INTO THE POTENTIOMETRIC SURFACE PLAN.

FIGURE 5: POTENTIOMETRIC SURFACE MAP

CONTOUR ENGINEERING, LLC

****NOTE****
Base map and data presentation prepared by AMEC and presented in the Final Compliance Status Report dated November 12, 2015.

PROJECT
Former Imperial Cleaners
1233B Alpharetta Street
Roswell, Fulton County, Georgia
Contour Project: E15FCS:02

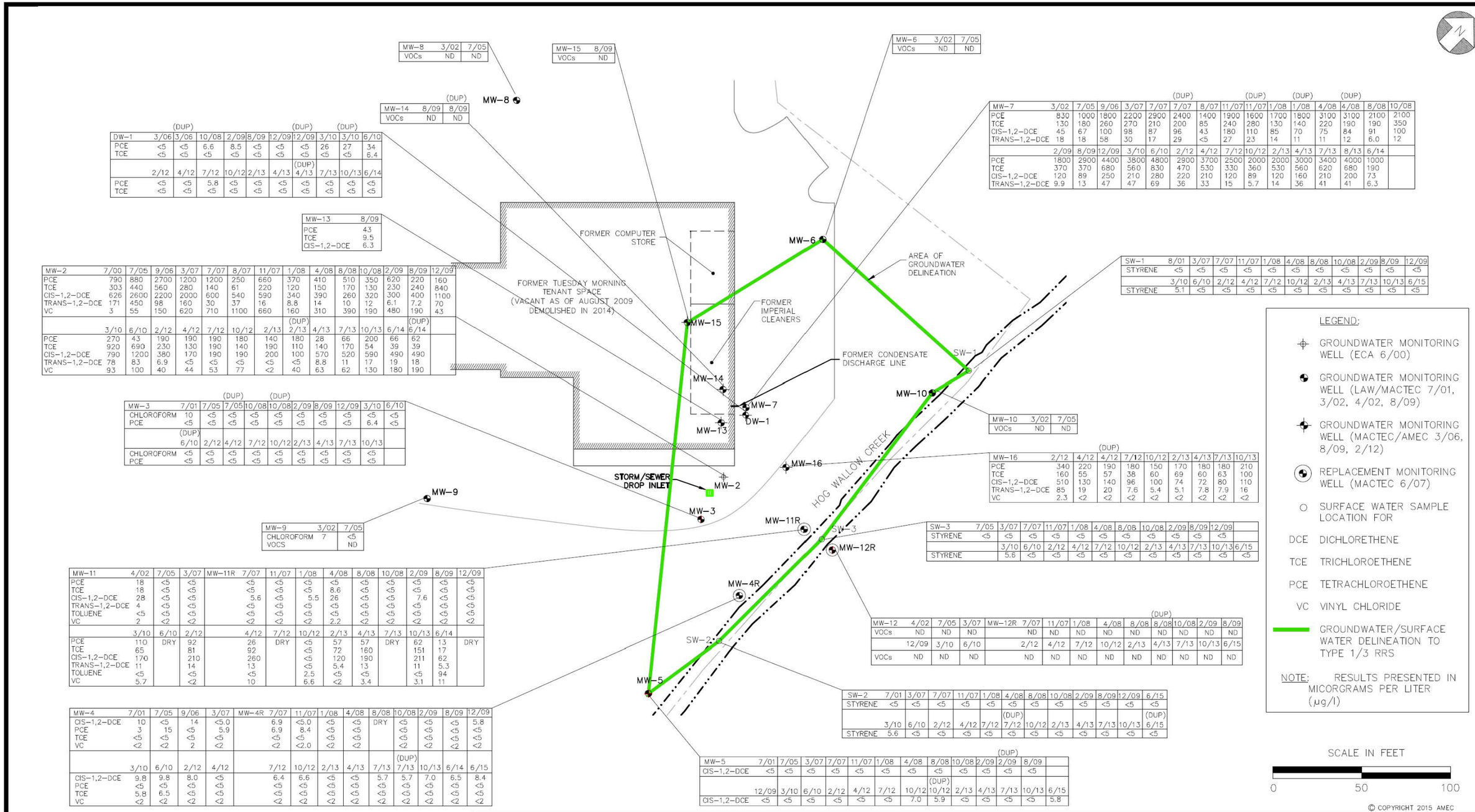


FIGURE 6: GROUNDWATER QUALITY MAP

CONTOUR ENGINEERING, LLC

****NOTE****

Base map and data presentation prepared by AMEC and presented in the Final Compliance Status Report dated November 12, 2015.

PROJECT

Former Imperial Cleaners
1233B Alpharetta Street
Roswell, Fulton County, Georgia
Contour Project: E15FCS:02

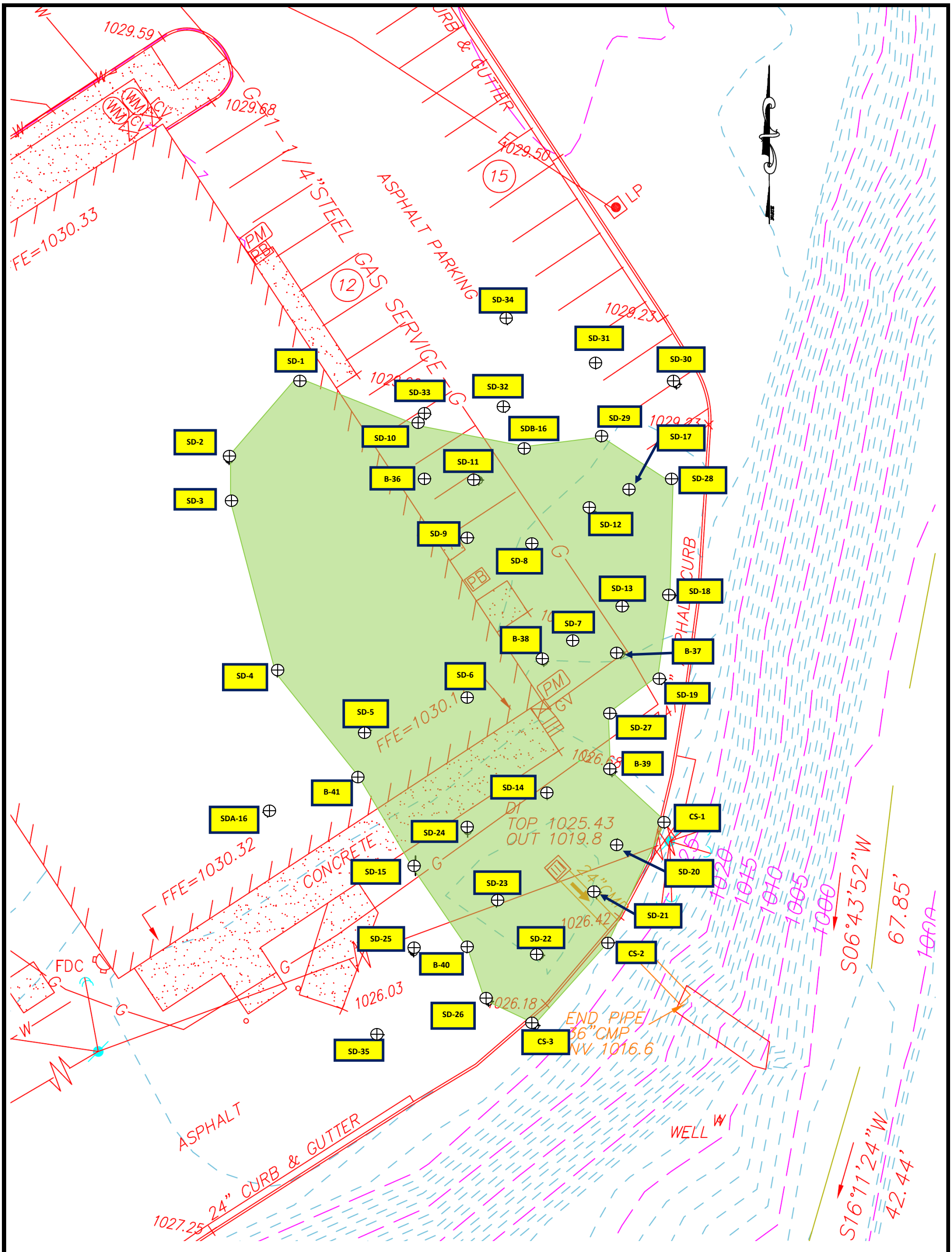


Figure 7: Extent of Soil Excavation Map

CONTOUR ENGINEERING, LLC

LEGEND

⊕ Soil Sample Location

Extent of Soil Excavation Exceeding Type 1 Risk Reduction Standards

1" = 20'

0 10 20

PROJECT

Former Imperial Cleaners
1233B Alpharetta Street
Roswell, Fulton County, Georgia
Contour Project: E15FCS:02

Former Imperial Cleaners
1233B Alpharetta Street
Roswell, Fulton County, Georgia

TABLE 1 : Soil Analytical Results
Volatile Organic Compounds

Boring Number	Sample Identification	Depth (ft bgs)	Date Sampled	PCE (mg/kg)	TCE (mg/kg)	cis-1,2-DCE (mg/kg)	trans-1,2-DCE (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Acetone (mg/kg)	DBCM (mg/kg)	Carbon Disulfide (mg/kg)
SD-1	SD-1A	0-2	3/7/2014	0.0103	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-1B	8-10	3/7/2014	0.0151	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-1C	18-20	3/7/2014	0.0551	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-2	SD-2A	0-2	3/7/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-2B	8-10	3/7/2014	0.0295	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-2C	16-17	3/7/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-3	SD-3A	0-2	3/7/2014	0.067	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-3B	8-10	3/7/2014	0.00941	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-3C	18-20	3/7/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-4	SD-4A	0-2	3/7/2014	0.0395	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-4B	8-10	3/7/2014	0.0989	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-4C	18-20	3/7/2014	0.171	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-5	SD-5A	0-2	3/7/2014	0.0246	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-5B	8-10	3/7/2014	0.00718	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-5C	18-20	3/7/2014	**1.5**	0.0108	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-6	SD-6A	0-2	3/7/2014	0.00512	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-6B	8-10	3/7/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-6C	18-20	3/7/2014	**2.93**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-7	SD-7A	0-2	3/7/2014	0.0635	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-7B	8-10	3/7/2014	0.146	BRL	BRL	BRL	BRL	BRL	0.0778	BRL	BRL
	SD-7C	18-20	3/7/2014	0.0223	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-8	SD-8A	0-2	3/7/2014	0.0244	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-8B	8-10	3/7/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-8C	18-20	3/7/2014	**1.34**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-9	SD-9A	0-2	3/7/2014	0.0214	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-9B	8-10	3/7/2014	0.0439	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-9C	18-20	3/7/2014	0.387	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-10	SD-10A	0-2	3/7/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-10B	8-10	3/7/2014	0.00993	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-10C	13-15	3/7/2014	0.0295	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-11	SD-11A	0-2	3/27/2014	0.148	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-11B	8-10	3/27/2014	0.0961	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-11C	18-20	3/27/2014	**0.841**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-12	SD-12A	0-2	3/27/2014	**1.3**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-12B	10-12	3/27/2014	0.23	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL

Former Imperial Cleaners
1233B Alpharetta Street
Roswell, Fulton County, Georgia

TABLE 1 : Soil Analytical Results
Volatile Organic Compounds

Boring Number	Sample Identification	Depth (ft bgs)	Date Sampled	PCE (mg/kg)	TCE (mg/kg)	cis-1,2-DCE (mg/kg)	trans-1,2-DCE (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Acetone (mg/kg)	DBCM (mg/kg)	Carbon Disulfide (mg/kg)
SD-13	SD-13A	0-2	3/27/2014	0.136	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-13B	8-10	3/27/2014	0.0344	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-13C	18-20	3/27/2014	**0.686**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-14	SD-14A	0-2	3/27/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-14B	8-10	3/27/2014	0.0303	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-14C	18-20	3/27/2014	**1.34**	0.0956	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-15	SD-15A	0-2	3/27/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-15B	8-10	3/27/2014	0.0188	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-15C	18-20	3/27/2014	0.013	0.0566	BRL	BRL	BRL	BRL	0.11	BRL	BRL
SDA-16	SD-16A	0-2	3/26/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-16B	8-10	3/26/2014	0.0107	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-16C	18-20	3/26/2014	0.00824	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SDB-16	SD-16A	0-2	4/11/2014	0.0221	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-16B	8-16	4/11/2014	0.0206	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-16C	18-20	4/11/2014	0.264	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-17	SD-17A	0-2	4/11/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-17B	8-10	4/11/2014	0.131	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-17C	18-20	4/11/2014	**0.539**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-18	SD-18A	0-2	4/11/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-18B	8-10	4/11/2014	0.0209	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-18C	18-20	4/11/2014	0.089	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-19	SD-19A	0-2	4/11/2014	0.0586	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-19B	8-10	4/11/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-19C	18-20	4/11/2014	0.148	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-20	SD-20A	0-2	4/11/2014	0.0113	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-20B	8-10	4/11/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-20C	18-20	4/11/2014	**0.899**	0.00752	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-21	SD-21A	0-2	4/11/2014	0.00607	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-21B	8-10	4/11/2014	0.00661	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-21C	18-20	4/11/2014	0.144	0.00465	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-22	SD-22A	0-2	4/11/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-22B	8-10	4/11/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-22C	18-20	4/11/2014	**1.63**	0.00706	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-23	SD-23A	0-2	4/11/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-23B	8-10	4/11/2014	0.0479	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-23C	18-20	4/11/2014	**3.68**	0.103	0.0312	BRL	BRL	BRL	BRL	BRL	BRL

Former Imperial Cleaners
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TABLE 1 : Soil Analytical Results
Volatile Organic Compounds

Boring Number	Sample Identification	Depth (ft bgs)	Date Sampled	PCE (mg/kg)	TCE (mg/kg)	cis-1,2-DCE (mg/kg)	trans-1,2-DCE (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Acetone (mg/kg)	DBCM (mg/kg)	Carbon Disulfide (mg/kg)
SD-24	SD-24A	0-2	4/11/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-24B	8-10	4/11/2014	0.0235	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-24C	18-20	4/11/2014	0.065	0.122	0.00833	0.0235	BRL	BRL	0.0792	BRL	BRL
SD-25	SD-25A	0-2	4/25/2014	0.0481	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-25B	8-10	4/25/2014	0.0507	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-25C	18-20	4/25/2014	0.0694	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-26	SD-26A	0-2	4/25/2014	0.00551	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-26B	8-10	4/25/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-26C	18-20	4/25/2014	0.0474	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-27	SD-27A	0-2	4/25/2014	0.0664	0.0124	0.00994	BRL	BRL	BRL	BRL	BRL	BRL
	SD-27B	8-10	4/25/2014	0.0155	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-27C	18-20	4/25/2014	0.104	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-28	SD-28A	0-2	4/25/2014	0.00761	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-28B	8-10	4/25/2014	0.045	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-28C	18-20	4/25/2014	0.0929	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-29	SD-29A	0-2	4/25/2014	0.0166	BRL	BRL	BRL	0.00621	0.0405	BRL	BRL	BRL
	SD-29B	8-10	4/25/2014	0.0378	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-29C	18-20	4/25/2014	0.15	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-30	SD-30A	0-2	4/25/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-30B	8-10	4/25/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-30C	18-20	4/25/2014	0.0307	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-31	SD-31A	0-2	4/25/2014	0.0155	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-31B	8-10	4/25/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-31C	18-20	4/25/2014	0.101	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-32	SD-32A	0-2	4/25/2014	0.0349	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-32B	8-10	4/25/2014	0.0409	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-32C	18-20	4/25/2014	0.249	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-33	SD-33A	0-2	4/25/2014	0.0399	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-33B	8-10	4/25/2014	0.113	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-33C	18-20	4/25/2014	0.345	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SD-34	SD-34A	0-2	4/25/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	SD-34B	8-10	4/25/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SD-34C	18-20	4/25/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-35	SD-35A	0-2	4/25/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SD-35B	8-10	4/25/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SD-35C	18-20	4/25/2014	NA	NA	NA	NA	NA	NA	NA	NA	NA

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TABLE 1 : Soil Analytical Results
Volatile Organic Compounds

Boring Number	Sample Identification	Depth (ft bgs)	Date Sampled	PCE (mg/kg)	TCE (mg/kg)	cis-1,2-DCE (mg/kg)	trans-1,2-DCE (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Acetone (mg/kg)	DBCM (mg/kg)	Carbon Disulfide (mg/kg)
B-36	B-36a	0-2	7/8/2014	0.079	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	B-36b	8-10	7/8/2014	0.022	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	B-36c	18-20	7/8/2014	**5.5**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
B-37	B-37a	0-2	7/8/2014	0.02	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	B-37b	8-10	7/8/2014	BRL	BRL	BRL	BRL	BRL	BRL	0.3	BRL	BRL
	B-37c	18-20	7/8/2014	**7.9**	BRL	BRL	BRL	BRL	BRL	BRL	0.31	BRL
B-38	B-38a	0-2	7/8/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	B-38b	8-10	7/8/2014	0.057	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	B-38c	18-20	7/8/2014	**0.8**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	0.046
B-39	B-39a	0-2	7/8/2014	0.032	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	B-39b	8-10	7/8/2014	0.029	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	B-39c	18-20	7/8/2014	0.14	0.0091	BRL	BRL	BRL	BRL	BRL	BRL	BRL
B-40	B-40a	0-2	7/8/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	B-40b	8-10	7/8/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	B-40c	18-20	7/8/2014	0.03	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
B-41	B-41a	0-2	7/8/2014	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	B-41b	8-10	7/8/2014	0.015	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	B-41c	18-20	7/8/2014	0.012	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
1	1-1	1	4/16/2015	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	1-10	10	4/16/2015	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	1-22	22	4/16/2015	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
2	2-1	1	4/16/2015	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2-10	10	4/16/2015	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	2-22	22	4/16/2015	0.0083	0.011	0.011	BRL	BRL	BRL	BRL	BRL	BRL
3	3-1	1	4/16/2015	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3-10	10	4/16/2015	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	3-23	23	4/16/2015	BRL	BRL	0.0077	BRL	BRL	BRL	BRL	BRL	BRL
Type 1 and Type 3 Risk Reduction Standard (mg/kg)				**0.50**	**0.50**	**7**	**10**	**70**	**1000**	**400**	**8**	**400**

Notes
mg/kg = milligrams per kilogram
ft bgs = feet below ground surface
BRL = below laboratory reporting limit
PCE = tetrachloroethene
TCE = trichloroethene
DCE = dichloroethene
DBCM = dibromochloromethane
NA = not analyzed

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Table 2 : Groundwater Elevation Data

Well ID	Date Measured	TOC Elevation (ft)	Total Well Depth (ft)	Depth to Water (ft)	Screened Interval (ft bgs)	Potentiomectric Elevation (ft)
MW-2	6/27/2014	1026.80	24	22.12	14-24	1004.68
MW-3	6/27/2014	1026.83	52	24.06	47-52	1002.77
MW-4R	6/27/2014	1009.62	7.25	8.80	5-8	1000.82
MW-5	6/27/2014	1007.51	6	6.73	4-7	1000.78
MW-6	6/27/2014	1030.08	33	24.02	23-33	1006.06
MW-7	6/27/2014	1029.59	33	24.90	23-33	1004.69
MW-8	6/27/2014	1029.61	21	12.97	11-21	1016.64
MW-9	6/27/2014	1027.44	30	22.87	20-30	1004.57
MW-11R	6/27/2014	1006.12	5.5	5.09	3-5.5	1001.03
MW-12R	6/27/2014	1004.82	5.5	3.90	3-5.5	1000.92
MW-16	6/27/2014	1028.69	33	25.04	23-33	1003.65
DW-1	6/27/2014	1029.46	55.5	24.47	50.5-55.5	1004.99

Notes
TOC = top of casing
ft = feet
ft bgs = feet below ground surface
MW = monitoring well
DW = deep well
Data provided in Table 3 was collected by AMEC and presented in the Final Compliance Status Report dated November 12, 2015.

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Table 3 : Groundwater Analytical Results
Volatile Organic Compounds

Well Number	Date Sampled	PCE (µg/L)	TCE (µg/L)	trans-1,2-DCE (µg/L)	cis-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	Chloroform (µg/L)	Styrene (µg/L)
MW-2	7/2000	**790**	**303**	**171**	**626**	**3**	<2	<2
	7/8/2005	**880**	**440**	**450**	**2600**	**55**	<5	<5
	9/11/2006	**2700**	**560**	98	**2200**	**150**	<5	<5
	3/21/2007	**1200**	**280**	**160**	**2000**	**620**	<5	<5
	7/3/2007	**1200**	**140**	30	**600**	**710**	<5	<5
	8/17/2007	**250**	**61**	37	**540**	**1100**	<5	<5
	11/2007	**660**	**220**	16	**590**	**660**	<5	<5
	1/18/2008	**370**	**120**	8.8	**340**	**160**	<5	<5
	4/29/2008	**410**	**150**	14	**390**	**310**	<5	<5
	8/15/2008	**510**	**170**	10	**260**	**390**	<5	<5
	10/28/2008	**350**	**130**	12	**320**	**190**	<5	<5
	2/27/2009	**620**	**230**	6.1	**300**	**480**	<5	<5
	8/19/2009	**220**	**240**	7.2	**400**	**190**	<5	<5
	12/16/2009	**160**	**840**	70	**1100**	**43**	<5	<5
	3/30/2010	**270**	**920**	78	**790**	**93**	<5	<5
	6/30/2010	**43**	**690**	83	**1200**	**100**	<5	<5
	2/9/2012	**190**	**230**	6.9	**380**	**40**	<5	<5
	4/19/2012	**190**	**130**	<5	**170**	**47**	<5	<5
	7/18/2012	**190**	**190**	<5	**190**	**53**	<5	<5
	10/17/2012	**180**	**140**	<5	**190**	**77**	<5	<5
	2/8/2013	**140**	**190**	<5	**200**	<2	<5	<5
	2/8/2013 (dup)	**180**	**110**	<5	**100**	**40**	<5	<5
	4/18/2013	**28**	**140**	8.8	**570**	**63**	<5	<5
	7/26/2013	**66**	**170**	11	**520**	**62**	<5	<5
	10/16/2013	**200**	**54**	17	**590**	**130**	<5	<5
	6/27/2014	**66**	**39**	19	**490**	**180**	<5	<5
	6/27/2014 (dup)	**62**	**39**	18	**490**	**190**	<5	<5
	12/15/2014	**43**	**57**	**110**	**440**	**22**	<5	<5
	6/30/2015	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed
MW-3	8/15/2001	<2	<2	<2	<2	<2	10	<2
	7/13/2005	<5	<5	<5	<5	<2	<5	<5
	10/28/2008	<5	<5	<5	<5	<2	<5	<5
	10/28/2008 (dup)	<5	<5	<5	<5	<2	<5	<5
	2/27/2009	<5	<5	<5	<5	<2	<5	<5
	8/19/2009	<5	<5	<5	<5	<2	<5	<5
	12/16/2009	<5	<5	<5	<5	<2	<5	<5
	3/30/2010	**6.4**	<5	<5	<5	<2	<5	<5
	6/30/2010	<5	<5	<5	<5	<2	<5	<5
	6/30/2010 (dup)	<5	<5	<5	<5	<2	<5	<5
	2/8/2012	<5	<5	<5	<5	<2	<5	<5
	4/19/2012	<5	<5	<5	<5	<2	<5	<5
	7/18/2012	<5	<5	<5	<5	<2	<5	<5
	10/17/2012	<5	<5	<5	<5	<2	<5	<5
	2/7/2013	<5	<5	<5	<5	<2	<5	<5
	4/18/2013	<5	<5	<5	<5	<2	<5	<5
	7/25/2013	<5	<5	<5	<5	<2	<5	<5
	10/15/2013	<5	<5	<5	<5	<2	<5	<5
	6/30/2015	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed

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Table 3 : Groundwater Analytical Results
Volatile Organic Compounds

Well Number	Date Sampled	PCE (µg/L)	TCE (µg/L)	trans-1,2-DCE (µg/L)	cis-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	Chloroform (µg/L)	Styrene (µg/L)
MW-4	8/15/2001	3	<2	<2	10	<2	<2	<2
	7/13/2005	**15**	<5	<5	<5	<2	<5	<5
	9/11/2006	<5	<5	<5	14	2	<5	<5
	3/21/2007	**5.9**	<5	<5	<5	<2	<5	<5
MW-4R	7/3/2007	**6.9**	<5	<5	6.9	<2	<5	<5
	11/1/2007	**8.4**	<5	<5	<5	<2	<5	<5
	1/18/2008	<5	<5	<5	<5	<2	<5	<5
	4/29/2008	<5	<5	<5	<5	<2	<5	<5
	8/15/2008	NS	NS	NS	NS	NS	NS	NS
	10/28/2008	<5	<5	<5	<5	<2	<5	<5
	2/27/2009	<5	<5	<5	<5	<2	<5	<5
	8/19/2009	<5	<5	<5	<5	<2	<5	<5
	12/16/2009	**5.8**	<5	<5	<5	<2	<5	<5
	3/30/2010	<5	**5.8**	<5	9.8	<2	<5	<5
	6/30/2010	<5	**6.5**	<5	9.8	<2	<5	<5
	2/8/2012	<5	<5	<5	<5	<2	<5	<5
	2/8/2012	<5	<5	<5	8	<2	<5	<5
	4/19/2012	<5	<5	<5	<5	<2	<5	<5
	7/18/2012	<5	<5	<5	6.4	<2	<5	<5
	10/17/2012	<5	<5	<5	6.6	<2	<5	<5
	2/8/2013	<5	<5	<5	<5	<2	<5	<5
	4/19/2013	<5	<5	<5	<5	<2	<5	<5
	7/26/2013	<5	<5	<5	5.7	<2	<5	<5
	7/26/2013 (dup)	<5	<5	<5	5.7	<2	<5	<5
	10/15/2013	<5	<5	<5	7	<2	<5	<5
	6/27/2014	<5	<5	<5	6.5	<2	<5	<5
	12/15/2014	<5	<5	<5	6.4	<2	<5	<5
	6/30/2015	<5	<5	<5	8.4	<2	<5	<5

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Table 3 : Groundwater Analytical Results
Volatile Organic Compounds

Well Number	Date Sampled	PCE (µg/L)	TCE (µg/L)	trans-1,2-DCE (µg/L)	cis-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	Chloroform (µg/L)	Styrene (µg/L)
MW-5	8/15/2001	<2	<2	<2	<2	<2	<2	<2
	7/8/2005	<5	<5	<5	<5	<2	<5	<5
	3/21/2007	<5	<5	<5	<5	<2	<5	<5
	7/3/2007	<5	<5	<5	<5	<2	<5	<5
	11/1/2007	<5	<5	<5	<5	<2	<5	<5
	1/18/2008	<5	<5	<5	<5	<2	<5	<5
	4/29/2008	<5	<5	<5	<5	<2	<5	<5
	8/15/2008	<5	<5	<5	<5	<2	<5	<5
	10/28/2008	<5	<5	<5	<5	<2	<5	<5
	2/27/2009	<5	<5	<5	<5	<2	<5	<5
	2/27/2009 (dup)	<5	<5	<5	<5	<2	<5	<5
	8/19/2009	<5	<5	<5	<5	<2	<5	<5
	12/16/2009	<5	<5	<5	<5	<2	<5	<5
	3/30/2010	<5	<5	<5	<5	<2	<5	<5
	6/30/2010	<5	<5	<5	<5	<2	<5	<5
	2/9/2012	<5	<5	<5	<5	<2	<5	<5
	4/19/2012	<5	<5	<5	<5	<2	<5	<5
	7/18/2012	<5	<5	<5	<5	<2	<5	<5
	10/17/2012	<5	<5	<5	7	<2	<5	<5
	10/17/2012 (dup)	<5	<5	<5	5.9	<2	<5	<5
	2/8/2013	<5	<5	<5	<5	<2	<5	<5
	4/19/2013	<5	<5	<5	<5	<2	<5	<5
	7/26/2013	<5	<5	<5	<5	<2	<5	<5
	10/16/2013	<5	<5	<5	<5	<2	<5	<5
	6/30/2015	<5	<5	<5	5.8	<2	<5	<5
MW-6	3/14/2002	<2	<2	<2	<2	<2	<2	<2
	7/8/2005	<5	<5	<5	<5	<5	<5	<5

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Table 3 : Groundwater Analytical Results
Volatile Organic Compounds

Well Number	Date Sampled	PCE (µg/L)	TCE (µg/L)	trans-1,2-DCE (µg/L)	cis-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	Chloroform (µg/L)	Styrene (µg/L)
MW-7	3/14/2002	**830**	**130**	18	45	<2	<5	<5
	7/8/2005	**1000**	**180**	18	67	<2	<5	<5
	9/11/2006	**1800**	**260**	58	**100**	<2	<5	<5
	3/21/2007	**2200**	**270**	30	**98**	<2	<5	<5
	7/3/2007	**2900**	**210**	37	**87**	<2	<5	<5
	7/3/2007 (dup)	**2400**	**200**	29	**96**	<2	<5	<5
	8/17/2007	**1400**	**85**	<5	43	<2	<5	<5
	11/1/2007	**1900**	**240**	27	**180**	<2	<5	<5
	11/1/2007 (dup)	**1600**	**280**	23	**110**	<2	<5	<5
	1/18/2008	**1700**	**130**	14	**85**	<2	<5	<5
	1/18/2008 (dup)	**1800**	**140**	11	**70**	<2	<5	<5
	4/29/2008	**3100**	**220**	11	**75**	<2	<5	<5
	4/29/2008 (dup)	**3100**	**190**	12	**84**	<2	<5	<5
	8/15/2008	**2100**	**190**	6	**91**	<2	<5	<5
	10/28/2008	**2100**	**350**	12	**100**	<2	<5	<5
	2/27/2009	**1800**	**370**	9.9	**120**	<2	<5	<5
	8/19/2009	**2900**	**370**	13	**89**	<2	<5	<5
	12/16/2009	**4400**	**680**	47	**250**	<2	<5	<5
	3/30/2010	**3800**	**560**	47	**210**	<2	<5	<5
	6/30/2010	**4800**	**830**	69	**280**	<2	<5	<5
	2/9/2012	**2900**	**470**	36	**220**	<2	<5	<5
	4/19/2012	**3700**	**530**	33	**210**	<2	<5	<5
	7/18/2012	**2500**	**330**	15	**120**	<2	<5	<5
	10/17/2012	**2000**	**360**	5.7	**89**	<2	<5	<5
	2/7/2013	**2000**	**530**	14	**120**	<2	<5	<5
	4/18/2013	**3000**	**560**	36	**160**	<2	<5	<5
	7/26/2013	**3400**	**620**	41	**210**	<2	<5	<5
	10/16/2013	**4000**	**680**	41	**200**	<2	<5	<5
	6/27/2014	**1000**	**190**	6.3	**73**	<2	<5	<5
	12/15/2014	**2500**	**940**	50	**410**	<2	<5	<5
	12/15/2014 (dup)	**2900**	**960**	60	**410**	<2	<5	<5
	6/30/2015	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed
MW-8	3/14/2002	<2	<2	<2	<2	<2	<2	<2
	7/8/2005	<5	<5	<5	<5	<2	<5	<5
MW-9	3/14/2002	<2	<2	<2	<2	<2	7	<2
	7/8/2005	<5	<5	<5	<5	<2	<5	<5
MW-10	3/14/2002	<2	<2	<2	<2	<2	<2	<2
	7/8/2005	<5	<5	<5	<5	<5	<5	<5
MW-11	4/4/2002	**18**	**18**	4	28	2	<2	<2
	7/8/2005	<5	<5	<5	<5	<2	<5	<5
	3/21/2007	<5	<5	<5	<5	<2	<5	<5

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Table 3 : Groundwater Analytical Results
Volatile Organic Compounds

Well Number	Date Sampled	PCE (µg/L)	TCE (µg/L)	trans-1,2-DCE (µg/L)	cis-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	Chloroform (µg/L)	Styrene (µg/L)
MW-11R	7/3/2007	<5	<5	<5	5.6	<2	<5	<2
	11/1/2007	<5	<5	<5	<5	<2	<5	<5
	1/18/2008	<5	<5	<5	5.5	<2	<5	<5
	4/29/2008	<5	**8.6**	<5	26	**2.2**	<5	<5
	8/15/2008	<5	<5	<5	<5	<2	<5	<5
	10/28/2008	<5	<5	<5	<5	<2	<5	<5
	2/27/2009	<5	<5	<5	7.6	<2	<5	<5
	8/19/2009	<5	<5	<5	<5	<2	<5	<5
	12/16/2009	<5	<5	<5	<5	<2	<5	<5
	3/30/2010	**110**	**65**	11	**170**	**5.7**	<5	<5
	6/30/2010	NS	NS	NS	NS	NS	NS	NS
	2/8/2012	**92**	**81**	14	**210**	<2	<5	<5
	4/19/2012	**26**	**92**	13	**260**	**10**	<5	<5
	7/18/2012	NS	NS	NS	NS	NS	NS	NS
	10/17/2012	<5	<5	<5	<5	**6.6**	<5	<5
	2/8/2013	**57**	**72**	5.4	**120**	<2	<5	<5
	4/19/2013	**57**	**160**	13	**190**	**3.4**	<5	<5
	7/25/2013	NS	NS	NS	NS	NS	NS	NS
	10/15/2013	**62**	**151**	11	**211**	**3.1**	<5	<5
	6/27/2014	**13**	**17**	5.3	62	**11**	<5	<5
	12/15/2014	**72**	**83**	14	**150**	<2	<5	<5
	6/30/2015	NS	NS	NS	NS	NS	NS	NS
MW-12	6/12/2002	<2	<2	<2	<2	<2	<2	<2
	7/13/2005	<5	<5	<5	<5	<2	<5	<5
	3/21/2007	<5	<5	<5	<5	<2	<5	<5
MW-12R	7/3/2007	<5	<5	<5	<5	<2	<5	<5
	11/1/2007	<5	<5	<5	<5	<2	<5	<5
	1/18/2008	<5	<5	<5	<5	<2	<5	<5
	4/29/2008	<5	<5	<5	<5	<2	<5	<5
	8/15/2008	<5	<5	<5	<5	<2	<5	<5
	10/28/2008	<5	<5	<5	<5	<2	<5	<5
	2/27/2009	<5	<5	<5	<5	<2	<5	<5
	8/19/2009	<5	<5	<5	<5	<2	<5	<5
	12/16/2009	<5	<5	<5	<5	<2	<5	<5
	3/30/2010	<5	<5	<5	<5	<2	<5	<5
	6/30/2010	<5	<5	<5	<5	<2	<5	<5
	2/8/2012	<5	<5	<5	<5	<2	<5	<5
	4/19/2012	<5	<5	<5	<5	<2	<5	<5
	7/18/2012	<5	<5	<5	<5	<2	<5	<5
	10/17/2012	<5	<5	<5	<5	<2	<5	<5
	2/8/2013	<5	<5	<5	<5	<2	<5	<5
	4/19/2013	<5	<5	<5	<5	<2	<5	<5
	7/25/2013	<5	<5	<5	<5	<2	<5	<5
	10/16/2013	<5	<5	<5	<5	<2	<5	<5
	6/30/2015	<5	<5	<5	<5	<2	<5	<5

Former Imperial Cleaners
1233B Alpharetta Street
Roswell, Fulton County, Georgia

Table 3 : Groundwater Analytical Results
Volatile Organic Compounds

Well Number	Date Sampled	PCE (µg/L)	TCE (µg/L)	trans-1,2-DCE (µg/L)	cis-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	Chloroform (µg/L)	Styrene (µg/L)
DW-1	3/22/2006	<5	<5	<5	<5	<2	<5	<5
	10/28/2008	**6.6**	<5	<5	<5	<2	<5	<5
	2/27/2009	**8.5**	<5	<5	<5	<2	<5	<5
	8/19/2009	<5	<5	<5	<5	<2	<5	<5
	12/16/2009	<5	<5	<5	<5	<2	<5	<5
	12/16/2009 (dup)	<5	<5	<5	<5	<2	<5	<5
	3/30/2010	**26**	<5	<5	<5	<2	<5	<5
	3/30/2010 (dup)	**27**	<5	<5	<5	<2	<5	<5
	6/30/2010	**34**	**6.4**	<5	<5	<2	<5	<5
	2/9/2012	<5	<5	<5	<5	<2	<5	<5
	4/19/2012	<5	<5	<5	<5	<2	<5	<5
	7/18/2012	**5.8**	<5	<5	<5	<2	<5	<5
	10/17/2012	<5	<5	<5	<5	<2	<5	<5
	2/7/2013	<5	<5	<5	<5	<2	<5	<5
	4/18/2013	<5	<5	<5	<5	<2	<5	<5
	4/18/2013 (dup)	<5	<5	<5	<5	<2	<5	<5
	7/25/2013	<5	<5	<5	<5	<2	<5	<5
	10/15/2013	<5	<5	<5	<5	<2	<5	<5
	6/27/2014	<5	<5	<5	<5	<2	<5	<5
	12/15/2014	<5	<5	<5	<5	<2	<5	<5
	6/30/2015	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed
MW-13	8/19/2009	**43**	**9.5**	<5	6.3	<2	<5	<5
	6/30/2015	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed
MW-14	8/19/2009	<5	<5	<5	<5	<2	<5	<5
	8/19/2009 (dup)	<5	<5	<5	<5	<2	<5	<5
	6/30/2015	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed
MW-15	8/19/2009	<5	<5	<5	<5	<2	<5	<5
	6/30/2015	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed
MW-16	2/13/2012	**340**	**160**	85	**510**	**2.3**	<5	<5
	4/19/2012	**220**	**55**	19	**130**	<2	<5	<5
	4/19/2012 (dup)	**190**	**57**	20	**140**	<2	<5	<5
	7/18/2012	**180**	**38**	7.6	**96**	<2	<5	<5
	10/17/2012	**150**	**60**	5.4	**100**	<2	<5	<5
	2/7/2013	**170**	**69**	5.1	**74**	<2	<5	<5
	4/18/2013	**180**	**60**	7.8	**72**	<2	<5	<5
	7/25/2013	**180**	**63**	7.9	**80**	<2	<5	<5
	10/15/2013	**210**	**100**	16	**110**	<2	<5	<5
	6/30/2015	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed	Destroyed

Former Imperial Cleaners
1233B Alpharetta Street
Roswell, Fulton County, Georgia

Table 3 : Groundwater Analytical Results
Volatile Organic Compounds

Well Number	Date Sampled	PCE (µg/L)	TCE (µg/L)	trans-1,2-DCE (µg/L)	cis-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	Chloroform (µg/L)	Styrene (µg/L)
SW-1	8/15/2001	<5	<5	<5	<5	<2	<5	<5
	3/21/2007	<5	<5	<5	<5	<2	<5	<5
	7/3/2007	<5	<5	<5	<5	<2	<5	<5
	11/1/2007	<5	<5	<5	<5	<2	<5	<5
	1/18/2008	<5	<5	<5	<5	<2	<5	<5
	4/29/2008	<5	<5	<5	<5	<2	<5	<5
	8/15/2008	<5	<5	<5	<5	<2	<5	<5
	10/28/2008	<5	<5	<5	<5	<2	<5	<5
	2/27/2009	<5	<5	<5	<5	<2	<5	<5
	8/19/2009	<5	<5	<5	<5	<2	<5	<5
	12/16/2009	<5	<5	<5	<5	<2	<5	<5
	3/30/2010	<5	<5	<5	<5	<2	<5	5.1
	6/30/2010	<5	<5	<5	<5	<2	<5	<5
	2/8/2012	<5	<5	<5	<5	<2	<5	<5
	4/19/2012	<5	<5	<5	<5	<2	<5	<5
	7/19/2012	<5	<5	<5	<5	<2	<5	<5
	10/17/2012	<5	<5	<5	<5	<2	<5	<5
	2/8/2013	<5	<5	<5	<5	<2	<5	<5
	4/19/2013	<5	<5	<5	<5	<2	<5	<5
	7/25/2013	<5	<5	<5	<5	<2	<5	<5
	10/16/2013	<5	<5	<5	<5	<2	<5	<5
	6/30/2015	<5	<5	<5	<5	<2	<5	<5
SW-2	8/15/2001	<5	<5	<5	<5	<2	<5	<5
	3/21/2007	<5	<5	<5	<5	<2	<5	<5
	7/3/2007	<5	<5	<5	<5	<2	<5	<5
	11/1/2007	<5	<5	<5	<5	<2	<5	<5
	1/18/2008	<5	<5	<5	<5	<2	<5	<5
	4/29/2008	<5	<5	<5	<5	<2	<5	<5
	8/15/2008	<5	<5	<5	<5	<2	<5	<5
	10/28/2008	<5	<5	<5	<5	<2	<5	<5
	2/27/2009	<5	<5	<5	<5	<2	<5	<5
	8/19/2009	<5	<5	<5	<5	<2	<5	<5
	12/16/2009	<5	<5	<5	<5	<2	<5	<5
	3/30/2010	<5	<5	<5	<5	<2	<5	5.6
	6/30/2010	<5	<5	<5	<5	<2	<5	<5
	2/8/2012	<5	<5	<5	<5	<2	<5	<5
	4/19/2012	<5	<5	<5	<5	<2	<5	<5
	7/19/2012	<5	<5	<5	<5	<2	<5	<5
	10/17/2012	<5	<5	<5	<5	<2	<5	<5
	2/8/2013	<5	<5	<5	<5	<2	<5	<5
	4/19/2013	<5	<5	<5	<5	<2	<5	<5
	7/25/2013	<5	<5	<5	<5	<2	<5	<5
	10/16/2013	<5	<5	<5	<5	<2	<5	<5
	6/30/2015	<5	<5	<5	<5	<2	<5	<5

Former Imperial Cleaners
1233B Alpharetta Street
Roswell, Fulton County, Georgia

Table 3 : Groundwater Analytical Results
Volatile Organic Compounds

Well Number	Date Sampled	PCE (µg/L)	TCE (µg/L)	trans-1,2-DCE (µg/L)	cis-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	Chloroform (µg/L)	Styrene (µg/L)
SW-3	7/8/2005	<5	<5	<5	<5	<2	<5	<5
	3/21/2007	<5	<5	<5	<5	<2	<5	<5
	7/3/2007	<5	<5	<5	<5	<2	<5	<5
	11/1/2007	<5	<5	<5	<5	<2	<5	<5
	1/18/2008	<5	<5	<5	<5	<2	<5	<5
	4/29/2008	<5	<5	<5	<5	<2	<5	<5
	8/15/2008	<5	<5	<5	<5	<2	<5	<5
	10/28/2008	<5	<5	<5	<5	<2	<5	<5
	2/27/2009	<5	<5	<5	<5	<2	<5	<5
	8/19/2009	<5	<5	<5	<5	<2	<5	<5
	12/16/2009	<5	<5	<5	<5	<2	<5	<5
	3/30/2010	<5	<5	<5	<5	<2	<5	5.6
	6/30/2010	<5	<5	<5	<5	<2	<5	<5
	2/8/2012	<5	<5	<5	<5	<2	<5	<5
	4/19/2012	<5	<5	<5	<5	<2	<5	<5
	7/19/2012	<5	<5	<5	<5	<2	<5	<5
	10/17/2012	<5	<5	<5	<5	<2	<5	<5
	2/8/2013	<5	<5	<5	<5	<2	<5	<5
	4/19/2013	<5	<5	<5	<5	<2	<5	<5
	7/25/2013	<5	<5	<5	<5	<2	<5	<5
	10/16/2013 (dup)	<5	<5	<5	<5	<2	<5	<5
	10/16/2013	<5	<5	<5	<5	<2	<5	<5
	6/30/2015	<5	<5	<5	<5	<2	<5	<5
MCL (µg/L)		5	5	100	70	2	80	100

Notes
VOCs = volatile organic compounds
µg/L = micrograms per liter
MW = monitoring well
DW = deep well
SW = surface water
PCE = tetrachloroethene
TCE = trichloroethene
DCE = dichloroethene
MCL = Maximum Contaminant Level
Values in bold exceed MCLs

Data provided in Table 3 was collected by AMEC and presented in the 4th Semi-Annual Progress Report dated November 8, 2013.

APPENDIX I

DRAFT ENVIRONMENTAL COVENANT

After Recording Return to:
Georgia Environmental Protection Division
2 Martin Luther King Jr. Drive, SW
Suite 1054
Atlanta, Georgia 30334

Environmental Covenant

This instrument is an Environmental Covenant executed pursuant to the Georgia Uniform Environmental Covenants Act, OCGA § 44-16-1, *et seq.* This Environmental Covenant subjects the Property identified below to the activity and/or use limitations specified in this document. The effective date of this Environmental Covenant shall be the date upon which the fully executed Environmental Covenant has been recorded in accordance with OCGA § 44-16-8(a).

Fee Owner of Property/Grantor:
Fulton County Board of Education
786 Cleveland Avenue, SW
Atlanta, Georgia 30315

Grantee/Holder:
PM, Ltd.
Wright Management, Inc.
c/o SunTrust Bank, Agent
Privately Held Investments
303 Peachtree Street, Suite 2600
Atlanta, Georgia 30303
Attn: Nancy Shannon

Grantee/Entity with express power to enforce:
State of Georgia
Department of Natural Resources
Environmental Protection Division
2 Martin Luther King Jr. Drive, SE
Suite 1054 East Tower
Atlanta, Georgia 30334

Other Parties with interest in the Property: _____

Property:

The property subject to this Environmental Covenant is more particularly described below and consists of land formerly occupied by Imperial Cleaners and located at 1233B Alpharetta Highway in Roswell, Fulton County, Georgia. The tract of land containing this property was conveyed on December 26, 1985, from Trust Company Bank as Successor Trustee for the Marital Trust and for the Residual Trust, both created under the Last Will and Testament of William R. Wright, and from William R. Wright, Jr., to PM, Ltd., recorded in Deed Book 9889, Pages 448-53, Fulton County Records. The Fulton County Board of Education obtained title to the Property in a condemnation action on _____. The property is located in Land Lots 449 and 450 of the 1st District, 2nd Section, Fulton County, Georgia and consists of the northern portion of the former Kingscreek Shopping Center. A complete legal description of the property (the "Property") is more particularly described on attached as Exhibit A, and a map of the Property is attached as Exhibit B.

Tax Parcel Number(s):

The Property consists of Tax Parcel ID Number _____.

Name and Location of Administrative Records:

The corrective action at the Property that is the subject of this Environmental Covenant is described in the following document[s]:

- Compliance Status Report (CSR) (Aug. 2002)
- Revised CSR (Aug. 2005)
- Corrective Action Plan (CAP) (2005)
- Revised CAP (2006)
- Monitored Natural Attenuation (MNA) approved by EPD (Jan. 2007)
- Voluntary Remediation Plan (VRP) (Oct. 2010)
- VRP approved by EPD (Nov. 2011)
- Compliance Status Report (October 2015)

These documents are available at the following locations:

Georgia Environmental Protection Division
Response and Remediation Program
2 MLK Jr. Drive, SE, Suite 1054 East Tower
Atlanta, Georgia 30334
M-F 8:00 AM to 4:30 PM excluding state holidays

Description of Contamination and Corrective Action:

This Property has been listed on the state's hazardous site inventory and has been designated as needing corrective action due to the presence of hazardous wastes, hazardous constituents, or hazardous substances regulated under state law. Contact the property owner or the Georgia Environmental Protection Division for further information concerning this Property. This notice is provided in compliance with the Georgia Hazardous Site Response Act.

This Environmental Covenant is made pursuant to the Georgia Uniform Environmental Covenants Act, O.C.G.A. § 44-16-1 *et seq*. by The Fulton County Board of Education, its successors

and assigns, PM**,** and the State of Georgia, Department of Natural Resources, Environmental Protection Division (hereinafter "EPD"), its successors and assigns. This Environmental Covenant is required because of a past release of Tetrachloroethene, Trichloroethene, Cis-1,2-Dichloroethene, Trans-1,2-Dichloroethene, Vinyl Chloride, Chloroform, Acetone and Toulene ("constituents") occurred on the Property. Each of the constituents is a "regulated substance" as defined under the Georgia Hazardous Site Response Act, O.C.G.A. § 12-8-90 *et seq.*, and the rules promulgated thereunder (hereinafter "HSRA" and "Rules", respectively). The Corrective Action consists of institutional controls limiting the type of use of the Property; mitigation of risk, if any, from indoor air vapor intrusion; and the prohibition on the use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial purposes to protect human health and the environment.

Grantor, Fulton County Board of Education (hereinafter "Board"), hereby binds Grantor, its successors and assigns to the activity and use restriction(s) for the Property identified herein and grants such other rights under this Environmental Covenant in favor of PM, and EPD until such time as, pursuant to Section 11, this Environmental Covenant is terminated or to the extent modified thereunder.. EPD shall have full right of enforcement of the rights conveyed under this Environmental Covenant pursuant to HSRA, O.C.G.A. § 12-8-90 *et seq*., and the rules promulgated thereunder. Failure to timely enforce compliance with this Environmental Covenant or the use or activity limitations contained herein by any person shall not bar subsequent enforcement by such person and shall not be deemed a waiver of the person's right to take action to enforce any non-compliance. Nothing in this Environmental Covenant shall restrict EPD from excising any authority under applicable law.

The Board makes the following declaration as to limitations, restrictions, and uses to which the Property may be put and specifies that such declarations shall constitute covenants to run with the land, pursuant to O.C.G.A. § 44-16-5(a); is perpetual, unless modified or terminated pursuant to the terms of this Covenant pursuant to O.C.G.A. § 44-16-9; and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property (hereinafter "Owner"). Should a transfer or sale of the Property occur before such time as this Environmental Covenant has been amended or revoked then said Environmental Covenant shall be binding on the transferee(s) or purchaser(s).

The Environmental Covenant shall inure to the benefit of PM, EPD, the Board, and their respective successors and assigns, and shall be enforceable by the Director, or his agents or assigns, PM, or its successors and assigns, and other party(ies), as provided for in O.C.G.A. § 44-16-11, in a court of competent jurisdiction.

Activity and/or Use Limitation(s)

1. Registry. Pursuant to O.C.G.A. § 44-16-12, this Environmental Covenant and any amendment or termination thereof, may be contained in EPD's registry for environmental covenants.

2. Notice. The Owner of the Property must give thirty (30) days advance written notice to EPD of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued monitoring, operation, and maintenance of the Corrective Action. The Owner of the Property must also give thirty (30) days advance written notice to EPD of the Owner's intent to change the use of the Property, apply for building permit(s), or propose any site work inconsistent with the activity and use limitations set forth herein.

3. Notice of Limitation in Future Conveyances. Each instrument hereafter conveying an interest in the Property subject to this Environmental Covenant shall contain a notice of the activity and use limitations set forth in this Environmental Covenant and shall provide the recorded location of the Environmental Covenant.

4. Periodic Reporting. Annually, by no later than July 31st following the effective date of this Environmental Covenant, the Owner shall submit to EPD an Annual Report certifying nonresidential use of the Property and also documenting that the Property is in compliance with the activity and use limitations in this Environmental Covenant.

5. Activity and Use Limitation. The Property shall be used only for non-residential uses, as defined in Section 391-3-19-.02 of the Rules and defined in and allowed under Fulton County's zoning regulations as of the date of this Environmental Covenant. Any residential use on the Property shall be prohibited. Any activity on the Property that may result in the release or exposure to the regulated substances that were contained as part of the Corrective Action, or create a new exposure pathway, is prohibited. In addition, prior to building any structure on the Property, a qualified professional shall evaluate the potential risk and/or hazard for the intrusion of vapors and, if warranted, an engineered vapor intrusion ("VI") mitigation system shall be designed and installed. No soil exceeding the Type 1 risk reduction standard removed from the Property may be used as fill material at another site.

6. Groundwater Limitation. The use or extraction of groundwater beneath the Property for drinking water or for any other non-remedial use shall be prohibited.

7. Right of Access. In addition to any rights already possessed by EPD and the access being provided PM under an express easement, the Owner shall allow authorized representatives of EPD the right to enter the Property and inspect records at reasonable times to evaluate and determine compliance with the Corrective Action; take samples; and to determine compliance with this Environmental Covenant.

8. Recording of Environmental Covenant and Proof of Notification. Within thirty (30) days after the date of the Director's signature, the Owner shall file this Environmental Covenant with the Recorders of Deeds for each County in which the Property is located, and send a file stamped copy of this Environmental Covenant to EPD within thirty (30) days of recording. Within that time period, the Owner shall also send a file-stamped copy to each of the following: (1) PM, (2) each person holding a recorded interest in the Property subject to the covenant, (3) each person in possession of the real property subject to the covenant, (4) each municipality, county, consolidated government; or other unit of local government in which real property subject to the covenant is located, and (5) each owner in fee simple whose property abuts the property subject to the Environmental Covenant.

9. Termination or Modification. The Environmental Covenant shall remain in full force and effect in accordance with O.C.G.A. § 44-5-60, unless and until the Director determines that the Property is in compliance with the applicable Risk Reduction Standards, as defined in Georgia Rules of Hazardous Site Response (Rules) Section 391-3-19-.07 whereupon the Environmental Covenant may be amended or revoked in accordance with Section 391-3-19-08(7) of the Rules and O.C.G.A. § 44-16-1 *et seq*.

10. Severability. If any provision of this Environmental Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

11. No Property Interest Created in EPD. This Environmental Covenant does not in any way create any interest by EPD in the Property that is subject to the Environmental Covenant. Furthermore, the act

of approving this Environmental Covenant does not in any way create any interest by EPD in the Property in accordance with O.C.G.A. § 44-16-3(b).

Representations and Warranties.

Grantor hereby represents and warrants to the other signatories hereto:

a) That the Grantor has the power and authority to enter into this Environmental Covenant, to grant the rights and interests herein provided and to carry out all obligations hereunder;
b) That the Grantor is the sole owner of the Property and holds fee simple title which is free, clear and unencumbered;
c) That the Grantor has identified all other parties that hold any interest (e.g., encumbrance) in the Property and notified such parties of the Grantor's intention to enter into this Environmental Covenant;
d) That this Environmental Covenant will not materially violate, contravene, or constitute a material default under any other agreement, document or instrument to which Grantor is a party, by which Grantor may be bound or affected;
e) That the Grantor has served each of the people or entities referenced in Activity 8 above with an identical copy of this Environmental Covenant in accordance with O.C.G.A. § 44-16-4(d).
f) That this Environmental Covenant will not materially violate or contravene any zoning law or other law regulating use of the Property; and
g) That this Environmental Covenant does not authorize a use of the Property that is otherwise prohibited by a recorded instrument that has priority over the Environmental Covenant.

Notices.

Any document or communication required to be sent pursuant to the terms of this Environmental Covenant shall be sent to the following persons:

Georgia Environmental Protection Division
Branch Chief
Land Protection Branch
2 Martin Luther King Jr. Drive SE
Suite 1054 East Tower
Atlanta, Georgia 30334

PM Ltd.
Wright Management, Inc.
c/o SunTrust Bank, Agent
Privately Held Investments
303 Peachtree Street, Suite 2600
Atlanta, Georgia 30308

Grantor has caused this Environmental Covenant to be executed pursuant to The Georgia Uniform Environmental Covenants Act, on the _____ day of _____, 2015.

GRANTOR:

Signed, sealed and delivered in the presence of:

The Fulton County Board of Education

By: _____
Name: _____
Title: _____

_____
Unofficial Witness

_____
Notary Public

My Commission Expires:

_____
Notary Seal

WITNESS:

By: _____
Name: _____

Dated: _____

GRANTEE/HOLDER:

Signed, sealed and delivered in the presence of:

PM LTD.

By: _____
Name: _____
Title: _____

_____
Unofficial Witness

_____
Notary Public

My Commission Expires:

_____
Notary Seal

WITNESS:

By: _____
Name: _____

Dated: _____

GRANTEE/ENTITY WITH EXPRESS POWER TO ENFORCE:

Signed, sealed and delivered in the presence of:

STATE OF GEORGIA, DEPARTMENT OF RESOURCES, ENVIRONMENTAL PROTECTION DIVISION

By: _____

Name: _____

Title: _____

_____
Unofficial Witness

WITNESS:

_____
Notary Public

By: _____

My Commission Expires: Name: _____

_____ Dated: _____
Notary Seal

EXHIBIT A

LEGAL DESCRIPTION

[TO BE ADDED ONCE SEPARATE PARCEL IS ESTABLISHED.]

EXHIBIT B
Area Map