

September 8, 2015

Mr. Jeff Cown
Chief Land Protection Branch
Suite 1054
2 Martin Luther King, Jr. Dr.
Atlanta, Georgia 30334

RE: Voluntary Investigation and Remediation Plan and Application
Dettelbach Pesticide Warehouse Site
HSI Number 10612

Dear Mr. Cown:

On behalf of Rollins, Inc., Joe Tanner and Associates is submitting this Voluntary Investigation and Remediation Plan (VIRP) and application for the Dettelbach Pesticide Warehouse, HSI Site No. 10612.

The application fee of \$5,000 is also enclosed.

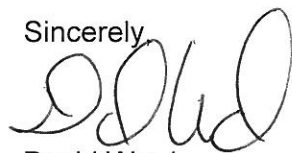
Gary Rogers is the Rollins, Inc. project manager for this site. His phone number is 404-888-2831.

EarthCon Consultants, Inc. prepared the VIRP and application. Kristen Rivera is the professional geologist and has certified the VIRP. Her phone number is 770-973-2100, ext. 2860. Kristen is the primary contact for questions, should you have any, on the plan and application.

David Word is the professional engineer with Joe Tanner and Associates and is the independent engineer with oversight of the project. His phone number is 404 659-4663.

We appreciate your review and approval of this project.

Sincerely,



David Word

cc: Gary Rogers
Kristen Rivera

**VOLUNTARY INVESTIGATION AND REMEDIATION PLAN
DETTELBACH PESTICIDE WAREHOUSE SITE
1251 PARK AVENUE
ATLANTA (BROOKHAVEN), DEKALB COUNTY, GEORGIA
HSI SITE NUMBER 10612**

PREPARED FOR:

**ROLLINS, INC.
2170 PIEDMONT ROAD, N.E.
ATLANTA, GEORGIA, 30324**

PREPARED BY:

**EARTHCON CONSULTANTS, INC.
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770-973-2100**

EarthCon Project No. 02.20140272.00

SEPTEMBER 2015

VOLUNTARY INVESTIGATION AND REMEDIATION PLAN

**Dettelbach Pesticide Warehouse Site
1251 Park Avenue
Atlanta (Brookhaven), DeKalb County, Georgia
HSI Site Number 10612**

Prepared For:

**Rollins, Inc.
2170 Piedmont Road, N.E.
Atlanta, Georgia, 30324**

SEPTEMBER 2015

A handwritten signature in blue ink that reads "Kristen Rivera".

Kristen R. Rivera, P.G.
Senior Geologist



Registration No. 2049
State of Georgia

Date: September 8, 2015

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1.0 INTRODUCTION

The Dettelbach Pesticide Warehouse (DPW) property, located at 1251 Park Avenue in Atlanta (Brookhaven), DeKalb County, Georgia, is listed on the Georgia Environmental Protection Division's (EPD) Hazardous Site Inventory (HSI) as HSI Site #10612. The Apple Valley Associates (AVA) property, located adjacent and to the east of the DPW property, is sublisted under HSI Site #10612. The DPW and AVA properties, which are collectively known as the DPW Site, are located at the intersection of Apple Valley Road and Sunland Drive (33° 51.778' N, 84° 20.243' W) in a mostly residential area with some light industrial and commercial use (Figure 1). The site is bounded to the west by Norfolk Southern and MARTA rail lines and to the east by the Ashford Park residential community. The site is bounded to the north by Park Avenue with residential homes across the street and a multi-use commercial office building to the south. The DPW Site is owned by Rollins, Inc. (Rollins).

This Voluntary Investigation and Remediation Plan (VIRP) has been prepared to meet requirements outlined in the Georgia Voluntary Remediation Program Act (VRPA). The VRPA went into effect on June 1, 2009 and Georgia EPD began accepting applications to the Voluntary Remediation Program (VRP) on January 6, 2010. The VIRP Application Form and Checklist are provided in Appendix A. The Warranty Deed is provided in Appendix B and the Tax Plat showing the DPW site, surrounding properties and tax parcel identification numbers, along with property owner information, are provided in Appendix C.

2.0 SITE SUMMARY

The DPW Site covers approximately three acres. Rollins purchased the AVA property from Apple Valley Associates, LLC on October 4, 2010. Historically the DPW and AVA properties have been identified as Tracts One through Five. Tract One is the undeveloped AVA parcel north of Tract Four. Tract Two is the DPW property. Tract Three is a small AVA parcel separating Tracts Two and Four. Tract Four is the AVA parcel which contained the former Mexican Consulate and Tract Five is the undeveloped AVA parcel south of Tract Four. The site layout is shown on Figure 2

The DPW property formerly consisted of a warehouse in the central portion of the property and maintenance shed on the northern portion of the property. Pesticides were formulated and packaged from the 1940s through the early 2000s, when the buildings were demolished. The property currently consists of gravel with vegetation along the perimeter fence.

The DPW property is located topographically upgradient of the AVA parcels. It appears that organochlorine pesticides from the DPW property migrated through surface runoff and impacted portions of the downgradient AVA parcels. The DPW property was listed on the HSI in February 2000 due to a release of dieldrin in soil. AVA Tract Four, located at 2600 Apple Valley Road, was sublisted as part of HSI No. 10612 in February 2000. This property was leased by the Mexican Consulate from 1999 through approximately 2008. The property currently consists of a vacant single-story building (former Mexican Consulate) and parking lot, with vegetated areas to the north and south.

The following is a summary of previous environmental investigations conducted at the subject properties:

- A HSRA release notification was submitted to EPD on May 25, 1999 for a vacant lot adjacent to Tract Five for concentrations of 4,4'-DDT, 4,4'-DDE, 4,4'-DDD and dieldrin in soil above notification criteria;
- A HSRA release notification was submitted to EPD on July 9, 1999 for the former Mexican Consulate property (Tract Four) for concentrations of 4,4'-DDT, 4,4'-DDE, 4,4'-DDD and dieldrin in soil above notification criteria;
- EPD performed two inspections in July 1999 and identified the source of pesticides in soil as the DPW property located adjacent and upgradient to Tracts Four and Five;
- February 14, 2000 EPD listed the DPW property as HSI Site No. 10612 for the release of dieldrin to soil above a reportable quantity;
- EPD issued a CSR call-in letter to responsible parties on November 30, 2000;
- A CSR was submitted to EPD on December 8, 2001 stating that soils were not in compliance with any type risk reduction standards (RRS);
- In April 2001, approximately 666 cubic yards of pesticide contaminated soil was excavated from Tracts Four and Five;
- In June 2002, pesticide impacted soils were removed from Tracts One and Three;
- In March 2003, approximately 370 cubic yards of pesticide impacted soils were removed from Tract Four;
- Additional soil sampling and delineation was conducted in July 2004;
- From April 2008 to January 2009, approximately 1,600 cubic yards of pesticide impacted soil was removed from Tract Four.

3.0 CONSTITUENTS/AREAS OF CONCERN

Soils on the DPW property have been impacted by releases of organochlorine pesticides during active operations of the pesticide warehouse. The DPW property is located topographically upgradient of the AVA parcels. Through surface runoff, constituents of concern (COCs) from the DPW property migrated and impacted portions of the downgradient AVA parcels.

3.1 Groundwater Constituents of Concern

Matrix Engineering collected groundwater samples in March 1999 from two temporary monitoring wells installed on the eastern and western edges of the southern portion of the AVA Tract Four parcel (former Mexican Consulate). Laboratory analytical results indicated that site COCs were not present at concentrations above detection limits (Appendix D). Additionally, a groundwater sample was collected in June 2009 from a monitoring well installed on the north side of the former Mexican Consulate building. Laboratory analytical results confirmed that site COCs were not present at concentrations above detection limits (Appendix D). Therefore, pesticide concentrations documented in soil on the DPW property, as well as historical concentrations in soils previously removed from AVA parcels, have not impacted groundwater.

3.2 Soil Constituents of Concern

Previous soil investigations and subsequent excavations on the AVA property were not coordinated with investigations on the DPW property. Therefore, additional soil investigations of the two properties were conducted from June to August 2014 to determine the horizontal and vertical extent of COCs in soil for the DPW Site as a whole.

From June 30 through August 27, 2014, EarthCon Consultants, Inc. (EarthCon) conducted a soil investigation at the DPW and AVA properties. Approximately 187 soil samples (including duplicates) were collected from 71 soil borings at designated discrete intervals. The intent of the soil boring locations was to investigate and delineate potential source material on the DPW property, investigate and delineate preferential pathways for overland flow and migration of contaminants, and verify whether previously excavated areas of Tract Four (former Mexican Consulate) had been recontaminated.

3.2.1 Field Activities - June through August 2014

Prior to site mobilization, a surveyor located and marked the proposed soil boring locations. A private utility locator service was used, in conjunction with 811/Call Before You Dig, to identify and mark existing underground utilities.

From June 30 to July 2, 2014, 51 direct-push and hand-auger borings (SB-17, SB-20/SB-61, SB-24/SB-62, SB-46 to SB-50) were installed at locations shown on Figure 3. Continuous soil cores were collected in five-foot acetate sleeves and soil samples were collected from multiple depth intervals at each boring location. Depth intervals were determined based on previous analytical data or excavation depths, or based on visual observation of the soil core. Soil samples from throughout the soil column were collected. Soil sample depths are shown on the boring logs presented in Appendix E.

Soil samples were collected consistent with HSRA guidance and in general accordance with the EPA Region 4 Science and Ecosystem Support Division's (SESD) *Soil Sampling Operating Procedure* (SESDPROC-300-R2, December 2011). Soil was collected from a specific depth interval of each boring from the sleeve using a stainless steel spoon, placed in an aluminum foil lined stainless steel bowl, homogenized, and placed in 4-ounce wide mouth jars. The sample jars were labeled and placed in a cooler on ice. Stainless steel spoons and bowls, as well as drive tips and auger buckets were decontaminated after each boring using a solution ofalconox and distilled water, brushing clean, and rinsing with distilled water. Samples were delivered to NELAC-certified Analytical Environmental Services, Inc. (AES) in Norcross, Georgia and analyzed for pesticides using EPA Method 8081A.

On July 2, 2014, the groundwater monitoring well located in the concrete area on the north side of the former Mexican Consulate building was abandoned in general accordance with the Georgia Water Well Standards Act of 1985 and EPA Region 4 SESD's *Design and Installation of Groundwater Monitoring Wells* (SESDGUID-101-R1, January 2013) guidance document. The

casing was removed to approximately 12 inches below ground surface (bgs). The screen and riser were tremie grouted with a 30 percent solids bentonite grout. The remaining riser was grouted with a cement grout. Cement was used to fill in the remaining annular space to match the elevation of the concrete area and completed with a smooth finish.

Analytical results from the June/July 2014 soil sampling event indicated additional samples were necessary to complete horizontal and vertical delineation of pesticides in soil. On August 27, 2014, 20 additional soil samples were collected from six direct push and hand auger borings (SB-61 through SB-66). Soil borings SB-61, SB-62, SB-63, and SB-65 were installed in the same locations as soil borings SB-20, SB-24, SB-31, and SB-50, respectively, and resampled to establish vertical delineation (Figure 3). Boring locations were measured from the existing site survey. The soil samples were collected following the procedures described above and were analyzed by AES for pesticides using EPA Method 8081A.

3.2.2 Soil Constituents of Concern

During the June through August 2014 soil investigations, a total of 187 soil samples collected from 71 boring locations were analyzed for pesticides by EPA Method 8081A. The following HSRA regulated substances were present above laboratory detection limits:

- 4,4'-DDD
- Aldrin
- Endrosulfan I
- Heptachlor
- 4,4'-DDE
- Chlordane
- Endrin
- Heptachlor epoxide
- 4,4'-DDT
- Dieldrin
- gamma-BHC

3.3 Areas of Concern

Based on the extensive soil sampling performed across the properties, the following areas of concern were identified:

- **DPW Property:** The DPW property covers approximately 0.74 acres and formerly consisted of a warehouse in the central portion of the property and maintenance shed on the northern portion of the property. Pesticides were formulated and packaged from the 1940s through early 2000s, when the buildings were demolished. The property currently consists of gravel with vegetation along the perimeter fence.
- **Tract Five:** Tract Five is approximately 0.6 acres and is an undeveloped, wooded lot. It is located south of the DPW property and east and adjacent to the Norfolk Southern and MARTA rail lines.

Based on additional soil sampling conducted from June through August 2014, areas on the AVA parcels where pesticide contamination had previously been excavated were confirmed to be in

compliance with Type 1 RRS. Therefore, contamination is limited to the DPW property and a small area on Tract Five.

4.0 SUMMARY OF 2014 SOIL INVESTIGATION RESULTS

Table 1 provides a summary of soil analytical results for the June through August 2014 soil sampling, along with delineation criteria. Laboratory data sheets are provided in Appendix F. Results are shown on Figures 4 and 5. RRS criteria were developed for regulated substances detected in soil at the property during the June through August 2014 soil sampling events. RRS were calculated following Section 391-3-19-.07 of Georgia's Rules for Hazardous Site Response. Table 2 provides a summary of the Type 1, Type 3, and Type 4 RRS. The evaluation and supporting documentation for the RRS are presented in Appendix G.

4.1 Residential Risk Reduction Standards for Soil

Type 1 RRS were calculated for the 11 COCs present above detection limits in soil. To simplify the determination of Type 1 RRS for the organic constituents, an evaluation of soil leaching to groundwater was not conducted. The following table summarizes the Type 1 RRS for soil applicable to the subject site along with the maximum concentration of each substance:

Regulated Substance	Type RRS	RRS Concentration (mg/kg)	Maximum Concentration (mg/kg)
4,4'-DDD	1	0.66	780
4,4'-DDE	1	0.66	20
4,4'-DDT	1	0.66	210
Aldrin	1	0.66	0.0052
Chlordane	1	9.2	500
Dieldrin	1	0.66	76
Endrosulfan I	1	10	0.0029
Endrin	1	10	0.08
gamma-BHC	1	0.66	0.091
Heptachlor	1	0.66	4.5
Heptachlor epoxide	1	1.64	34

Of the 11 COCs, four comply with the Type 1 RRS. The remaining COCs were compared to the Type 1 RRS (delineation criteria) to determine whether delineation had been achieved. Horizontal delineation was achieved on the DPW and AVA properties (Figure 4). Additionally, soil samples collected from the AVA property Tracts One and Four (former Mexican Consulate) are in compliance with the residential Type 1 RRS, including the soil sample collected from boring location SB-60 located east across Apple Valley Road on an offsite residential property (Figure 4).

Vertical delineation was achieved at all boring locations, with the exception of SB-20/SB-61. Vertical delineation is shown on the cross sections. Cross-section locations are shown on Figure 6 while the cross sections are presented on Figures 7 through 9. Boring SB-20/SB-61, located on Tract Three behind the retaining wall of the former Mexican Consulate building, was advanced to five feet bgs when refusal was encountered. Soil samples collected from borings in the vicinity and surrounding SB-20/SB-61 were vertically delineated.

4.2 Non-residential Risk Reduction Standards for Soil

Seven COCs, including 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, chlordane, dieldrin, heptachlor, and heptachlor epoxide, were further evaluated to determine whether compliance could be certified using non-residential Type 3 or 4 RRS. The Type 4 RRS, based on the RAGS Part B equations, were calculated using the default non-residential exposure parameters specified in EPA's guidance document titled "Frequently Asked Questions about Site Cleanups" (Revised August 1995). Type 4 leaching to groundwater criteria included in Appendix G, were calculated for use in determining the soil screening level protective of the groundwater standard. Constituents detected above residential RRS are localized to a small area of less than a ½ acre and soil contaminants have not leached to groundwater; therefore, a dilution attenuation factor of 20 was used for the soil leaching calculations. Default parameters for the leaching calculation and the Kd value were obtained from Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites (EPA 2002). The physical/chemical parameters were obtained from the EPA RSL Chemical Specific Parameters Table (updated June 2015), unless otherwise noted.

The following table summarizes the non-residential RRS for soil along with the maximum concentration of each substance. The calculations used to generate these standards are included in Appendix G.

Regulated Substance	Type RRS	RRS Concentration (mg/kg)	Maximum Concentration (mg/kg)
4,4'-DDD	4	56.1	780
4,4'-DDE	4	39.6	20
4,4'-DDT	4	56.8	210
Chlordane	4	11.1	500
Dieldrin	4	0.14	76
Heptachlor	4	1.05	4.5
Heptachlor epoxide	3	1.65	34

Laboratory analyses of soil samples collected from the DPW property and Tracts Three and Five of the AVA property indicated the presence of 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, chlordane, dieldrin, heptachlor, and heptachlor epoxide at concentrations above Types 1, 3, and 4 RRS. Horizontal delineation with respect to Type 3 or Type 4 RRS is shown on Figure 5. The COCs in soil above the Type 3/4 RRS appear to be limited to a vertical depth of approximately five feet bgs.

5.0 PRELIMINARY CONCEPTUAL SITE MODEL

The DPW Site is located in a mostly residential area with light industrial and commercial uses. Therefore, the primary route of exposure to site COCs would be through direct contact and inhalation and/or ingestion of pesticide impacted soil particulates. The contamination has been delineated and remains onsite on the DPW property and Tracts Three and Five of the AVA property. The DPW property is secured with a chain link fence and locked. AVA Tracts Three and Five have unlimited access.

5.1 Regional Geology and Hydrology

The DPW Site is located in the Winder Slope District of the Georgia Piedmont Physiographic Province (Clark and Zisa, 1976) and is underlain by the Lithonia Gneiss (Higgins, 2003). Numerous episodes of deformation have produced varying degrees of metamorphism, folding, and shearing in the underlying rock. The resulting metamorphic rock types in this area of the Piedmont are metagranites and granitic gneisses that make up the Lithonia Gneiss. Approximately 40 to 50% of the rock type in the Atlanta quadrangle is composed of a light-gray to grayish-white, medium grained, poorly foliated, metagranite that is cut by numerous pegmatite and aplite dikes and sills (Higgins, 2003). The remaining portion of the rock in this area is characterized as a light-gray to whitish-gray, medium-grained muscovite-biotite-microcline-oligoclase-quartz gneiss with well-defined, contorted, generally 3 mm - 1 cm thick gneissic layering known as the Mount Arabia Migmatite (Higgins, 2003). The characteristic soil profile of this area can generally be divided into three zones: 1. An upper zone near the ground surface consisting of red clays and brown clayey silts which have been subject to increased weathering; 2. An intermediate zone of less weathered light-whitish-yellow sandy silty soils; and 3. Saprolite or partially weathered rock (PWR) where the mineralogy, texture and banded appearance replicates the structure of the original rock.

The Winder Slope District is comprised of numerous dome-shaped granitic mountains, such as Stone Mountain, located along narrow, rounded stream divides. The gently rolling topography of the Winder Slope District is dissected by headwater tributaries of major regional streams. The streams in the area of the DPW Site flow toward tributaries of the Chattahoochee River. However, there are few surface water bodies in the immediate vicinity of the property due to the heavy urbanization of the City of Atlanta (Brookhaven). Most storm water is captured by storm sewers and managed by the City of Atlanta storm water sewer system. The closest surface water body is a tributary to the North Fork Peachtree Creek, located approximately 0.25 miles southeast of the property (Figure 1).

5.2 Site Geology and Hydrogeology

Site stratigraphy is presented on cross sections A-A' through C-C'. The cross-section locations are shown on Figure 6 while the cross sections are presented on Figures 7 through 9. Soils encountered during the 2014 investigations consisted of light brown to orange micaceous silty sands found consistently throughout the upper few feet of the soil borings. The lithology transitions with depth to a light-gray soft sand then to PWR. Approximately 40 borings encountered native soils or

PWR at depths ranging as shallow as 6 feet to 15 feet bgs. The soil descriptions are provided on the boring logs presented in Appendix E.

Historical topographic maps show a significant elevation drop and a ravine on the north end between the DPW property and Tract Four (the former Mexican Consulate). Field observations indicate the native soils had been managed onsite through grading and earth work to change the topography of the land to suit building purposes. This is evident in soil boring SB-07 where an organic layer was encountered at approximately 10 feet bgs followed immediately by PWR at 11.5 feet bgs.

Groundwater in the Piedmont typically occurs under unconfined or semi-confined aquifer conditions. The groundwater table in the Piedmont generally reflects surface topography. Borings located on Tract Four (the former Mexican Consulate) encountered saturated soil conditions at depths ranging from 12 to 15 feet bgs. Saturated soils were not encountered in the soil borings on the DPW property, which is located at a higher elevation than Tract Four.

5.3 Extent of Soil and Groundwater Impacts

Type 1 RRS for site COCs were used to determine the extent of soil impacts (Table 1). COCs have been horizontally delineated to Type 1 RRS on the DPW and AVA properties (Figure 4). Average vertical delineation depth of site COCs to Type 1 RRS is three feet bgs with some areas having impacts down to approximately six feet bgs. Vertical delineation was not achieved at boring location SB-20/SB-61 located on Tract Three behind the retaining wall of the former Mexican Consulate building. Refusal was encountered at five feet bgs during soil boring installation and sampling, which was most likely due to the retaining wall footing. Soil boring SB-24/SB-62, located approximately 50 feet south of SB-20/SB-61 and behind the retaining wall, was advanced to seven feet bgs before encountering refusal. The topography slopes to the south toward the location of SB-24/SB-62 where the footing of the retaining wall is at a greater depth. Vertical delineation at SB-24/SB-62 was achieved at the four foot depth interval. Additionally, the data collected from other soil borings located in this area show vertical delineation between four and six feet bgs.

Matrix Engineering collected groundwater samples on March 29, 1999, from two temporary groundwater monitoring wells installed on the eastern and western edges of the southern portion of the AVA Tract Four parcel (former Mexican Consulate). Laboratory analytical results indicated that site COCs were not present at concentrations above detection limits (Appendix D). Additionally, Conestoga-Rovers & Associates (CRA) oversaw the installation of a monitoring well on the north side of the former Mexican Consulate building on Tract Four on May 9, 2009. The well was installed approximately 15 feet from the building's foundation, near soil boring SB-16. Analytical results for a groundwater sample collected on June 3, 2009, confirmed that site COCs were not present at concentrations above detection limits (Appendix D). Therefore, pesticide concentrations documented in soil on the DPW property, as well as historical concentrations in soils previously removed from the AVA parcels, have not impacted groundwater.

5.4 Identification of Potential Receptors

Human Receptors

Potential human receptors to current COCs at the site include: the child and adult resident; the trespasser; the future site worker; and the future construction worker through potential exposure routes including direct contact and inhalation and/or ingestion of pesticide impacted soil particulates.

Ecological Receptors

Information on the location of special concern animals, plants, and natural communities for DeKalb County, Georgia, was obtained from the Georgia Department of Natural Resources, Wildlife Resources Division website on October 7, 2014. The report is provided in Appendix H. Four animal species including the Chattahoochee Crayfish (crustacean), Piedmont Blue Burrower (crustacean), Altamaha Shiner (fish), and Delicate Spike (mollusk) are identified as animals of special concern. Twenty-one plant species are identified as plant species of special concern. The Piedmont Mesic Hardwood Forest (*Pd mesic broadleaf decid. forest*) is also listed as a known occurrence of special concern for a natural community. None of the animal or plant species are believed to be present at the DPW Site due to the description of corresponding habitats and the developed nature of the DPW Site and surrounding property, as well as the site's location in a highly urbanized area within the City of Atlanta (Brookhaven).

Surface Water

Surface water at the site flows from the DPW property to the east via overland flow that diverges around the northern and southern ends of Tract Four (the former Mexican Consulate), flows across the parking lot, and discharges into several storm sewers located along Apple Valley Road and Sundance Drive. The closest surface water body is a tributary to North Fork Peachtree Creek located approximately 0.25 miles south/southeast from the site (Figure 1). In the event the pesticides moved with surface runoff water, they would likely adsorb to soil particulates and become immobile. COCs have been delineated to Type 1 RRS, which demonstrates the lack of migration through overland flow.

6.0 REMEDIATION PLAN

Corrective action for soils will be focused on achieving compliance with applicable RRS. The DPW Site was listed on the HSI in February 2000 due to a release of dieldrin in soil exceeding a reportable quantity. The Site was not listed on the HSI as a result of a release to groundwater exceeding a reportable quantity. Additionally, the 1999 and 2009 groundwater samples collected and analyzed for organochlorine pesticides resulted in concentrations below laboratory reporting limits (Appendix D). This demonstrated that a release exceeding a reportable quantity for groundwater does not exist at the Site. Therefore, in accordance with Section 12-8-107(g)2 of the VRPA, Rollins is not required to perform corrective action or to certify compliance for groundwater.

6.1 Excavation

Soils at the DPW property do not comply with applicable cleanup standards. Therefore, Rollins will implement a corrective action strategy that uses a combination of both excavation and engineering/institutional controls (Figure 10). Excavation will focus on the area on the southern portion of the DPW property and on Tract Five. The estimated volume of soils to excavate to achieve compliance with residential RRS is 600 cubic yards, centered on borings SB-64 and SB-50/SB-65. An estimated 10 confirmation soil samples will be collected at appropriate intervals based on the size of the excavation area to confirm that the soil remaining in place is in compliance with residential RRS. Excavated soils will be staged on plastic and composite samples will be collected for waste characterization prior to offsite disposal. Clean backfill will be used to restore the ground surface to pre-excavation conditions.

6.2 Engineering Control

The engineering control consists of capping the DPW property with a material that would serve as an impermeable barrier to prevent impacted soils from leaving the site. Capping the DPW property will also eliminate the potential for contaminants to leach, as well as eliminate the potential exposure route to human receptors. The cap will be designed and engineered to have the durability and strength to support a parking lot. Cap installation will include the following tasks:

- Install silt fencing around the perimeter of the area to be affected by construction;
- Clear and grub the southern, wooded portion of the property;
- Grade the property;
- Install a concrete curb and gutter to control and direct overland flow;
- Install 3-inch thick asphalt paving with a 6-inch stone base and a 6-inch compacted clay layer below asphalt.

A geosynthetic clay liner (GCL) will be used over the area comprising Tract Three. GCL is a liner comprised of a layer of low-permeability sodium bentonite (clay) combined with geotextile or polymer geomembranes (Appendix J). GCLs have been shown to outperform and are more durable than several feet of compacted clay while maintaining a total thickness of <0.25 inch. A GCL comes in a roll and is installed by rolling the liner over the ground surface, secured through trenching, with a final cover soil spread over the GCL. Grass seed may be planted on the soil cover to reduce erosion. The topography of Tract Three slopes to the east toward Tract Four and will be graded to direct overland flow.

The corrective action will require site access agreements from Norfolk Southern as impacted areas along the western edge of the property fall within the 25-foot right-of-way (ROW) for the rail lines. Norfolk Southern requires that any work occurring within the ROW be approved prior to start to ensure the safety of field crews and to inform rail operators of ongoing work in the vicinity of the rails. Site access agreements may take up to 90 days to complete. Other permits associated with the corrective action include land disturbance, storm water, and tree removal.

6.3 Restrictive Covenant

An institutional control in the form of an environmental covenant restricting the DPW property to non-residential use will be executed since soil contamination exceeding residential RRS will be left in place. Rollins will execute a covenant in conformance with the Georgia Environmental Covenants Act (O.C.G.A. § 44-16-1) restricting the property to non-residential use only.

6.4 Preliminary Cost Estimate

The preliminary cost estimate for the remediation plan is approximately \$387,200. This includes excavation and disposal of soils from the south DPW property and Tract Five, permitting/design costs, cap installation, and execution of the environmental covenant.

6.5 Conclusion of Corrective Action

Upon completion of corrective action, a VRP CSR will be prepared confirming consistency of the corrective action with the provisions, purposes, standards, and policies of the VRPA and certifying compliance of the properties with the applicable cleanup standards.

7.0 REPORTING

Semi-annual status reports will be submitted to EPD and will include a summary of the progress and implementation of the VIRP and an updated conceptual site model (CSM), if warranted. The projected milestone schedule will also be updated to show progress on VIRP objectives.

A VRP CSR will be prepared for submittal to the EPD at the conclusion of corrective action. The CSR will document the completion of the corrective action specified in the VIRP and certify compliance with applicable cleanup standards.

8.0 SCHEDULE

A project schedule for activities described in this VIRP is provided in Table 3. The actual date for the start of work outlined in the schedule will depend upon EPD approval of the VIRP. The schedule will be updated to reflect the actual approval date.

TABLES

TABLE 1: SOIL ANALYTICAL RESULTS WITH DELINEATION CRITERIA

			Regulated Substance: Organochlorine Pesticides (mg/Kg)										
			4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	Chlordane	Dieldrin	Endosulfan I	Endrin	gamma-BHC	Heptachlor	Heptachlor Epoxide
Delineation Criteria (mg/Kg)			0.66	0.66	0.66	0.66	9.2	0.66	10	10	0.66	0.66	1.64
Location	Depth	Date											
SB-01	0-2'	7/1/14	<0.0037	<0.0037	<0.0037	<0.0018	<0.037	<0.0037	<0.0018	<0.0037	<0.0018	<0.0018	<0.0018
	4.5-5.5'	7/1/14	<0.0039	<0.0039	<0.0039	<0.002	<0.039	<0.0039	<0.002	<0.0039	<0.002	<0.002	<0.002
SB-02	0-2'	7/1/14	<0.0041	<0.0041	<0.0041	<0.0021	<0.041	<0.0041	<0.0021	<0.0041	<0.0021	<0.0021	<0.0041
	4.5-5.5'	7/1/14	<0.0041	<0.0041	<0.0041	<0.002	<0.041	<0.0041	<0.002	<0.0041	<0.002	<0.002	<0.002
SB-3	0-2'	6/30/14	<0.0079	<0.0079	<0.0079	<0.004	0.13	<0.0079	<0.004	<0.0079	<0.004	<0.004	<0.004
	4.5-5.5'	6/30/14	<0.0039	<0.0039	<0.0039	<0.002	<0.039	<0.0039	<0.002	<0.0039	<0.002	<0.002	<0.002
	10-11'	6/30/14	<0.0038	<0.0038	<0.0038	<0.0019	<0.038	<0.0038	<0.0019	<0.0038	<0.0019	<0.0019	<0.0019
SB-4	0-2'	6/30/14	<0.0078	<0.0078	<0.0078	<0.0039	0.4	<0.0078	<0.0039	<0.0078	<0.0039	<0.0039	<0.0039
	4.5-5.5'	6/30/14	<0.0039	<0.0039	<0.0039	<0.002	<0.039	<0.0039	<0.002	<0.0039	<0.002	<0.002	<0.002
	10-11'	6/30/14	<0.0038	<0.0038	<0.0038	<0.0019	<0.038	<0.0038	<0.0019	<0.0038	<0.0019	<0.0019	<0.0019
SB-5	0-2'	6/30/14	<0.370	<0.370	<0.370	<0.190	11	<0.370	<0.190	<0.370	<0.190	<0.190	<0.190
	4.5-5.5'	6/30/14	<0.0039	<0.0039	<0.0039	<0.002	<0.039	<0.0039	<0.002	<0.0039	<0.002	<0.002	<0.002
	10-11'	6/30/14	<0.0037	<0.0037	<0.0037	<0.0019	<0.037	<0.0037	<0.0019	<0.0037	<0.0019	<0.0019	<0.0019
SB-6	0-2'	6/30/14	0.018	<0.039	0.18	<0.002	2.1	0.0052	<0.002	<0.0039	<0.002	<0.002	<0.002
	4.5-5.5'	6/30/14	<0.004	<0.004	<0.004	<0.002	<0.04	<0.004	<0.002	<0.004	<0.002	<0.002	<0.002
	10-11'	6/30/14	<0.0039	<0.0039	<0.0039	<0.0019	<0.039	<0.0039	<0.0019	<0.0039	<0.0019	<0.0019	<0.0019
SB-07	0-2'	7/1/14	<0.0039	<0.0039	<0.0039	<0.002	<0.039	<0.0039	<0.002	<0.0039	<0.002	<0.002	<0.002
	4.5-5.5'	7/1/14	<0.004	<0.004	<0.004	<0.002	<0.04	<0.004	<0.002	<0.004	<0.002	<0.002	<0.002
SB-08	0-2'	7/1/14	<0.0042	<0.0042	<0.0042	<0.0021	<0.042	<0.0042	<0.0021	<0.0042	<0.0021	<0.0021	<0.0021
	4.5-5.5'	7/1/14	<0.004	<0.004	<0.004	<0.002	<0.04	<0.004	<0.002	<0.004	<0.002	<0.002	<0.002
SB-09	0-2'	7/1/14	0.0074	<0.0037	0.0055	<0.0018	<0.037	<0.0037	<0.0018	<0.0037	<0.0018	<0.0018	0.0024
	4.5-5.5'	7/1/14	<0.0045	<0.0045	<0.0045	<0.0022	<0.045	<0.0045	<0.0022	<0.0045	<0.0022	<0.0022	<0.0022
SB-11	0-2'	7/1/14	<0.0038	0.028	0.02	<0.0019	0.13	<0.0038	<0.0019	<0.0038	<0.0019	<0.0019	0.012
	4.5-5.5'	7/1/14	<0.0039	<0.0039	<0.0039	<0.002	<0.039	<0.0039	<0.002	<0.0039	<0.002	<0.002	<0.002
SB-12	0-2'	7/1/14	<0.0038	<0.0038	<0.0038	<0.0019	0.094	<0.0038	<0.0019	<0.0038	<0.0019	<0.0019	<0.0019
	4.5-5.5'	7/1/14	<0.0041	<0.0041	<0.0041	<0.002	<0.041	<0.0041	<0.002	<0.0041	<0.002	<0.002	<0.002
SB-14	0-2'	6/30/14	<0.370	<0.370	<0.370	<0.180	43	0.99	<0.180	<0.370	<0.180	1.9	<0.180
	4.5-5.5'	6/30/14	<0.004	<0.004	<0.004	<0.002	0.085	<0.004	<0.002	<0.004	<0.002	<0.002	<0.002
	10-11'	6/30/14	<0.0038	<0.0038	<0.0038	<0.0019	<0.038	<0.0038	<0.0019	<0.0038	<0.0019	<0.0019	<0.0019

Notes

Bold Detected at concentration above reporting limit

E Estimated (value above quantitation range)

Indicates concentration is above delineation criteria

TABLE 1: SOIL ANALYTICAL RESULTS WITH DELINEATION CRITERIA

			Regulated Substance: Organochlorine Pesticides (mg/Kg)										
			4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	Chlordane	Dieldrin	Endosulfan I	Endrin	gamma-BHC	Heptachlor	Heptachlor Epoxide
Delineation Criteria (mg/Kg)			0.66	0.66	0.66	0.66	9.2	0.66	10	10	0.66	0.66	1.64
SB-15	0-2'	6/30/14	<3.8	<3.8	<3.8	<1.9	170	<3.8	<1.9	<3.8	<1.9	4.5	<1.9
	5-6'	6/30/14	0.06	<0.04	0.094	<0.02	1.9	<0.04	<0.02	<0.04	<0.02	<0.02	<0.02
	11-12'	6/30/14	<0.0041	<0.0041	<0.0041	<0.0021	<0.041	<0.0041	<0.0021	<0.0041	<0.0021	<0.0021	<0.0021
	15-16'	6/30/14	<0.0038	<0.0038	<0.0038	<0.0019	<0.038	<0.0038	<0.0019	<0.0038	<0.0019	<0.0019	<0.0019
SB-16	0-2'	7/1/14	0.099	<0.078	<0.078	<0.039	7.1	0.15	<0.039	<0.078	<0.039	<0.039	<0.039
	4.5-5.5'	7/1/14	<0.0039	<0.0039	<0.0039	<0.002	0.043	<0.0039	<0.002	<0.0039	<0.002	<0.002	<0.002
	9.5-10.5'	7/1/14	<0.0039	<0.0039	<0.0039	<0.002	<0.039	<0.0039	<0.002	<0.0039	<0.002	<0.002	<0.002
SB-17	0-2'	7/2/14	<0.0035	<0.0035	<0.0035	<0.0018	<0.035	<0.0035	<0.0018	<0.0035	<0.0018	<0.0018	<0.0018
	2-4'	7/2/14	<0.0035	<0.0035	0.016	<0.0018	<0.035	<0.0035	<0.0018	<0.0035	<0.0018	<0.0018	<0.0018
SB-18	0-2'	7/1/14	<0.0039	<0.0039	<0.0039	<0.0019	0.23	0.029	<0.0019	<0.0039	<0.0019	<0.0019	<0.0019
	4.5-5.5'	7/1/14	<0.0038	<0.0038	<0.0038	<0.0019	<0.038	<0.0038	<0.0019	<0.0038	<0.0019	<0.0019	<0.0019
	9.5-10.5'	7/1/14	<0.0041	<0.0041	<0.0041	<0.0021	<0.041	<0.0041	<0.0021	<0.0041	<0.0021	<0.0021	<0.0021
	13-14'	7/1/14	<0.0042	<0.0042	<0.0042	<0.0021	<0.042	<0.0042	<0.0021	<0.0042	<0.0021	<0.0021	<0.0021
SB-19	0-2'	7/2/14	<0.037	<0.037	<0.037	<0.018	0.69	0.044	<0.018	<0.037	<0.018	<0.018	0.027
SB-20	0-2'	7/2/14	<0.360	<0.360	<0.360	<0.18	27	<0.360	<0.18	<0.360	<0.18	0.8	<0.18
SB-21	0-2'	6/30/14	<3.8	<3.8	<3.8	<1.9	150	<3.8	<1.9	<3.8	<1.9	<1.9	<1.9
	4-5'	6/30/14	<21	<21	<21	<11	410	<21	<11	<21	<11	<11	<11
	8.5-9.5'	6/30/14	<0.0045	<0.0045	<0.0045	<0.0022	<0.045	<0.0045	<0.0022	<0.0045	0.043	<0.0022	<0.0022
	14-15'	6/30/14	<0.0044	<0.0044	<0.0044	<0.0022	0.097	<0.0044	<0.0022	<0.0044	0.029	<0.0022	<0.0022
SB-22	0-2'	6/30/14	<0.038	<0.038	<0.038	<0.019	2.2	0.074	<0.019	<0.038	<0.019	<0.019	<0.019
	4-5'	6/30/14	<0.0038	<0.0038	0.0039	<0.0019	0.093	0.014	<0.0019	<0.0038	0.0061	<0.0019	<0.0019
	8.5-9.5'	6/30/14	<0.0037	<0.0037	<0.0037	<0.0019	<0.037	<0.0037	<0.0019	<0.0037	0.013	<0.0019	<0.0019
SB-24	0-2'	7/2/14	<0.077	<0.077	<0.077	<0.039	13	0.15	<0.039	<0.077	<0.039	0.077	<0.039
	2-4'	7/2/14	19	20	22	<1.9	400	76	<1.9	<3.9	<1.9	78 E	34
SB-25	1-2'	7/1/14	<0.0041	<0.0041	<0.0041	0.0052	0.33	0.016	<0.002	<0.0041	<0.002	<0.002	<0.002
	9.5-10.5'	7/1/14	<0.004	<0.004	<0.004	<0.002	<0.04	0.007	<0.002	<0.004	<0.002	<0.002	<0.002
SB-26	0-2'	7/1/14	<0.18	<0.18	0.22	<0.092	6.4	0.33	<0.092	<0.18	<0.092	<0.092	0.46
	4.5-5.5'	7/1/14	<0.004	<0.004	<0.004	<0.002	<0.04	<0.004	<0.002	<0.004	<0.002	<0.002	<0.002
SB-28	0-2'	7/1/14	<0.0044	<0.0044	<0.44	<0.0022	0.09	0.006	<0.0022	<0.0044	<0.0022	<0.22	<0.0022
	4-5'	7/1/14	<0.004	<0.004	<0.004	<0.002	<0.04	<0.004	<0.002	<0.004	<0.002	<0.002	<0.002

Notes

Bold Detected at concentration above reporting limit

E Estimated (value above quantitation range)

Indicates concentration is above delineation criteria

TABLE 1: SOIL ANALYTICAL RESULTS WITH DELINEATION CRITERIA

			Regulated Substance: Organochlorine Pesticides (mg/Kg)										
			4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	Chlordane	Dieldrin	Endosulfan I	Endrin	gamma-BHC	Heptachlor	Heptachlor Epoxide
Delineation Criteria (mg/Kg)			0.66	0.66	0.66	0.66	9.2	0.66	10	10	0.66	0.66	1.64
SB-29	0-2'	7/1/14	<0.04	<0.04	<0.04	<0.02	<0.4	<0.04	<0.02	<0.04	<0.02	<0.02	<0.02
	4.5-5.5'	7/1/14	<0.0041	<0.0041	<0.0041	<0.0021	<0.041	<0.0041	<0.0021	<0.0041	<0.0021	<0.0021	<0.0021
SB-30	0-2'	7/1/14	<0.0037	<0.0037	<0.0037	<0.0019	0.45	0.023	<0.0019	<0.0037	<0.0019	<0.0019	0.032
	4.5-5.5'	7/1/14	<0.0038	<0.0038	<0.0038	<0.0019	<0.038	<0.0038	<0.0019	<0.0038	<0.0019	<0.0019	0.0038
SB-31	0-2'	6/30/14	<3.8	<3.8	<3.8	<1.9	150	<3.8	<1.9	<3.8	<1.9	<1.9	<1.9
	4-5'	6/30/14	<0.039	<0.039	<0.039	<0.020	0.73	<0.039	<0.020	<0.039	<0.020	<0.020	<0.020
	9.5-11'	6/30/14	<0.2	<0.2	<0.2	<0.098	17	<0.2	<0.098	<0.2	<0.098	0.15	<0.098
SB-32	0-2'	6/30/14	<0.19	<0.19	<0.19	<0.097	15	<0.19	<0.097	<0.19	<0.097	<0.097	<0.097
	4-5'	6/30/14	<0.0039	<0.0039	<0.0039	<0.0019	0.063	0.0058	<0.0019	<0.0039	<0.0019	<0.0019	0.0022
	8.5-9.5'	6/30/14	<0.0037	<0.0037	<0.0037	<0.0019	0.11	0.0084	<0.0019	<0.0037	0.011	<0.0019	0.002
SB-33	0-2'	6/30/14	<0.2	<0.2	<0.2	<0.099	10	<0.2	<0.099	<0.2	<0.099	0.17	<0.099
	4-5'	6/30/14	0.0052	<0.0039	<0.0039	<0.002	0.28	<0.0039	<0.002	<0.0039	<0.002	0.0087	<0.002
	8.5-9.5'	6/30/14	<0.0039	<0.0039	<0.0039	<0.0019	<0.039	<0.0039	<0.0019	<0.0039	<0.0019	<0.0019	<0.0019
SB-34	0-2'	7/1/14	<0.0039	<0.0039	<0.0039	<0.002	<0.039	<0.0039	<0.002	<0.0039	<0.002	<0.002	<0.002
	4.5-5.5'	7/1/14	<0.004	<0.004	<0.004	<0.002	<0.04	<0.004	<0.002	<0.004	<0.002	<0.002	<0.002
SB-35	0-2'	7/1/14	<0.0038	<0.0038	<0.0038	<0.0019	<0.038	<0.0038	<0.0019	<0.0038	<0.0019	<0.0019	<0.0019
	4.5-5.5'	7/1/14	<0.0039	<0.0039	<0.0039	<0.0019	<0.039	<0.0039	<0.0019	<0.0039	<0.0019	<0.0019	<0.0019
SB-37	0-2'	7/1/14	<0.0036	0.006	<0.072	<0.0018	0.17	0.0058	<0.0018	<0.0036	<0.0018	<0.036	0.013
	4.5-5.5'	7/1/14	<0.004	<0.004	<0.004	<0.002	<0.04	<0.004	<0.002	<0.004	<0.002	<0.002	<0.002
SB-38	1-3'	7/1/14	<0.077	<0.077	<0.077	<0.039	<0.77	<0.077	<0.039	<0.077	<0.039	<0.039	<0.039
	5-6'	7/1/14	<0.0048	<0.0048	<0.0048	<0.0024	<0.048	<0.0048	<0.0024	<0.0048	<0.0024	<0.0024	<0.0024
SB-39	3-5'	7/1/14	<0.004	<0.004	<0.004	<0.002	<0.04	<0.004	<0.002	<0.004	<0.002	<0.002	<0.002
	5-6'	7/1/14	<0.0039	<0.0039	<0.0039	<0.0019	<0.039	<0.0039	<0.0019	<0.0039	<0.0019	<0.0019	<0.0019
SB-40	0-2'	7/1/14	<0.0039	<0.0039	<0.0039	<0.0019	<0.039	<0.0039	<0.0019	<0.0039	<0.0019	<0.0019	<0.0019
	4.5-5.5'	7/1/14	<0.0038	<0.0038	<0.0038	<0.0019	<0.038	<0.0038	<0.0019	<0.0038	<0.0019	<0.0019	<0.0019
SB-41	0-2'	6/30/14	<0.0039	<0.039	0.12	<0.002	2.2	0.041	<0.002	<0.0039	<0.002	0.0037	<0.002
	4-5'	6/30/14	<0.0039	0.004	<0.0039	<0.0019	0.24	0.065	<0.0019	<0.0039	<0.0019	<0.0019	<0.0019
	8.5-9.5'	6/30/14	<0.0038	<0.0038	<0.0038	<0.0019	<0.038	<0.0038	<0.0019	<0.0038	<0.0019	<0.0019	<0.0019
SB-42	0-2'	6/30/14	<0.750	<0.750	3	<0.038	5.3	<0.075	<0.038	<0.075	<0.038	<0.038	<0.038
	4-5'	6/30/14	<0.004	0.01	<0.004	<0.002	<0.04	<0.004	<0.002	<0.004	<0.002	<0.002	0.0051
	8.5-9.5'	6/30/14	<0.004	<0.004	<0.004	<0.002	<0.04	<0.004	<0.002	<0.004	<0.002	<0.002	<0.002

Notes

Bold Detected at concentration above reporting limit

E Estimated (value above quantitation range)

Indicates concentration is above delineation criteria

TABLE 1: SOIL ANALYTICAL RESULTS WITH DELINEATION CRITERIA

			Regulated Substance: Organochlorine Pesticides (mg/Kg)										
			4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	Chlordane	Dieldrin	Endosulfan I	Endrin	gamma-BHC	Heptachlor	Heptachlor Epoxide
Delineation Criteria (mg/Kg)			0.66	0.66	0.66	0.66	9.2	0.66	10	10	0.66	0.66	1.64
SB-44	0-2'	7/1/14	0.13	0.013	0.072	<0.002	0.15	<0.039	<0.002	<0.0039	<0.002	<0.002	<0.002
	4.5-5.5'	7/1/14	<0.0038	<0.0038	<0.0038	<0.0019	<0.038	<0.0038	<0.0019	<0.0038	<0.0019	<0.0019	<0.0019
SB-45	0-2'	7/1/14	<0.0038	<0.0038	<0.0038	<0.0019	<0.038	<0.0038	<0.0019	<0.0038	<0.0019	<0.0019	<0.0019
	4.5-5.5'	7/1/14	<0.02	<0.02	<0.02	<0.01	<0.2	0.063	<0.01	<0.02	<0.01	<0.01	<0.01
SB-46	0-2'	7/2/14	<0.0076	<0.0076	<0.0076	<0.0038	0.091	<0.0076	<0.0038	<0.0076	<0.0038	<0.0038	<0.0038
SB-47	0-2'	7/2/14	<0.0037	0.016	0.011	<0.0019	0.78	0.026	<0.0019	<0.0037	<0.0019	<0.0019	0.035
SB-48	0-2'	7/2/14	<0.0073	0.0073	<0.0073	<0.0036	0.56	0.017	<0.0036	<0.0073	<0.0036	<0.0036	0.025
SB-49	0-2'	7/2/14	<0.038	0.053	0.085	<0.019	1.4	0.16	<0.019	<0.038	<0.019	<0.019	0.056
SB-50	0-1'	7/2/14	97	<7.5	210	<3.8	140	<7.5	<3.8	<7.5	<3.8	<3.8	<3.8
SB-51	0-2'	7/1/14	<0.0038	<0.0038	<0.0076	<0.0019	<0.038	<0.0038	<0.0019	<0.0038	<0.0019	<0.0038	<0.0019
	4.5-5.5'	7/1/14	<0.004	<0.004	<0.004	<0.002	<0.04	<0.004	<0.002	<0.004	<0.002	<0.002	<0.002
SB-60	0-6"	7/2/14	<0.072	0.25	0.33	<0.036	6.1	0.26	<0.036	<0.072	<0.036	<0.036	0.33
SB-61	3.5'	8/27/14	<0.038	<0.038	<0.038	<0.019	2.8	0.058	<0.019	<0.038	<0.019	<0.019	0.063
	4'	8/27/14	<0.037	<0.037	<0.037	<0.019	3.9	0.059	<0.019	0.07	<0.019	0.089	<0.019
	5'	8/27/14	<0.75	<0.75	<0.75	<0.37	1200	11	<0.37	<0.75	<0.37	<1.9	<0.37
SB-62	4'	8/27/14	<0.0039	<0.0039	<0.0039	<0.002	0.038	0.011	<0.002	<0.0039	<0.002	<0.002	0.0098
	5-6'	8/27/14	<0.0039	<0.0039	0.005	<0.002	0.52	0.011	<0.002	<0.0039	<0.002	<0.002	0.0099
	6-7'	8/27/14	0.028	<0.0039	0.0052	<0.002	1.5	0.037	<0.002	<0.0039	<0.002	<0.002	0.032
SB-63	0-2'	8/27/14	<0.36	0.39	1.3	<0.18	20	0.51	<0.18	<0.36	<0.18	<0.18	0.65
	4-5'	8/27/14	<0.037	0.052	<0.037	<0.019	9.6	0.15	<0.019	<0.037	<0.019	<0.019	0.25
	9.5'-11'	8/27/14	<0.0036	<0.0036	<0.0036	<0.0018	0.081	<0.0036	0.0029	<0.0036	<0.0018	<0.0018	0.0049
SB-64	1-2'	8/27/14	<0.0074	0.02	0.025	<0.0037	0.26	0.025	<0.0037	<0.0074	<0.0037	<0.0037	0.02
	2-3'	8/27/14	<1.9	<1.9	3.7	<0.94	39	3.7	<0.94	<1.9	<0.94	<0.94	<0.94
	3.5'	8/27/14	<1.9	<1.9	<1.9	<0.97	41	3.3	<0.97	<1.9	<0.97	<0.97	<0.97
	4.5'	8/27/14	<1.9	<1.9	4.1	<0.94	33	3.3	<0.94	<1.9	<0.94	<0.94	<0.94
	5-6'	8/27/14	<0.004	0.037	0.046	<0.002	3.9	0.29	<0.002	0.08	<0.002	<0.04	0.03
SB-65	2.5-3.5'	8/27/14	<1.8	<1.8	<1.8	<0.91	33	<1.8	<0.91	<1.8	<0.91	<0.91	<0.91
	4-5'	8/27/14	<0.0038	<0.0038	0.0054	<0.0019	0.47	0.0079	<0.0019	<0.0038	<0.0019	<0.0019	0.011
SB-66	1-2.5'	8/27/14	<0.072	0.11	0.22	<0.036	6.3	0.18	<0.036	<0.072	<0.036	<0.036	0.18
	3.5-4.5'	8/27/14	<0.0036	0.0078	0.0092	<0.0018	0.45	0.0083	<0.0018	0.018	<0.0018	<0.0018	0.0075
B-1	0-2'	7/1/14	<0.0076	<0.0076	<0.0076	<0.0038	0.22	0.018	<0.0038	<0.0076	<0.0038	0.02	0.0048
	4.5-5.5'	7/1/14	<0.078	<0.078	<0.078	<0.039	5.9	<0.078	<0.039	<0.078	<0.039	0.52	0.085

Notes

Bold Detected at concentration above reporting limit

E Estimated (value above quantitation range)

Indicates concentration is above delineation criteria

TABLE 1: SOIL ANALYTICAL RESULTS WITH DELINEATION CRITERIA

			Regulated Substance: Organochlorine Pesticides (mg/Kg)										
			4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	Chlordane	Dieldrin	Endosulfan I	Endrin	gamma-BHC	Heptachlor	Heptachlor Epoxide
Delineation Criteria (mg/Kg)			0.66	0.66	0.66	0.66	9.2	0.66	10	10	0.66	0.66	1.64
B-2	1-3'	7/1/14	0.0067	<0.0038	<0.0038	<0.0019	0.27	0.012	<0.0019	<0.0038	<0.0019	<0.0019	<0.0019
	5-6'	7/1/14	<0.004	<0.004	<0.004	<0.002	<0.04	<0.004	<0.002	<0.004	<0.002	<0.002	<0.002
	10-11'	7/1/14	<0.004	<0.004	<0.004	<0.002	<0.04	<0.004	<0.002	<0.004	<0.002	<0.002	<0.002
B-3*	0-2'	6/30/14	<0.039	<0.039	<0.039	<0.020	0.78	<0.039	<0.020	<0.039	<0.020	<0.020	<0.020
	4-5'	6/30/14	<0.004	<0.004	<0.004	<0.002	<0.04	<0.004	<0.002	<0.004	<0.002	<0.002	<0.002
	8.5-9.5'	6/30/14	<0.0039	<0.0039	<0.0039	<0.0019	<0.039	<0.0039	<0.0019	<0.0039	<0.0019	<0.0019	<0.0019
B-4	0-2'	6/30/14	<0.76	<0.76	<0.76	<0.19	76	2.9	<0.19	<0.38	<0.19	<0.19	<0.19
	3.5-4.5'	6/30/14	<0.039	<0.039	<0.039	<0.02	0.87	<0.039	<0.02	<0.039	<0.02	<0.02	<0.02
	13.5-14.5'	6/30/14	<0.0039	<0.0039	<0.0039	<0.0019	<0.039	<0.0039	<0.0019	<0.0039	<0.0019	<0.0019	<0.0019
B-5	0-2'	6/30/14	100	<19	<3.8	<1.9	500	<3.8	<1.9	<3.8	<1.9	<1.9	<1.9
	4.5-5.5'	6/30/14	780	<20	190	<2	190	<4	<2	<4	<2	<2	<2
	10-11'	6/30/14	0.0088	<0.0079	<0.0079	<0.0039	0.081	<0.0079	<0.0039	<0.0079	<0.0039	<0.0039	<0.0039

Notes

Bold Detected at concentration above reporting limit

E Estimated (value above quantitation range)

Indicates concentration is above delineation criteria

* Sample collected at boring B-3 is identified as SB-22-B-3 on the lab sheet

TABLE 2: SUMMARY OF RISK REDUCTION STANDARDS

Regulated Substance (mg/Kg)	Type 1	Type 3	Type 4
4,4'-DDD	0.66	0.66	56.1
4,4'-DDE	0.66	0.66	39.6
4,4'-DDT	0.66	0.66	56.8
Aldrin	0.66	--	--
Chlordane	9.2	9.2	11.1
Dieldrin	0.66	0.66	0.14
Endosulfan I	10	--	--
Endrin	10	--	--
gamma-BHC	0.66	--	--
Heptachlor	0.66	0.66	1.05
Heptachlor epoxide	1.64	1.65	0.13

Notes

-- Not calculated, detected constituents meet Type 1 RRS

TABLE 3: PROJECTED MILESTONE SCHEDULE

Date	Activity
October 2015	Enrollment in the VRP
October 2015	Begin Corrective Action Activities
April 2016	First Semi-Annual Progress Report
October 2016	VRP Compliance Status Report

FIGURES



LEGEND

- APPROXIMATE SITE BOUNDARY
- NEAREST SURFACE WATER

SOURCE: MAPCARD TOPO, ATLANTA (BROOKHAVEN), GEORGIA

**DETTELBACH PESTICIDE
WAREHOUSE**
ATLANTA (BROOKHAVEN), GEORGIA
DEKALB COUNTY
HSI SITE NUMBER 10612
PROJECT NO. 02.20140272.00



EarthCon Consultants, Inc.
1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

SITE LOCATION

DRAWN: SNW	CHECKED: KRR	DATE: FEB 16, 2015	FIGURE: 1
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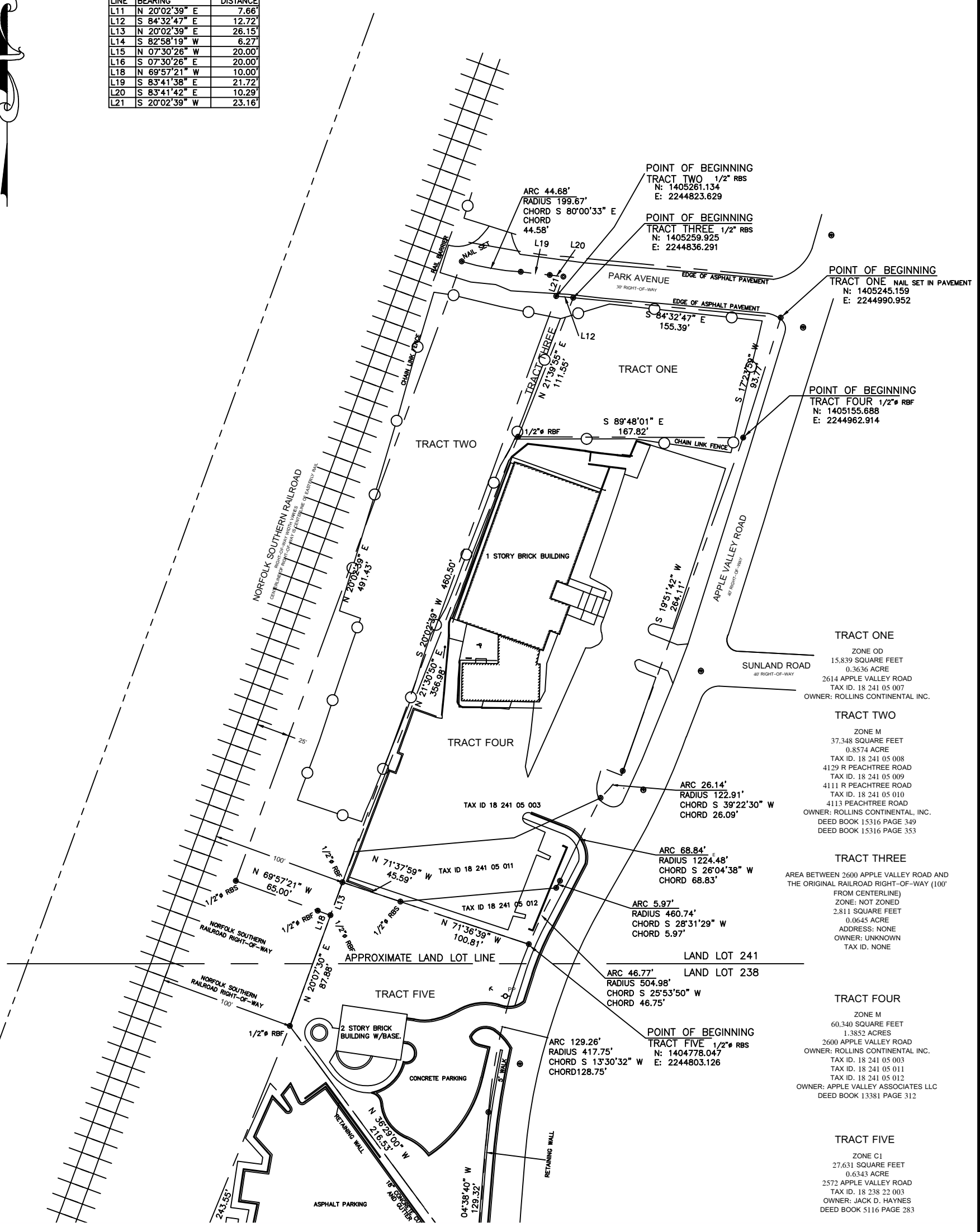
FILE NAME: site location figure.png

GEORGIA STATE PLANE
WEST ZONE



LINE	BEARING	DISTANCE
L11	N 20°02'39" E	7.66'
L12	S 84°32'47" E	12.72'
L13	N 20°02'39" E	26.15'
L14	S 82°58'19" W	6.27'
L15	N 07°30'26" W	20.00'
L16	S 07°30'26" E	20.00'
L18	N 69°57'21" W	10.00'
L19	S 83°41'38" E	21.72'
L20	S 83°41'42" E	10.29'
L21	S 20°02'39" W	23.16'

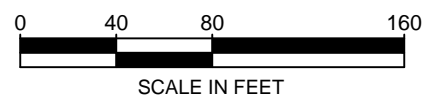
GRID NORTH



- TRACT ONE**
ZONE OD
15,839 SQUARE FEET
0.3636 ACRE
2614 APPLE VALLEY ROAD
TAX ID. 18 241 05 007
OWNER: ROLLINS CONTINENTAL INC.
- TRACT TWO**
ZONE M
37,348 SQUARE FEET
0.8574 ACRE
TAX ID. 18 241 05 008
4129 R PEACHTREE ROAD
TAX ID. 18 241 05 009
4111 R PEACHTREE ROAD
TAX ID. 18 241 05 010
4113 PEACHTREE ROAD
OWNER: ROLLINS CONTINENTAL, INC.
DEED BOOK 15316 PAGE 349
DEED BOOK 15316 PAGE 353
- TRACT THREE**
AREA BETWEEN 2600 APPLE VALLEY ROAD AND THE ORIGINAL RAILROAD RIGHT-OF-WAY (100' FROM CENTERLINE)
ZONE: NOT ZONED
2,811 SQUARE FEET
0.0645 ACRE
ADDRESS: NONE
OWNER: UNKNOWN
TAX ID. NONE
- TRACT FOUR**
ZONE M
60,340 SQUARE FEET
1.3852 ACRES
2600 APPLE VALLEY ROAD
OWNER: ROLLINS CONTINENTAL INC.
TAX ID. 18 241 05 003
TAX ID. 18 241 05 011
TAX ID. 18 241 05 012
OWNER: APPLE VALLEY ASSOCIATES LLC
DEED BOOK 13381 PAGE 312
- TRACT FIVE**
ZONE C1
27,631 SQUARE FEET
0.6343 ACRE
2572 APPLE VALLEY ROAD
TAX ID. 18 238 22 003
OWNER: JACK D. HAYNES
DEED BOOK 5116 PAGE 283

SURVEY NOTES

1. THIS SURVEY WAS MADE ON THE GROUND USING A CARLSON NETWORK CORRECTED RTK RECEIVER, A SOUTH 2 SECOND TOTAL STATION AND A STEEL TAPE.
2. THE MAXIMUM RELATIVE POSITIONAL ERROR WAS COMPUTED TO BE 0.06 FEET AND WAS ADJUSTED USING NETWORK LEAST SQUARES METHOD.
3. THE DISTANCES AND AREAS SHOWN ON THIS SURVEY GROUND. THE COMBINED GRID FACTOR USED IS 0.99986. THE BASIS OF BEARING IS GEORGIA STATE PLANE COORDINATE SYSTEM WEST ZONE.



SOURCE: LANDMAN INC. dba LAND DEVELOPING CO. BOUNDARY SURVEY (3/27/2014)

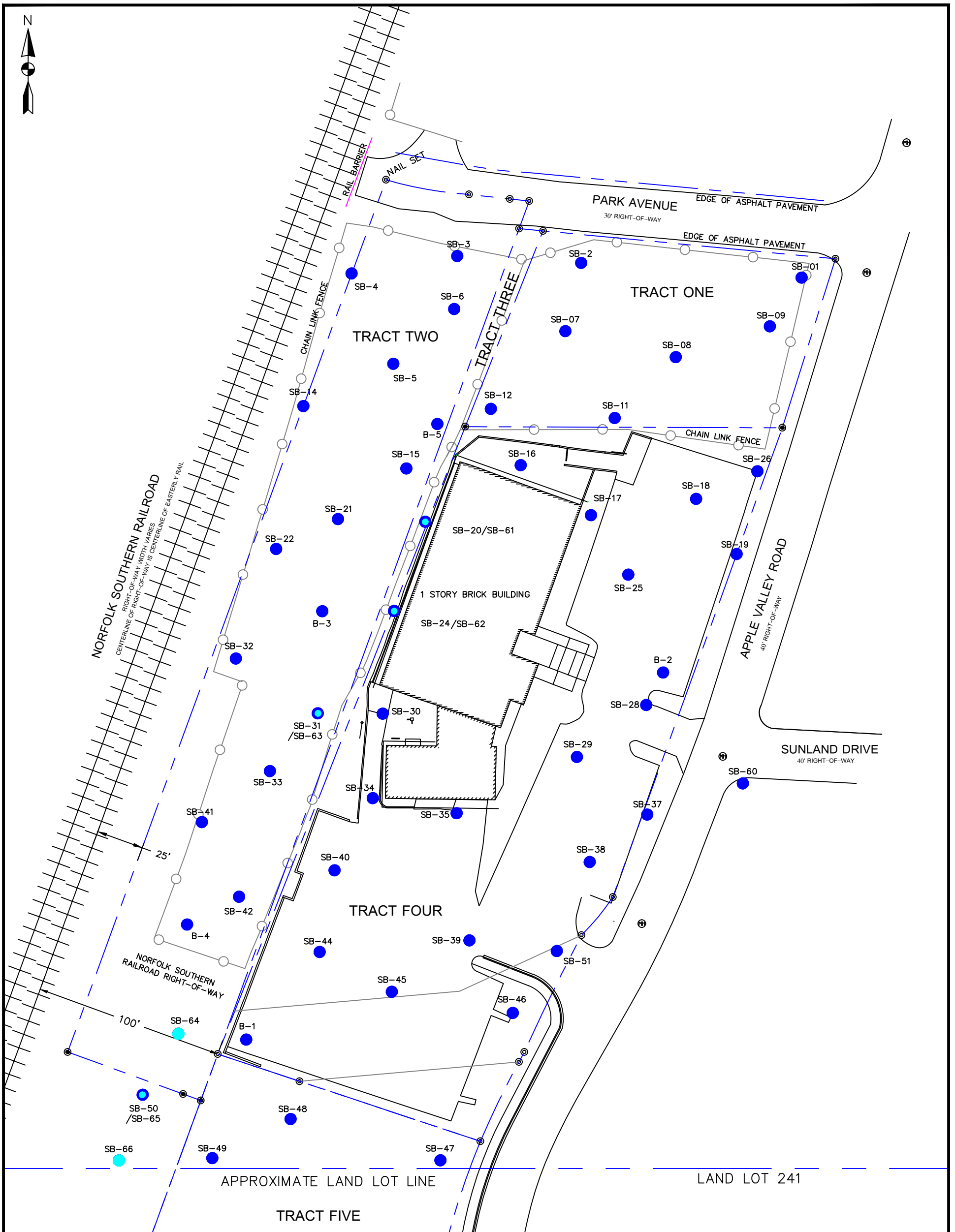
DETTELBACH PESTICIDE WAREHOUSE
ATLANTA (BROOKHAVEN), GEORGIA
DEKALB COUNTY
HSI SITE NUMBER 10612
PROJECT NO. 02.20140272.00

EARTHCON
EarthCon Consultants, Inc.
1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

SITE LAYOUT

DRAWN: SNW	CHECKED: KRR	DATE: NOVEMBER 2014	FIGURE: 2
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FILENAME: 318-1030110.DWG



SURVEY NOTES

1. THIS SURVEY WAS MADE ON THE GROUND USING A CARLSON NETWORK CORRECTED RTK RECEIVER, A SOUTH 2 SECOND TOTAL STATION AND A STEEL TAPE.
2. THE MAXIMUM RELATIVE POSITIONAL ERROR WAS COMPUTED TO BE 0.06 FEET AND WAS ADJUSTED USING NETWORK LEAST SQUARES METHOD.
3. THE DISTANCES AND AREAS SHOWN ON THIS SURVEY GROUND. THE COMBINED GRID FACTOR USED IS 0.99986. THE BASIS OF BEARING IS GEORGIA STATE PLANE COORDINATE SYSTEM WEST ZONE.

LEGEND

- SB-3 ● SOIL BORING LOCATIONS (JUNE/JULY)
- SB-66 ● SOIL BORING LOCATIONS (AUGUST)



SOURCE: LANDMAN INC. dba LAND DEVELOPING CO. BOUNDARY SURVEY (3/27/2014)

DETTELBACH PESTICIDE WAREHOUSE

ATLANTA (BROOKHAVEN), GEORGIA
DEKALB COUNTY
HSI SITE NUMBER 10612
PROJECT NO. 02.20140272.00



EarthCon Consultants, Inc.

1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

2014 SOIL BORING LOCATIONS

DRAWN: SNW	CHECKED: KRR	DATE: FEB 16, 2015	FIGURE: 3
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SB-5			
REGULATED SUBSTANCE (mg/Kg)	0-2'	4.5-5.5'	10-11'
Chlordane	11	< 0.039	< 0.037

B-5			
REGULATED SUBSTANCE (mg/Kg)	0-2'	4.5-5.5'	10-11'
4,4'-DDD	100	780	0.0088
4,4'-DDT	< 3.8	190	< 0.0079
Chlordane	500	190	0.081

SB-14			
REGULATED SUBSTANCE (mg/Kg)	0-2'	4.5-5.5'	10-11'
Chlordane	43	0.085	< 0.038
Dieldrin	0.99	< 0.004	< 0.0038

SB-15				
REGULATED SUBSTANCE (mg/Kg)	0-2'	5-6'	11-12'	15-16'
Chlordane	170	1.9	< 0.041	< 0.038
Heptachlor	4.5	< 0.02	< 0.0021	< 0.0019

SB-21				
REGULATED SUBSTANCE (mg/Kg)	0-2'	4-5'	8.5-9.5'	14-15'
Chlordane	150	410	< 0.045	0.097

SB-24		SB-62 (RESAMPLE)			
REGULATED SUBSTANCE (mg/Kg)	0-2'	2-4'	4'	5-6'	6-7'
4,4'-DDD	< 0.077	19	< 0.0039	< 0.0039	0.028
4,4'-DDE	< 0.077	20	< 0.0039	< 0.0039	< 0.0039
4,4'-DDT	< 0.077	22	< 0.0039	0.005	0.0052
Chlordane	13	400	0.038	0.52	1.5
Dieldrin	0.15	76	0.011	0.011	0.037
Heptachlor	0.077	78 E	< 0.002	< 0.002	< 0.002
Heptachlor Epoxide	< 0.039	34	0.0098	0.0099	0.032

SB-32			
REGULATED SUBSTANCE (mg/Kg)	0-2'	4-5'	8.5-9.5'
Chlordane	15	0.063	0.11

SB-33			
REGULATED SUBSTANCE (mg/Kg)	0-2'	4-5'	8.5-9.5'
Chlordane	10	0.28	< 0.039

B-4			
REGULATED SUBSTANCE (mg/Kg)	0-2'	3.5-4.5'	13.5-14.5'
Chlordane	76	0.87	< 0.039
Dieldrin	2.9	< 0.039	< 0.0039

SB-64					
REGULATED SUBSTANCE (mg/Kg)	1-2'	2-3'	3.5'	4.5'	5-6'
4,4'-DDT	0.02	3.7	< 1.9	4.1	0.046
Chlordane	0.26	39	41	33	3.9
Dieldrin	0.25	3.7	3.3	3.3	0.29

SB-50			SB-65 (RESAMPLE)	
REGULATED SUBSTANCE (mg/Kg)	0-1'	2.5-3.5'	4-5'	
4,4'-DDD	97	< 1.8	< 0.0038	
4,4'-DDT	210	< 1.8	0.0054	
Chlordane	140	33	0.47	

DELINEATION CRITERIA	
REGULATED SUBSTANCE	TYPE 1 RRS (mg/Kg)
4,4'-DDD	0.66
4,4'-DDE	0.66
4,4'-DDT	0.66
Aldrin	0.66
Chlordane	9.20
Dieldrin	0.66
Endosulfan I	10.00
Endrin	10.00
gamma-BHC	0.66
Heptachlor	0.66
Heptachlor Epoxide	1.64

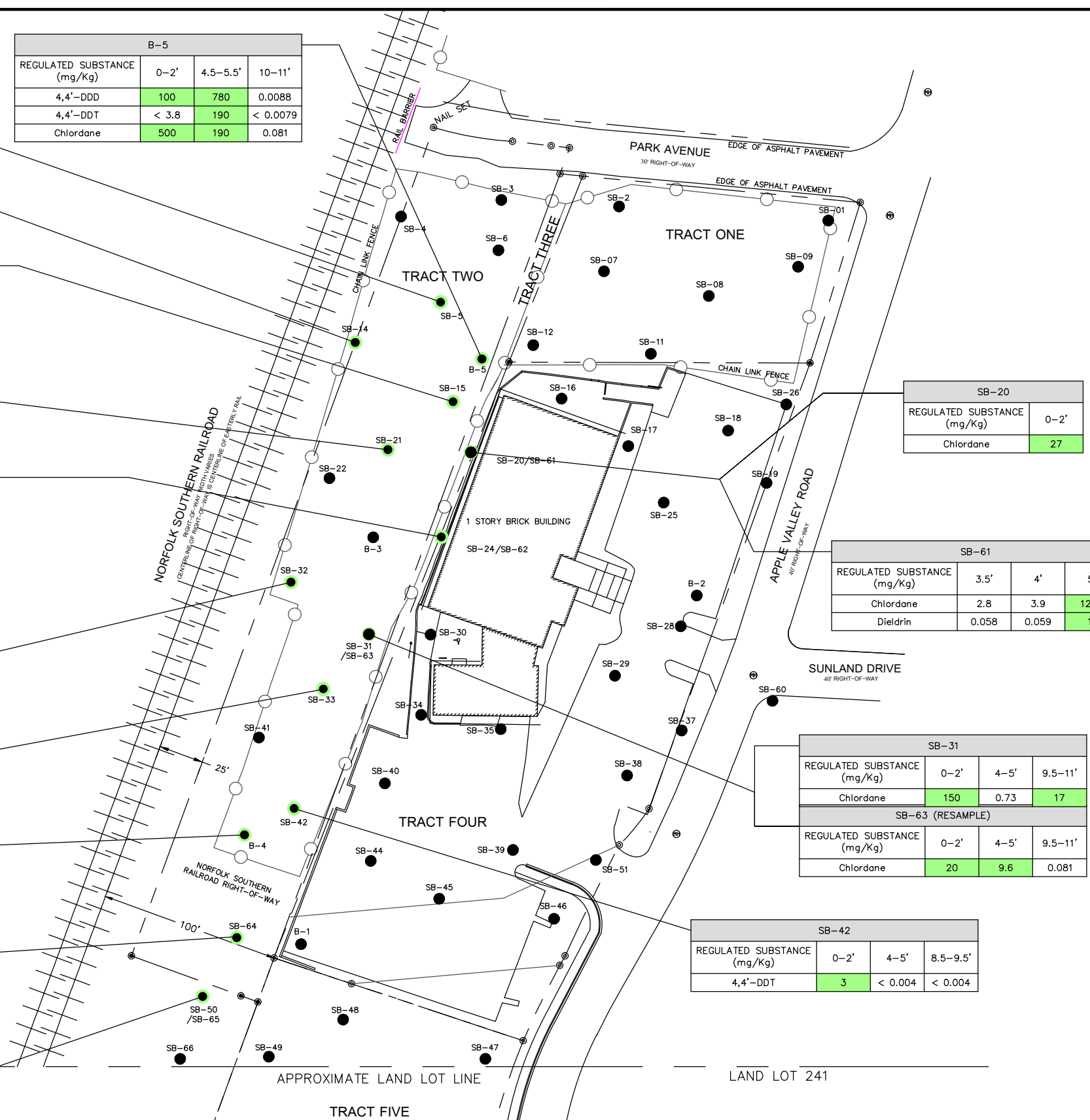
RRS: RISK REDUCTION STANDARD

LEGEND

- SOIL BORING LOCATIONS
- CONCENTRATION (mg/Kg) ABOVE DELINEATION CRITERIA
- ABOVE DELINEATION CRITERIA

SURVEY NOTES

1. THIS SURVEY WAS MADE ON THE GROUND USING A CARLSON NETWORK CORRECTED RTK RECEIVER, A SOUTH 2 SECOND TOTAL STATION AND A STEEL TAPE.
2. THE MAXIMUM RELATIVE POSITIONAL ERROR WAS COMPUTED TO BE 0.06 FEET AND WAS ADJUSTED USING NETWORK LEAST SQUARES METHOD.
3. THE DISTANCES AND AREAS SHOWN ON THIS SURVEY GROUND. THE COMBINED GRID FACTOR USED IS 0.99986. THE BASIS OF BEARING IS GEORGIA STATE PLANE COORDINATE SYSTEM WEST ZONE.



SB-20	
REGULATED SUBSTANCE (mg/Kg)	0-2'
Chlordane	27

SB-61			
REGULATED SUBSTANCE (mg/Kg)	3.5'	4'	5'
Chlordane	2.8	3.9	1200
Dieldrin	0.058	0.059	11

SB-31			
REGULATED SUBSTANCE (mg/Kg)	0-2'	4-5'	9.5-11'
Chlordane	150	0.73	17

SB-63 (RESAMPLE)			
REGULATED SUBSTANCE (mg/Kg)	0-2'	4-5'	9.5-11'
Chlordane	20	9.6	0.081

SB-42			
REGULATED SUBSTANCE (mg/Kg)	0-2'	4-5'	8.5-9.5'
4,4'-DDT	3	< 0.004	< 0.004

<p>DETTELBACH PESTICIDE WAREHOUSE ATLANTA (BROOKHAVEN), GEORGIA DEKALB COUNTY HSI SITE NUMBER 10612 PROJECT NO. 02.20140272.00</p>	 EARTHCON [®] EarthCon Consultants, Inc. 1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062	<p>SOIL SAMPLE RESULTS ABOVE DELINEATION CRITERIA</p>
<p>SOURCE: LANDMAN INC. dba LAND DEVELOPING CO. BOUNDARY SURVEY (3/27/2014)</p>	<p>DRAWN: SNW CHECKED: KRR DATE: FEB 16, 2015 FIGURE: 4</p>	



SUMMARY OF NON-RESIDENTIAL RISK REDUCTION STANDARDS		
REGULATED SUBSTANCE (mg/Kg)	NON-RESIDENTIAL RRS (mg/Kg)	TYPE
4,4'-DDD	56.1	4
4,4'-DDE	39.6	4
4,4'-DDT	56.8	4
Chlordane	11.1	4
Dieldrin	0.66	3
Heptachlor	1.05	4
Heptachlor Epoxide	1.65	3

B-5			
REGULATED SUBSTANCE (mg/Kg)	0-2'	4.5-5.5'	10-11'
4,4'-DDD	100	780	0.0088
4,4'-DDT	< 3.8	190	< 0.0079
Chlordane	500	190	0.081

SB-14			
REGULATED SUBSTANCE (mg/Kg)	0-2'	4.5-5.5'	10-11'
Chlordane	43	0.085	< 0.038
Dieldrin	0.99	< 0.004	< 0.0038
Heptachlor	1.90 *	< 0.002	< 0.0019

SB-15				
REGULATED SUBSTANCE (mg/Kg)	0-2'	5-6'	11-12'	15-16'
Chlordane	170	1.9	< 0.041	< 0.038
Heptachlor	4.5	< 0.02	< 0.0021	< 0.0019

SB-21				
REGULATED SUBSTANCE (mg/Kg)	0-2'	4-5'	8.5-9.5'	14-15'
Chlordane	150	410	< 0.045	0.097

SB-24					
REGULATED SUBSTANCE (mg/Kg)	0-2'	2-4'	4'	5-6'	6-7'
Chlordane	13	400	0.038	0.52	1.5
Dieldrin	0.15	76	0.011	0.011	0.037
Heptachlor	0.077	78 E	< 0.002	< 0.002	< 0.002
Heptachlor Epoxide	< 0.039	34	0.0098	0.0099	0.032

SB-32			
REGULATED SUBSTANCE (mg/Kg)	0-2'	4-5'	8.5-9.5'
Chlordane	15	0.063	0.11

B-4			
REGULATED SUBSTANCE (mg/Kg)	0-2'	3.5-4.5'	13.5-14.5'
Chlordane	76	0.87	< 0.039
Dieldrin	2.9	< 0.039	< 0.0039

SB-64					
REGULATED SUBSTANCE (mg/Kg)	1-2'	2-3'	3.5'	4.5'	5-6'
Chlordane	0.26	39	41	33	3.9
Dieldrin	0.025	3.7	3.3	3.3	0.29

SB-20	
REGULATED SUBSTANCE (mg/Kg)	0-2'
Chlordane	27

SB-61			
REGULATED SUBSTANCE (mg/Kg)	3.5'	4'	5'
Chlordane	2.8	3.9	1200
Dieldrin	0.058	0.059	11

SB-31			
REGULATED SUBSTANCE (mg/Kg)	0-2'	4-5'	9.5-11'
Chlordane	150	0.73	17

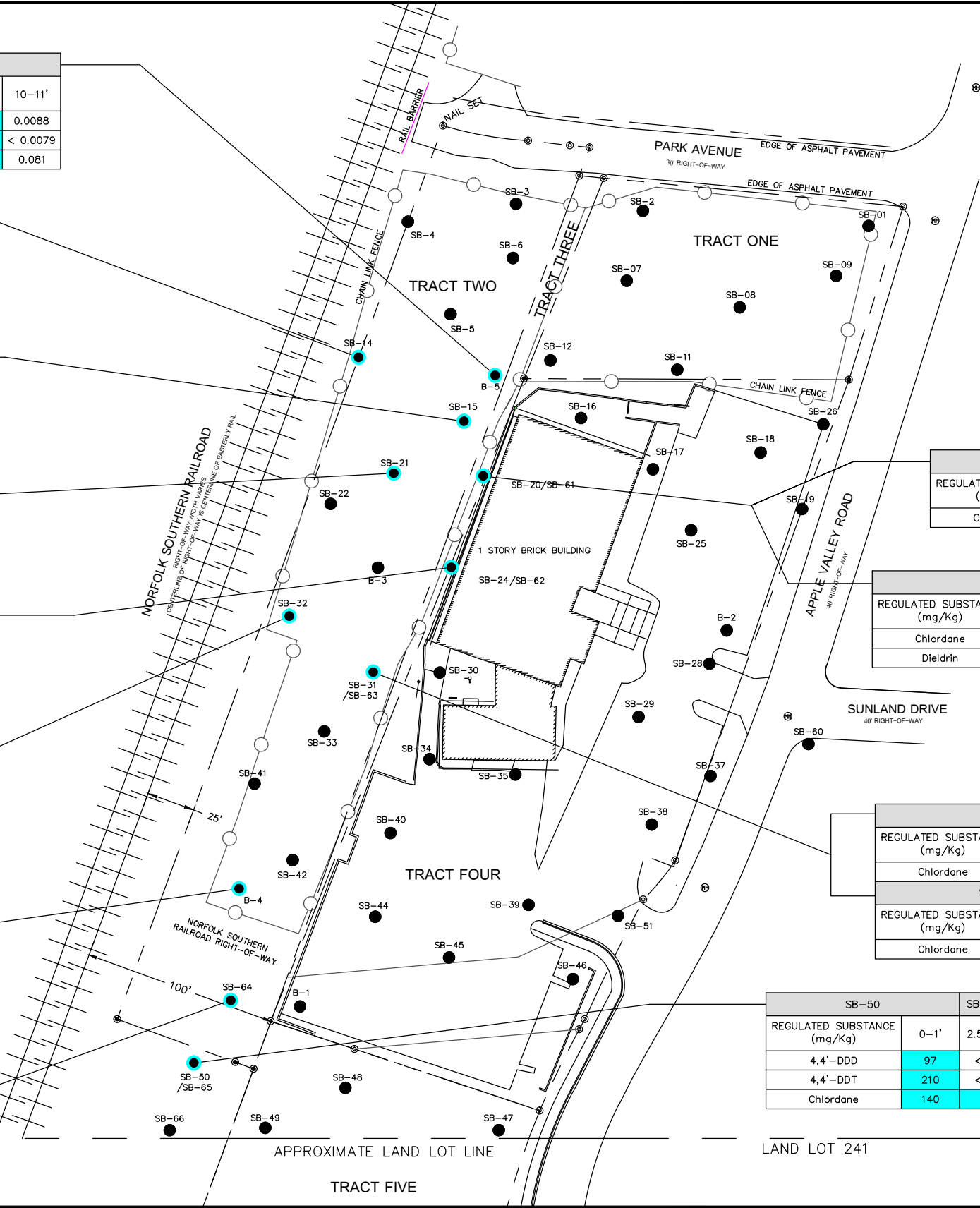
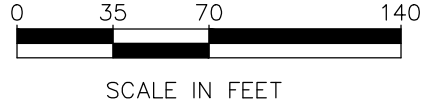
SB-63 (RESAMPLE)			
REGULATED SUBSTANCE (mg/Kg)	0-2'	4-5'	9.5-11'
Chlordane	20	9.6	0.081

SB-50			
REGULATED SUBSTANCE (mg/Kg)	0-1'	2.5-3.5'	4-5'
4,4'-DDD	97	< 1.8	< 0.0038
4,4'-DDT	210	< 1.8	0.0054
Chlordane	140	33	0.47

- LEGEND**
- SOIL BORING LOCATIONS
 - 100 CONCENTRATION (mg/Kg) ABOVE NON-RESIDENTIAL RISK REDUCTION STANDARDS (RRS)
 - ABOVE NON-RESIDENTIAL RISK REDUCTION STANDARDS
- * HEPTACHLOR IN SB-14 MEETS RESIDENTIAL T2 RRS OF 2.03 MG/KG.

SURVEY NOTES

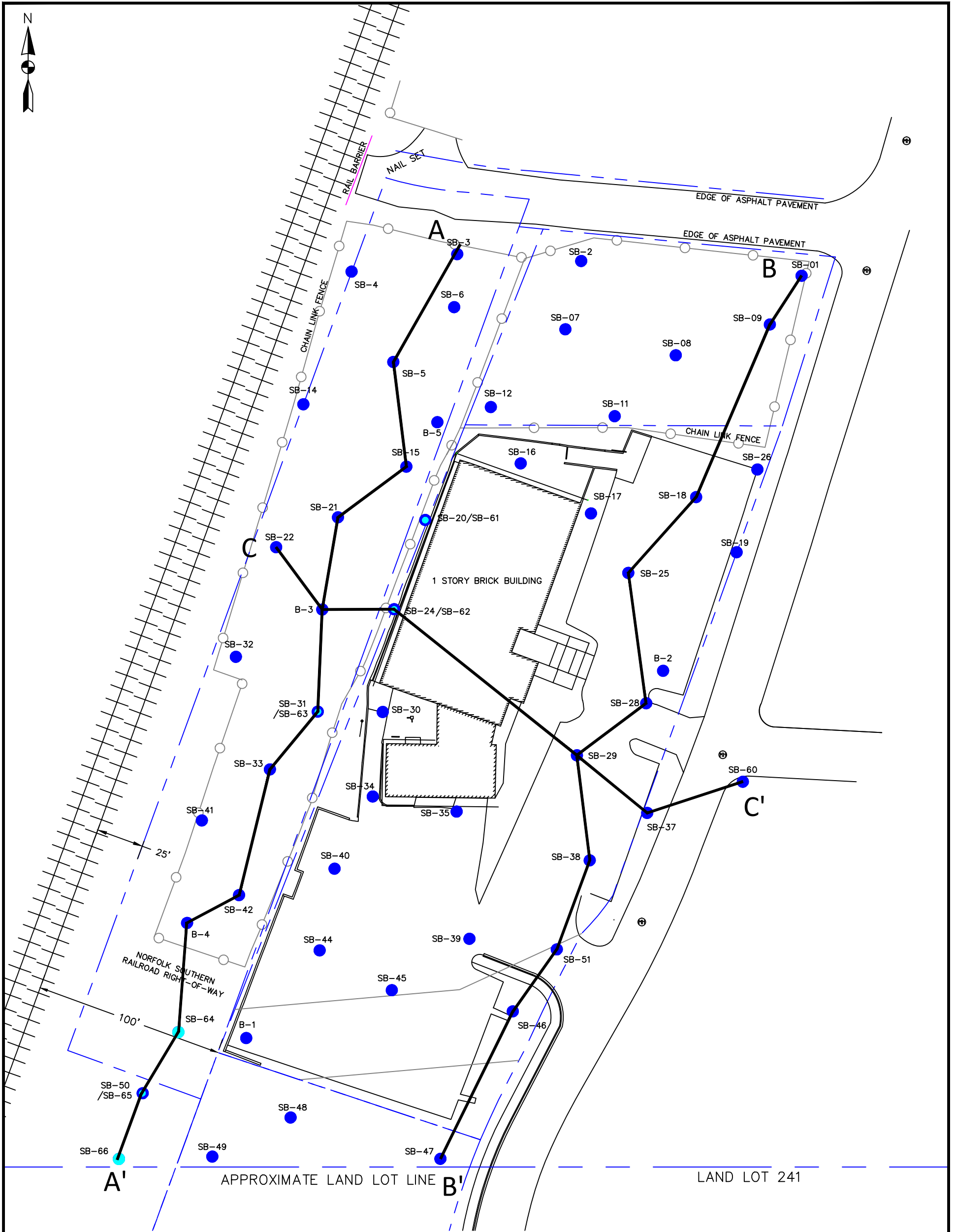
1. THIS SURVEY WAS MADE ON THE GROUND USING A CARLSON NETWORK CORRECTED RTK RECEIVER, A SOUTH 2 SECOND TOTAL STATION AND A STEEL TAPE.
2. THE MAXIMUM RELATIVE POSITIONAL ERROR WAS COMPUTED TO BE 0.06 FEET AND WAS ADJUSTED USING NETWORK LEAST SQUARES METHOD.
3. THE DISTANCES AND AREAS SHOWN ON THIS SURVEY GROUND. THE COMBINED GRID FACTOR USED IS 0.99986. THE BASIS OF BEARING IS GEORGIA STATE PLANE COORDINATE SYSTEM WEST ZONE.



DETTELBACH PESTICIDE WAREHOUSE
 ATLANTA (BROOKHAVEN), GEORGIA
 DEKALB COUNTY
 HSI SITE NUMBER 10612
 PROJECT NO. 02.20140272.00

EARTHCON
 EarthCon Consultants, Inc.
 1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

SOIL SAMPLE RESULTS
 ABOVE NON-RESIDENTIAL RISK
 REDUCTION STANDARDS

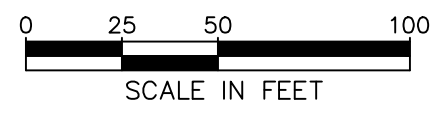


SURVEY NOTES

1. THIS SURVEY WAS MADE ON THE GROUND USING A CARLSON NETWORK CORRECTED RTK RECEIVER, A SOUTH 2 SECOND TOTAL STATION AND A STEEL TAPE.
2. THE MAXIMUM RELATIVE POSITIONAL ERROR WAS COMPUTED TO BE 0.06 FEET AND WAS ADJUSTED USING NETWORK LEAST SQUARES METHOD.
3. THE DISTANCES AND AREAS SHOWN ON THIS SURVEY GROUND. THE COMBINED GRID FACTOR USED IS 0.99986. THE BASIS OF BEARING IS GEORGIA STATE PLANE COORDINATE SYSTEM WEST ZONE.

LEGEND

- SB-3 ● SOIL BORING LOCATIONS (JUNE/JULY 2014)
- SB-66 ● SOIL BORING LOCATIONS (AUGUST 2014)



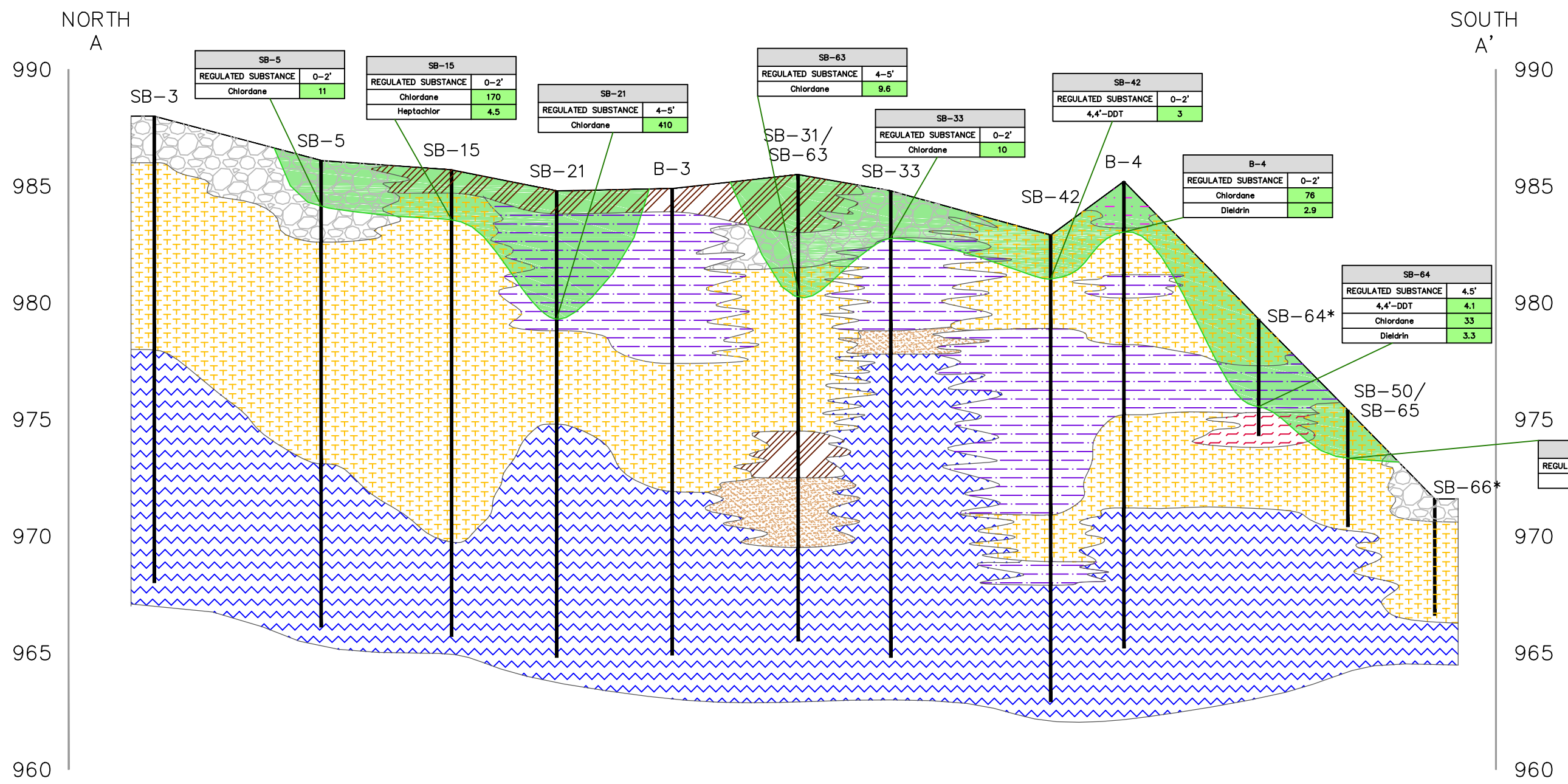
SOURCE: LANDMAN INC. dba LAND DEVELOPING CO. BOUNDARY SURVEY (3/27/2014)

DETTELBACH PESTICIDE WAREHOUSE
 HSI NO. 10612
 ATLANTA (BROOKHAVEN), DEKALB COUNTY, GEORGIA
 PROJECT NO. 02.20140272.00

EARTHCON
 EarthCon Consultants, Inc.
 1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

CROSS-SECTION LOCATION MAP

DRAWN: SSW	CHECKED: KRR	DATE: JANUARY 2015	FIGURE: 6
------------	--------------	--------------------	-----------



SB-5	
REGULATED SUBSTANCE	0-2'
Chlordane	11

SB-15	
REGULATED SUBSTANCE	0-2'
Chlordane	170
Heptachlor	4.5

SB-21	
REGULATED SUBSTANCE	4-5'
Chlordane	410

SB-63	
REGULATED SUBSTANCE	4-5'
Chlordane	9.6

SB-33	
REGULATED SUBSTANCE	0-2'
Chlordane	10

SB-42	
REGULATED SUBSTANCE	0-2'
4,4'-DDT	3

B-4	
REGULATED SUBSTANCE	0-2'
Chlordane	76
Dieldrin	2.9

SB-64	
REGULATED SUBSTANCE	4.5'
4,4'-DDT	4.1
Chlordane	33
Dieldrin	3.3

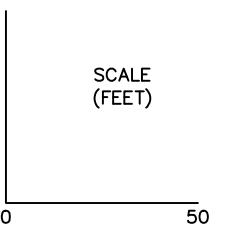
SB-65	
REGULATED SUBSTANCE	2.5-3.5'
Chlordane	33

DELINEATION CRITERIA	
REGULATED SUBSTANCE	TYPE 1 RRS (mg/Kg)
4,4'-DDT	0.66
Chlordane	9.20
Dieldrin	0.66
Heptachlor	0.66

* ELEVATIONS WERE ESTIMATED BASED ON NEARBY BORINGS PREVIOUSLY SURVEYED.

- LEGEND**
- ASPHALT
 - CONCRETE
 - CLAYEY SAND
 - SILT
 - SAND

- TOTAL ORGANOCHLORINE PESTICIDES ABOVE DELINEATION CRITERIA
 - ORGANIC MATERIAL
 - GRAVEL
 - CLAY
 - SILTY SAND
 - PARTIALLY WEATHERED ROCK
- CONCENTRATIONS IN MG/KG.

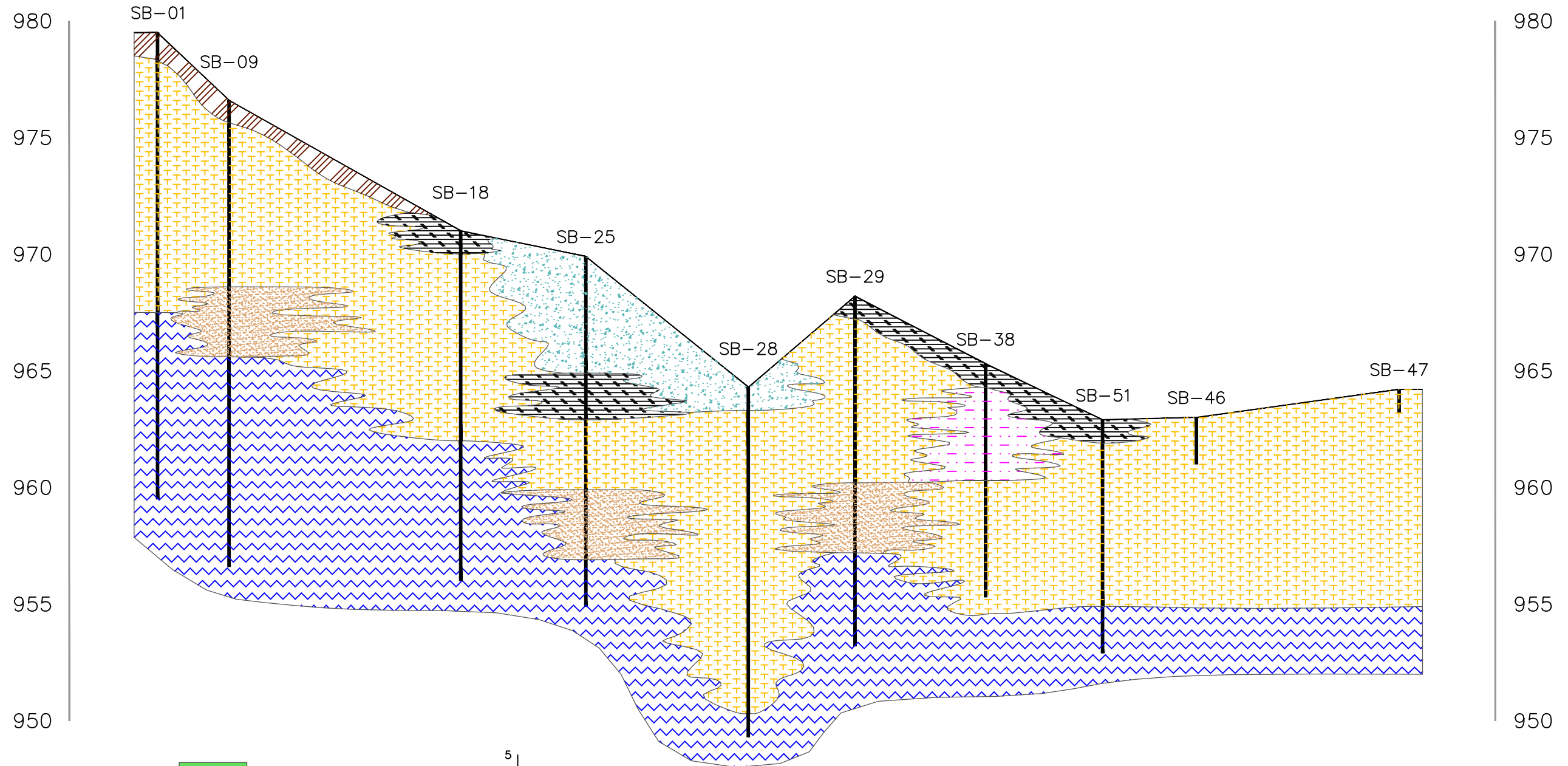


DETTELBACH PESTICIDE WAREHOUSE HSI NO. 10612 ATLANTA (BROOKHAVEN), DEKALB COUNTY, GEORGIA PROJECT NO. 02.20140272.00	 EARTHCON [®] EarthCon Consultants, Inc. 1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062	CROSS SECTION A - A'
	DRAWN: SSW CHECKED: KRR DATE: JANUARY 2015 FIGURE: 7	

FILENAME: soil boring - cross sections.dwg

NORTH
B

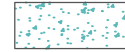
SOUTH
B'



LEGEND



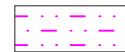
ASPHALT



CONCRETE



CLAYEY SAND



SILT



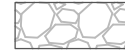
SAND



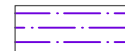
TOTAL ORGANOCHLORINE PESTICIDES
ABOVE DELINEATION CRITERIA



ORGANIC MATERIAL



GRAVEL



CLAY



SILTY SAND



PARTIALLY WEATHERED ROCK

DETTELBACH PESTICIDE WAREHOUSE
 HSI NO. 10612
 ATLANTA (BROOKHAVEN), DEKALB COUNTY, GEORGIA



EarthCon Consultants, Inc.

1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

CROSS-SECTION
B - B'

DRAWN: SSW

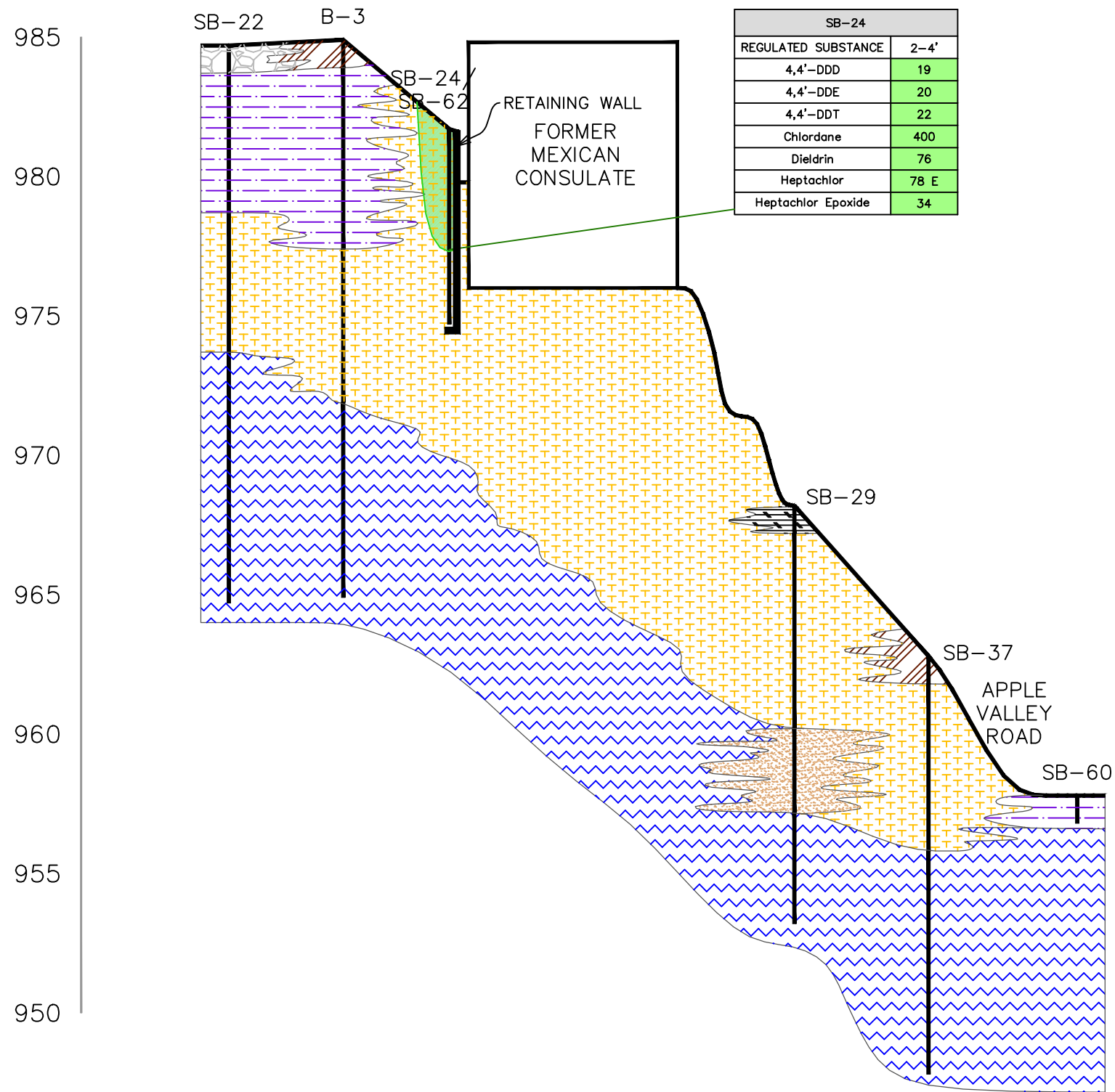
CHECKED: KRR

DATE: JANUARY 2015

FIGURE: 8

WEST
C

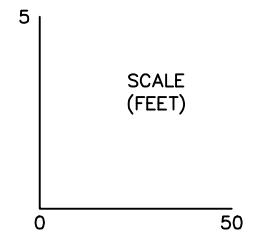
EAST
C'



SB-24	
REGULATED SUBSTANCE	2-4'
4,4'-DDD	19
4,4'-DDE	20
4,4'-DDT	22
Chlordane	400
Dieldrin	76
Heptachlor	78 E
Heptachlor Epoxide	34



DELINEATION CRITERIA	
REGULATED SUBSTANCE	TYPE 1 RRS (mg/Kg)
4,4'-DDD	0.66
4,4'-DDE	0.66
4,4'-DDT	0.66
Chlordane	9.20
Dieldrin	0.66
Heptachlor	0.66
Heptachlor Epoxide	1.64



LEGEND

	ASPHALT		TOTAL ORGANOCHLORINE PESTICIDES ABOVE DELINEATION CRITERIA
	CONCRETE		ORGANIC MATERIAL
	CLAYEY SAND		GRAVEL
	SILT		CLAY
	SAND		SILTY SAND
			PARTIALLY WEATHERED ROCK

CONCENTRATIONS IN MG/KG.

FILENAME: soil boring - cross sections.dwg

<p>DETTELBACH PESTICIDE WAREHOUSE HSI NO. 10612 ATLANTA (BROOKHAVEN), DEKALB COUNTY, GEORGIA</p>	 EARTHCON EarthCon Consultants, Inc. 1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062	<p>CROSS-SECTIONS C - C'</p>
PROJECT NO. 02.20140272.00	DRAWN: SSW CHECKED: KRR DATE: AUGUST 2014 FIGURE: 9	



CAP
A=29,522.4143 sq.ft ≈ 30,000 sq.ft

NORFOLK SOUTHERN RAILROAD
RIGHT-OF-WAY WIDTH VARIES
CENTERLINE OF RIGHT-OF-WAY IS CENTERLINE OF EASTERLY RAIL

PARK AVENUE
30' RIGHT-OF-WAY

TRACT ONE

TRACT TWO

TRACT THREE

1 STORY BRICK BUILDING

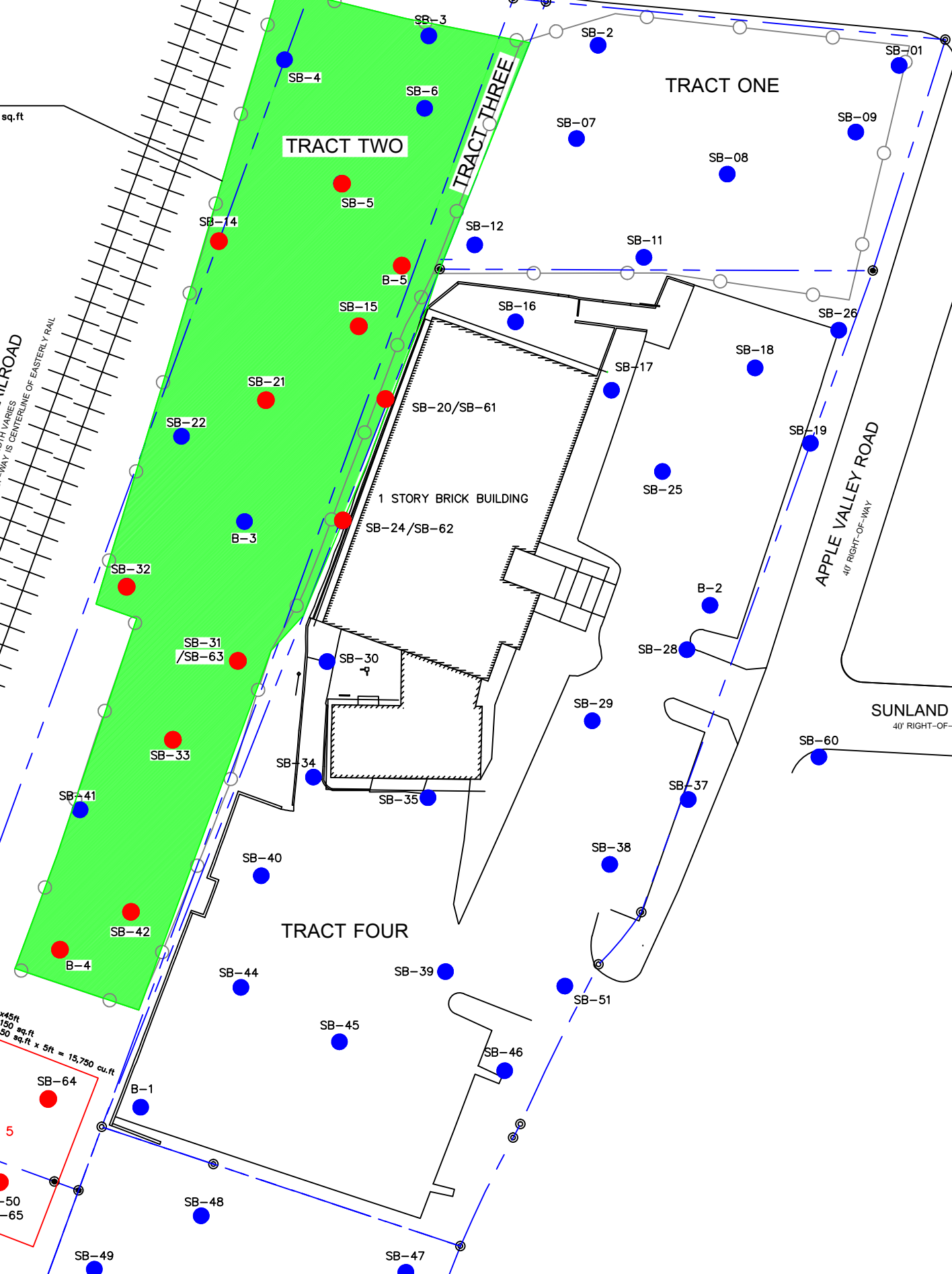
APPLE VALLEY ROAD
40' RIGHT-OF-WAY

SUNLAND DRIVE
40' RIGHT-OF-WAY

TRACT FOUR

TRACT FIVE

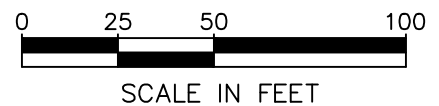
70ft x 45ft
A=3,150 sq.ft
V=3,150 sq.ft x 5ft = 15,750 cu.ft



SURVEY NOTES

1. THIS SURVEY WAS MADE ON THE GROUND USING A CARLSON NETWORK CORRECTED RTK RECEIVER, A SOUTH 2 SECOND TOTAL STATION AND A STEEL TAPE.
2. THE MAXIMUM RELATIVE POSITIONAL ERROR WAS COMPUTED TO BE 0.06 FEET AND WAS ADJUSTED USING NETWORK LEAST SQUARES METHOD.
3. THE DISTANCES AND AREAS SHOWN ON THIS SURVEY GROUND. THE COMBINED GRID FACTOR USED IS 0.99986. THE BASIS OF BEARING IS GEORGIA STATE PLANE COORDINATE SYSTEM WEST ZONE.

- LEGEND**
- SB-64 ● SOIL BORING LOCATION - EXCEEDS RRS
 - SB-47 ● SOIL BORING LOCATION - DOES NOT EXCEED RRS
 - APPROXIMATE LOCATION OF CAP
 - 5 ■ LIMIT OF 5-FOOT EXCAVATION



SOURCE: LANDMAN INC. dba LAND DEVELOPING CO. BOUNDARY SURVEY (3/27/2014)

DETTELBACH PESTICIDE WAREHOUSE
ATLANTA (BROOKHAVEN), GEORGIA
DEKALB COUNTY
HSI SITE NUMBER 10612
PROJECT NO. 02.20140272.00

EARTHCON
EarthCon Consultants, Inc.
1880 WEST OAK PKWY, BLDG 100, STE 106, MARIETTA, GA, 30062

PROPOSED REMEDIATION:
ENGINEERED CAP WITH EXCAVATION

DRAWN: SNW CHECKED: KRR DATE: FEB 16, 2015 FIGURE: 10

APPENDICES

APPENDIX A

VIRP APPLICATION FORM AND CHECKLIST

Voluntary Investigation and Remediation Plan Application Form and Checklist

VRP APPLICANT INFORMATION			
COMPANY NAME	Rollins, Inc.		
CONTACT PERSON/TITLE	Mr. Gary Rogers		
ADDRESS	2170 Piedmont Road, N.E.		
PHONE	404-888-2831	FAX	404-877-4454
		E-MAIL	Grogers@rollins.com
GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP			
NAME	David Word	GA PE/PG NUMBER	PE011546
COMPANY	Joe Tanner & Associates		
ADDRESS	50 Hurt Plaza, Suite 930		
PHONE	404-659-4663	FAX	
		E-MAIL	davidword@joetanner.com

APPLICANT'S CERTIFICATION

In order to be considered a qualifying property for the VRP:

- (1) The property must have a release of regulated substances into the environment;
- (2) The property shall not be:
 - (A) Listed on the federal National Priorities List pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. Section 9601.
 - (B) Currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or
 - (C) A facility required to have a permit under Code Section 12-8-66.
- (3) Qualifying the property under this part would not violate the terms and conditions under which the division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency.
- (4) Any lien filed under subsection (e) of Code Section 12-8-96 or subsection (b) of Code Section 12-13-12 against the property shall be satisfied or settled and released by the director pursuant to Code Section 12-8-94 or Code Section 12-13-6.

In order to be considered a participant under the VRP:

- (1) The participant must be the property owner of the voluntary remediation property or have express permission to enter another's property to perform corrective action.
- (2) The participant must not be in violation of any order, judgment, statute, rule, or regulation subject to the enforcement authority of the director.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision 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.

I also certify that this property is eligible for the Voluntary Remediation Program (VRP) as defined in Code Section 12-8-105 and I am eligible as a participant as defined in Code Section 12-8-106.


APPLICANT'S SIGNATURE	
 Gary Rogers, Environmental Manager	DATE
	9-14-2015

QUALIFYING PROPERTY INFORMATION (For additional qualifying properties, please refer to the last page of application form)

HAZARDOUS SITE INVENTORY INFORMATION (if applicable)

HSI Number	10612	Date HSI Site listed	2/14/2000
HSI Facility Name	Dettlebach Pesticide Warehouse Site		
		NAICS CODE	56171009
PROPERTY INFORMATION			
TAX PARCEL ID	D18-LL-241-Railroad right-of-way south	PROPERTY SIZE (ACRES)	1.1 acres
PROPERTY ADDRESS	1251 Park Avenue		
CITY	Atlanta	COUNTY	DeKalb
STATE	Georgia	ZIPCODE	30319
LATITUDE (decimal format)	33.5142 N	LONGITUDE (decimal format)	84.2015W
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	Rollins Inc	PHONE #	404-888-2831
MAILING ADDRESS	2170 Piedmont Road, NE		
CITY	Atlanta	STATE/ZIPCODE	GA/30324

ITEM #	DESCRIPTION OF REQUIREMENT	Location in VRP (i.e. pg., Table #, Figure #, etc.)	For EPD Comment Only (Leave Blank)
1.	\$5,000 APPLICATION FEE IN THE FORM OF A CHECK PAYABLE TO THE GEORGIA DEPARTMENT OF NATURAL RESOURCES. (PLEASE LIST CHECK DATE AND CHECK NUMBER IN COLUMN TITLED "LOCATION IN VRP." PLEASE DO NOT INCLUDE A SCANNED COPY OF CHECK IN ELECTRONIC COPY OF APPLICATION.)	Included	
2.	WARRANTY DEED(S) FOR QUALIFYING PROPERTY.	Appendix B	
3.	TAX PLAT OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).	Appendix C	
4.	ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF). The VRP participant's initial plan and application must include, using all reasonably available current information to the extent known at the time of application, a graphic three-dimensional preliminary conceptual site model (CSM) including a preliminary remediation plan with a table of delineation standards, brief supporting text, charts, and figures (no more than 10 pages, total) that illustrates the site's surface and subsurface setting, the known or suspected source(s) of contamination, how contamination might move within the environment, the potential human health and ecological receptors, and the complete or incomplete exposure pathways that may exist at the site; the preliminary CSM must be updated as the investigation and remediation progresses and an up-to-date CSM must be included in each semi-annual status report submitted to the director by the participant; a PROJECTED MILESTONE SCHEDULE for investigation and remediation of the site, and after enrollment as a participant, must update the schedule in each semi-annual status report to the director describing implementation of the plan during the preceding period. A Gantt chart format is preferred for the	Included	
5.		Section 3.0 to 6.0 (pages 2 to 11), Tables 1 through 3, Figures 3 through 10	

	<p>milestone schedule.</p> <p>The following four (4) generic milestones are required in all initial plans with the results reported in the participant's next applicable semi-annual reports to the director. The director may extend the time for or waive these or other milestones in the participant's plan where the director determines, based on a showing by the participant, that a longer time period is reasonably necessary:</p>		
5.a.	<p>Within the first 12 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern on property where access is available at the time of enrollment;</p>	<p>Figures 4 through 9</p>	
5.b.	<p>Within the first 24 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern extending onto property for which access was not available at the time of enrollment;</p>	<p>N/A; release is limited to Property</p>	
5.c.	<p>Within 30 months after enrollment, the participant must update the site CSM to include vertical delineation, finalize the remediation plan and provide a preliminary cost estimate for implementation of remediation and associated continuing actions; and</p>	<p>Figures 6 through 10; Section 6.0</p>	
5.d.	<p>Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.</p>	<p>Pending</p>	
6.	<p>SIGNED AND SEALED PE/PG CERTIFICATION AND SUPPORTING DOCUMENTATION:</p> <p>"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.</p> <p>Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.</p> <p>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."</p> <p>0910 W920 PE01546 Printed Name and GA PE/PG Number</p>  Signature and Stamp <p>SEP. 4, 2018 Date</p>		

ADDITIONAL QUALIFYING PROPERTIES (COPY THIS PAGE AS NEEDED)

PROPERTY INFORMATION	
TAX PARCEL ID	D18-LL-241 Parcels 3,5,7,1
PROPERTY ADDRESS	2600 Apple Valley Road
CITY	Atlanta
STATE	GA
LATITUDE (decimal format)	
PROPERTY OWNER(S)	Rollins Inc.
MAILING ADDRESS	2170 Piedmont Road, NE
CITY	Atlanta
PROPERTY SIZE (ACRES)	1.8
COUNTY	DeKalb
ZIPCODE	30319
LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION	
PHONE #	404-888-2831
STATE/ZIPCODE	GA/30324

PROPERTY INFORMATION	
TAX PARCEL ID	
PROPERTY ADDRESS	
CITY	
STATE	
LATITUDE (decimal format)	
PROPERTY OWNER(S)	
MAILING ADDRESS	
CITY	
PROPERTY SIZE (ACRES)	
COUNTY	
ZIPCODE	
LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION	
PHONE #	
STATE/ZIPCODE	

PROPERTY INFORMATION	
TAX PARCEL ID	
PROPERTY ADDRESS	
CITY	
STATE	
LATITUDE (decimal format)	
PROPERTY OWNER(S)	
MAILING ADDRESS	
CITY	
PROPERTY SIZE (ACRES)	
COUNTY	
ZIPCODE	
LONGITUDE (decimal format)	
PROPERTY OWNER INFORMATION	
PHONE #	
STATE/ZIPCODE	

APPENDIX B
WARRANTY DEED

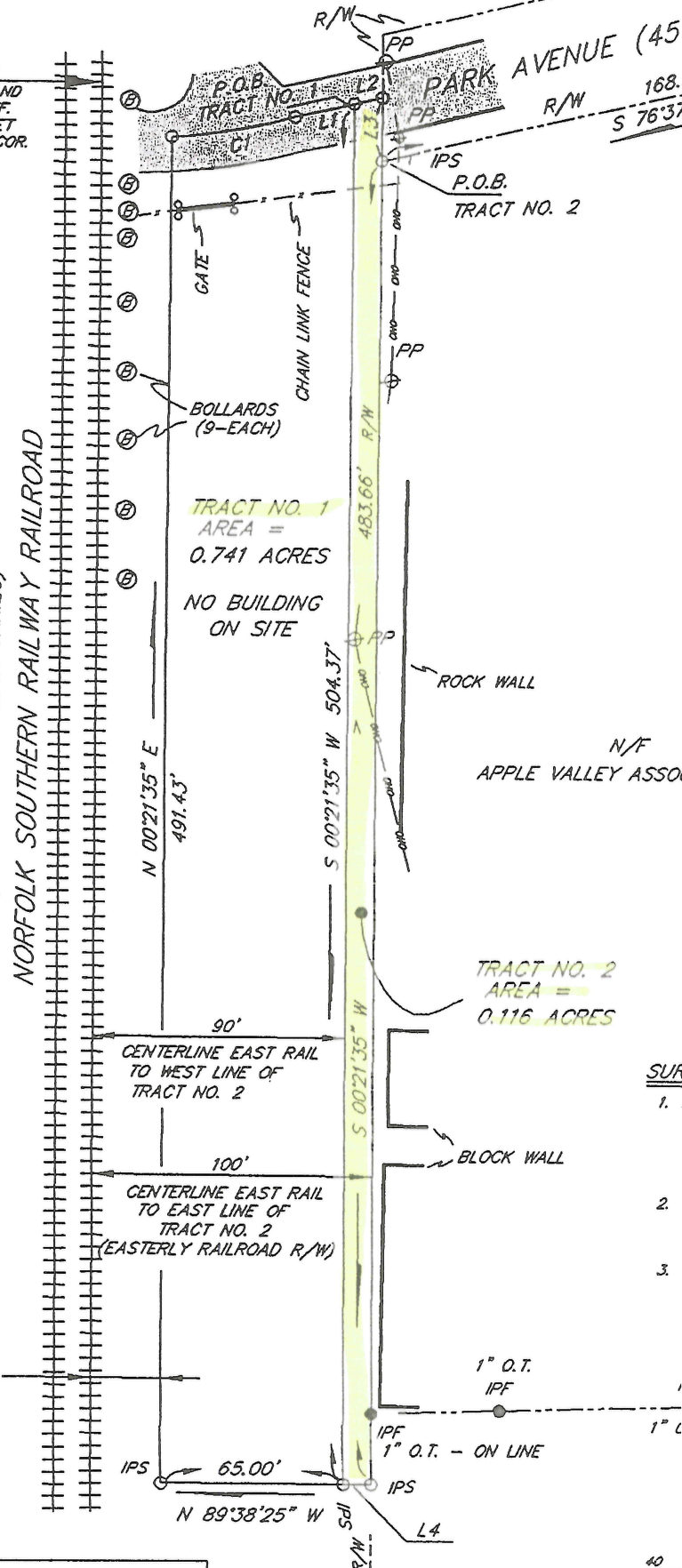
NOTE:
 STA. 98+24 PER
 RAILROAD R/W AND
 TRACK PLAN (REF.
 NO. 2) IS 20 FEET
 NORTH OF N.W. COR.
 OF TRACT NO. 1.

TO M.P. NO. 627

TO M.P. NO. 628

NORFOLK SOUTHERN RAILWAY RAILROAD
 (RIGHT-OF-WAY WIDTH VARIES)

25' FROM CENTERLINE
 EAST RAIL TO
 NEW PROPERTY LINE



TRACT NO. 1
 AREA =
 0.741 ACRES

NO BUILDING
 ON SITE

TRACT NO. 2
 AREA =
 0.116 ACRES

SUA
 1.

2.

3.

REVISIONS		
NO.	DATE	DESCRIPTION
1.	10-27-03	ADD PARCEL 2, ADD LEGAL DESC.

EXHIBIT A

LEGAL DESCRIPTION TRACT NO. 1

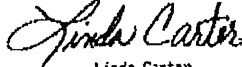
ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOT 241 OF THE 18TH DISTRICT, DEKALB COUNTY, GEORGIA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

TO FIND THE POINT OF BEGINNING, COMMENCE AT AN IRON PIN FOUND (1/2-INCH REBAR) LOCATED AT THE INTERSECTION OF THE WESTERLY RIGHT-OF-WAY LINE OF APPLE VALLEY ROAD (40-FOOT RIGHT-OF-WAY) AND THE SOUTHERLY RIGHT-OF-WAY LINE OF PARK AVENUE (40-FOOT RIGHT-OF-WAY); THENCE CONTINUE ALONG THE SOUTHERLY RIGHT-OF-WAY LINE OF PARK AVENUE SOUTH 78 DEGREES 37 MINUTES 14 SECONDS WEST A DISTANCE OF 188.21 FEET TO AN IRON PIN SET (1/2-INCH REBAR) AT THE INTERSECTION OF SAID RIGHT-OF-WAY LINE OF PARK AVENUE AND THE EASTERLY RIGHT-OF-WAY LINE OF A NORFOLK SOUTHERN RAILROAD (RIGHT-OF-WAY WIDTH VARIES); THENCE CONTINUE ALONG SAID RAILROAD RIGHT-OF-WAY LINE NORTH 00 DEGREES 21 MINUTES 35 SECONDS EAST A DISTANCE OF 23.16 FEET TO A POINT; THENCE SOUTH 78 DEGREES 37 MINUTES 14 SECONDS WEST A DISTANCE OF 10.89 FEET TO A POINT, SAID POINT BEING THE POINT OF BEGINNING

FROM THE POINT OF BEGINNING THUS ESTABLISHED, CONTINUE SOUTH 00 DEGREES 21 MINUTES 35 SECONDS WEST A DISTANCE OF 804.37 FEET TO AN IRON PIN SET (1/2-INCH REBAR); THENCE NORTH 89 DEGREES 38 MINUTES 25 SECONDS WEST A DISTANCE OF 65.00 FEET TO AN IRON PIN SET (1/2-INCH REBAR); THENCE NORTH 00 DEGREES 21 MINUTES 35 SECONDS EAST A DISTANCE OF 491.43 FEET TO A POINT; THENCE CONTINUE ALONG A CURVE TURNING TO THE LEFT WITH AN ARC LENGTH OF 44.68 FEET, A RADIUS OF 199.67 FEET, A CHORD BEARING OF NORTH 00 DEGREES 18 MINUTES 24 SECONDS EAST, AND A CHORD LENGTH OF 44.58 FEET TO A POINT; THENCE NORTH 76 DEGREES 37 MINUTES 14 SECONDS EAST A DISTANCE OF 21.72 FEET TO A POINT, SAID POINT BEING THE POINT OF BEGINNING

SAID PROPERTY CONTAINS 0.741 ACRES MORE OR LESS AND IS SHOWN ON A SURVEY PREPARED BY TATE ENGINEERING AND SURVEYING, INC., ENTITLED "SURVEY OF PROPERTY FOR ROLLINS CONTINENTAL, INC." AND DATED OCTOBER 17, 2003, LAST REVISED OCTOBER 27, 2003.

Deed Book 15316 Pg 353
Filed and Recorded Nov-03-2003 11:09am
2003-0184896
Real Estate Transfer Tax \$12.50



Linda Carter
Clerk of Superior Court DeKalb Cty. Ga.
[Barcode]

RETURN TO:
Ms. Barbara H. Morgan
Piedmont Title Insurance Agency, Inc.
150 East Ponce de Leon Avenue, Suite 130
Decatur, GA 30030

QUITCLAIM DEED

THE STATE OF GEORGIA §
 § KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF FULTON §

THIS INDENTURE (herein called the "Quitclaim Deed"), made and entered into as of this 30th day of October, 2003, between NORFOLK SOUTHERN RAILWAY COMPANY, a Virginia corporation (herein called "Grantor"), and ROLLINS CONTINENTAL, INC., a New York corporation (herein called "Grantee") (the words "Grantor" and "Grantee" to include their respective heirs, successors and assigns where the context requires or permits);

WITNESSETH: That,

FOR AND IN CONSIDERATION of TEN DOLLARS (\$10.00) and other good and valuable consideration in hand paid, the receipt and sufficiency of which are hereby acknowledged, by Grantee to Grantor. Grantor has bargained, sold, and does by these presents bargain, sell, remise, release, transfer, convey and forever quitclaim to Grantee all the right, title,

NOTE: THIS QUITCLAIM DEED IS GIVEN FOR NO CONSIDERATION IN ORDER TO CLEAR TITLE, AND IS DELIVERED CONCURRENTLY WITH A LIMITED WARRANTY DEED OF EVEN DATE HEREWITH FROM GRANTOR TO GRANTEE UPON WHICH TRANSFER TAX HAS BEEN PAID BASED ON THE MARKET VALUE OF THE PROPERTY.

interest, claim and demand which Grantor, as owner of the Property (as defined herein), has or may have had in and to all of that tract or parcel of land described in Exhibit A, attached hereto and incorporated herein and made a part hereof. TOGETHER WITH all the rights, members and appurtenances to the said described premises in anywise appertaining or belonging thereto (hereinafter called the "Property").

TO HAVE AND TO HOLD the Property unto Grantee, so that neither Grantor, nor any other person or persons claiming under Grantor shall at any time, by any means or ways, claim or demand any right, title or interest to the Property, or any portion thereof, or its appurtenances, or any portion thereof. Where the context requires or permits, Grantor and Grantee shall include their respective successors and assigns.

IN WITNESS WHEREOF, Grantor has executed and delivered this Quitclaim Deed under seal as of the day and year first above written.


GRANTOR:

NORFOLK SOUTHERN RAILWAY COMPANY.
a Virginia corporation

By: LVH C.V. Baker
Name: C.V. Baker
Title: Real Estate Manager

I.. S. ATTEST:

[Signature]
Assistant Corporate Secretary



Signed, sealed and delivered
in the presence of:

[Signature]
Witness

[Signature]
Notary Public

My Commission Expires:

Notary Public, Fayette County, Georgia
My Commission Expires May 2, 2006



EXHIBIT A

LEGAL DESCRIPTION
TRACT NO. 1

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOT 241 OF THE 18TH DISTRICT, DEKALB COUNTY, GEORGIA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

TO FIND THE POINT OF BEGINNING, COMMENCE AT AN IRON PIN FOUND (1/2-INCH REBAR) LOCATED AT THE INTERSECTION OF THE WESTERLY RIGHT-OF-WAY LINE OF APPLE VALLEY ROAD (40-FOOT RIGHT-OF-WAY) AND THE SOUTHERLY RIGHT-OF-WAY LINE OF PARK AVENUE (40-FOOT RIGHT-OF-WAY); THENCE CONTINUE ALONG THE SOUTHERLY RIGHT-OF-WAY LINE OF PARK AVENUE SOUTH 76 DEGREES 37 MINUTES 14 SECONDS WEST A DISTANCE OF 168.21 FEET TO AN IRON PIN SET (1/2-INCH REBAR) AT THE INTERSECTION OF SAID RIGHT-OF-WAY LINE OF PARK AVENUE AND THE EASTERLY RIGHT-OF-WAY LINE OF A NORFOLK SOUTHERN RAILWAY RAILROAD (RIGHT-OF-WAY WIDTH VARIES); THENCE CONTINUE ALONG SAID RAILROAD RIGHT-OF-WAY LINE NORTH 00 DEGREES 21 MINUTES 35 SECONDS EAST A DISTANCE OF 23.16 FEET TO A POINT; THENCE SOUTH 76 DEGREES 37 MINUTES 14 SECONDS WEST A DISTANCE OF 10.29 FEET TO A POINT, SAID POINT BEING THE POINT OF BEGINNING

FROM THE POINT OF BEGINNING THIS ESTABLISHED, CONTINUE SOUTH 00 DEGREES 21 MINUTES 35 SECONDS WEST A DISTANCE OF 804.37 FEET TO AN IRON PIN SET (1/2-INCH REBAR); THENCE NORTH 89 DEGREES 38 MINUTES 25 SECONDS WEST A DISTANCE OF 65.00 FEET TO AN IRON PIN SET (1/2-INCH REBAR); THENCE NORTH 00 DEGREES 39 SECONDS EAST A DISTANCE OF 491.43 FEET TO A POINT; THENCE CONTINUE ALONG A CURVE TURNING TO THE LEFT WITH AN ARC LENGTH OF 44.68 FEET; A RADIUS OF 199.67 FEET, A CHORD BEARING OF NORTH 89 DEGREES 18 MINUTES 24 SECONDS EAST, AND A CHORD LENGTH OF 44.58 FEET TO A POINT; THENCE NORTH 76 DEGREES 37 MINUTES 14 SECONDS EAST A DISTANCE OF 21.72 FEET TO A POINT, SAID POINT BEING THE POINT OF BEGINNING.

SAID PROPERTY CONTAINS 0.741 ACRES MORE OR LESS AND IS SHOWN ON A SURVEY PREPARED BY TATE ENGINEERING AND SURVEYING, INC., ENTITLED "SURVEY OF PROPERTY FOR ROLLINS CONTINENTAL, INC." AND DATED OCTOBER 17, 2003, LAST REVISED OCTOBER 27, 2003.

Linda Carter

Linda Carter
Clerk of Superior Court DeKalb Cty, Ga.

EXHIBIT A

LEGAL DESCRIPTION
TRACT NO. 2

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOT 241 OF THE 18TH DISTRICT, DEKALB COUNTY, GEORGIA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

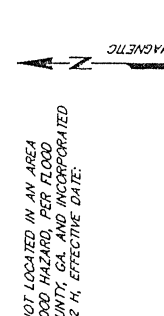
TO FIND THE POINT OF BEGINNING, COMMENCE AT AN IRON PIN FOUND (1/2-INCH REBAR) LOCATED AT THE INTERSECTION OF THE WESTERLY RIGHT-OF-WAY LINE OF APPLE VALLEY ROAD (40-FOOT RIGHT-OF-WAY) AND THE SOUTHERLY RIGHT-OF-WAY LINE OF PARK AVENUE (45-FOOT RIGHT-OF-WAY); THENCE CONTINUE ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE OF PARK AVENUE SOUTH 76 DEGREES 37 MINUTES 14 SECONDS WEST A DISTANCE OF 168.21 FEET TO AN IRON PIN SET (1/2-INCH REBAR) AT THE INTERSECTION OF SAID RIGHT-OF-WAY LINE OF PARK AVENUE AND THE EASTERLY RIGHT-OF-WAY LINE OF A NORFOLK SOUTHERN RAILWAY RAILROAD (RIGHT-OF-WAY WIDTH VARIES), SAID IRON PIN BEING THE POINT OF BEGINNING.

FROM THE POINT OF BEGINNING THUS ESTABLISHED, CONTINUE ALONG SAID RAILROAD RIGHT-OF-WAY LINE SOUTH 00 DEGREES 21 MINUTES 35 SECONDS WEST A DISTANCE OF 483.66 FEET TO AN IRON PIN SET (1/2-INCH REBAR); THENCE DEPARTING SAID RIGHT-OF-WAY LINE, CONTINUE NORTH 89 DEGREES 38 MINUTES 25 SECONDS WEST A DISTANCE OF 10.00 FEET TO AN IRON PIN SET (1/2-INCH REBAR); THENCE NORTH 00 DEGREES 21 MINUTES 35 SECONDS EAST A DISTANCE OF 504.37 FEET TO A POINT; THENCE NORTH 76 DEGREES 37 MINUTES 14 SECONDS EAST A DISTANCE OF 10.29 FEET TO A POINT ON THE EASTERLY RIGHT-OF-WAY LINE OF A NORFOLK SOUTHERN RAILWAY RAILROAD (RIGHT-OF-WAY WIDTH VARIES); THENCE CONTINUE ALONG SAID RAILROAD RIGHT-OF-WAY LINE SOUTH 00 DEGREES 21 MINUTES 35 SECONDS WEST A DISTANCE OF 23.16 FEET TO AN IRON PIN SET (1/2-INCH REBAR), SAID IRON PIN BEING THE POINT OF BEGINNING.

SAID PROPERTY CONTAINS 0.116 ACRES MORE OR LESS AND IS SHOWN ON A SURVEY PREPARED BY TATE ENGINEERING AND SURVEYING, INC., ENTITLED "SURVEY OF PROPERTY FOR ROLLINS CONTINENTAL, INC." AND DATED OCTOBER 17, 2003, LAST REVISED OCTOBER 27, 2003.

APPENDIX C
TAX PLAT

- LEGEND**
- IPF ● IRON PIN FOUND
 - IPS ○ IRON PIN SET (1/2" REBAR U.M.O.)
 - Ø PP POWER POLE
 - R/W RIGHT-OF-WAY
 - O.H.C. OVERHEAD CABLE
 - U.M.O. UNLESS NOTED OTHERWISE



CURVE TABLE

CURVE	ARC LEN.	RADIUS	CHORD BEARING	CHORD LEN.
C1	44.63'	193.67'	N 80°18'24" E	44.56'

LINE TABLE

LINE	BEARING	DISTANCE
L1	N 76°37'14" E	21.72'
L2	N 76°37'14" E	10.29'
L3	S 00°21'35" W	23.16'
L4	N 89°38'25" W	10.00'

FLOOD NOTE:
 THE SUBJECT PROPERTY IS NOT LOCATED IN AN AREA IDENTIFIED AS A SPECIAL FLOOD HAZARD, PER FLOOD RATE MAPS FOR DEKALB COUNTY, GA. AND INCORPORATED AREAS, MAP NO. 13089C0052 H, EFFECTIVE DATE: MAY 7, 2001.

LEGAL DESCRIPTION
 TRACT NO. 2
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FROM THE POINT OF BEGINNING THUS ESTABLISHED, CONTINUE SOUTH 00 DEGREES 21 MINUTES 35 SECONDS WEST A DISTANCE OF 504.37 FEET TO AN IRON PIN SET (1/2-INCH REBAR); THENCE NORTH 89 DEGREES 38 MINUTES 25 SECONDS WEST A DISTANCE OF 65.00 FEET TO AN IRON PIN SET (1/2-INCH REBAR); THENCE NORTH 00 DEGREES 21 MINUTES 35 SECONDS EAST A DISTANCE OF 491.43 FEET TO A POINT; THENCE CONTINUE ALONG A CURVE HAVING A CHORD BEARING OF N 76 DEGREES 37 MINUTES 14 SECONDS WEST, A CHORD LENGTH OF 44.56 FEET, AN ARC LENGTH OF 44.63 FEET, AND AN ANGULAR ERROR OF 54.77 SECONDS PER ANGLE POINT; THENCE CONTINUE ALONG A CURVE HAVING A CHORD BEARING OF N 89 DEGREES 38 MINUTES 25 SECONDS WEST, A CHORD LENGTH OF 10.00 FEET, AN ARC LENGTH OF 10.29 FEET, AND AN ANGULAR ERROR OF 54.77 SECONDS PER ANGLE POINT; SAID POINT BEING THE POINT OF BEGINNING.

SAID PROPERTY CONTAINS 0.116 ACRES MORE OR LESS AND IS SHOWN ON A SURVEY PREPARED BY TATE ENGINEERING AND SURVEYING, INC., ENTITLED "SURVEY OF PROPERTY FOR ROLLINS CONTINENTAL, INC.", AND DATED OCTOBER 17, 2003, LAST REVISED OCTOBER 27, 2003.

REFERENCE DOCUMENTS:

- SUBDIVISION MAP FOR PEACHTREE ROAD PARK, RECORDED AT PLAT BOOK 2, PAGE 30, DEKALB COUNTY RECORDS.
- RIGHT-OF-WAY AND TRACK MAP FOR CHARLOTTE AIR LINE RY. CO. DATED 12-31-27, REV. 02-24-92.

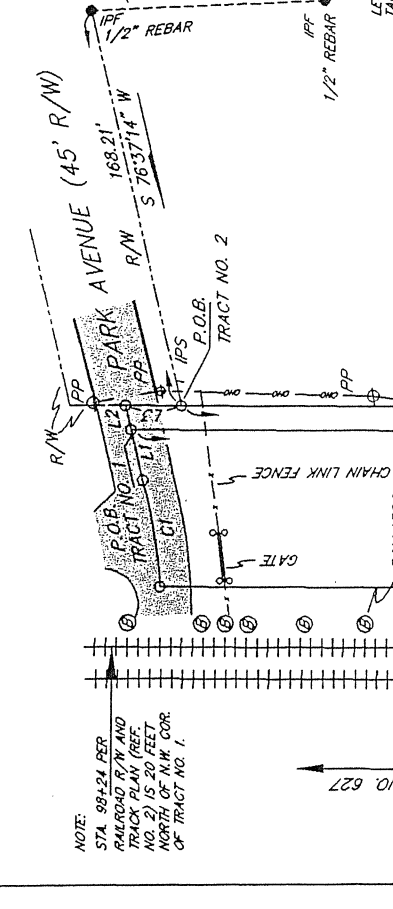
NEAR RAILROAD M.P. NO. 628

SURVEY OF PROPERTY FOR
 ROLLINS CONTINENTAL, INC.
 LAND LOT 241, 18TH DISTRICT
 DEKALB COUNTY, GEORGIA

SCALE: 1" = 40'
 DATE: OCTOBER 17, 2003

PREPARED BY
 TATE ENGINEERING AND SURVEYING, INC.
 2702 JEFFERSON STREET, S.W. - SUITE 100
 AUSTELL, GEORGIA 30168
 PH: (770) 732-0270 FAX: (770) 732-0488

APPLE VALLEY ROAD
 (A.K.A. HILLCREST DRIVE)
 (40' R/W)



LEGAL DESCRIPTION
 TRACT NO. 1
 ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOT 241 OF THE 18TH DISTRICT, DEKALB COUNTY, GEORGIA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

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FROM THE POINT OF BEGINNING THUS ESTABLISHED, CONTINUE SOUTH 00 DEGREES 21 MINUTES 35 SECONDS WEST A DISTANCE OF 504.37 FEET TO AN IRON PIN SET (1/2-INCH REBAR); THENCE NORTH 89 DEGREES 38 MINUTES 25 SECONDS WEST A DISTANCE OF 65.00 FEET TO AN IRON PIN SET (1/2-INCH REBAR); THENCE NORTH 00 DEGREES 21 MINUTES 35 SECONDS EAST A DISTANCE OF 491.43 FEET TO A POINT; THENCE CONTINUE ALONG A CURVE HAVING A CHORD BEARING OF N 76 DEGREES 37 MINUTES 14 SECONDS WEST, A CHORD LENGTH OF 44.56 FEET, AN ARC LENGTH OF 44.63 FEET, AND AN ANGULAR ERROR OF 54.77 SECONDS PER ANGLE POINT; THENCE CONTINUE ALONG A CURVE HAVING A CHORD BEARING OF N 89 DEGREES 38 MINUTES 25 SECONDS WEST, A CHORD LENGTH OF 10.00 FEET, AN ARC LENGTH OF 10.29 FEET, AND AN ANGULAR ERROR OF 54.77 SECONDS PER ANGLE POINT; SAID POINT BEING THE POINT OF BEGINNING.

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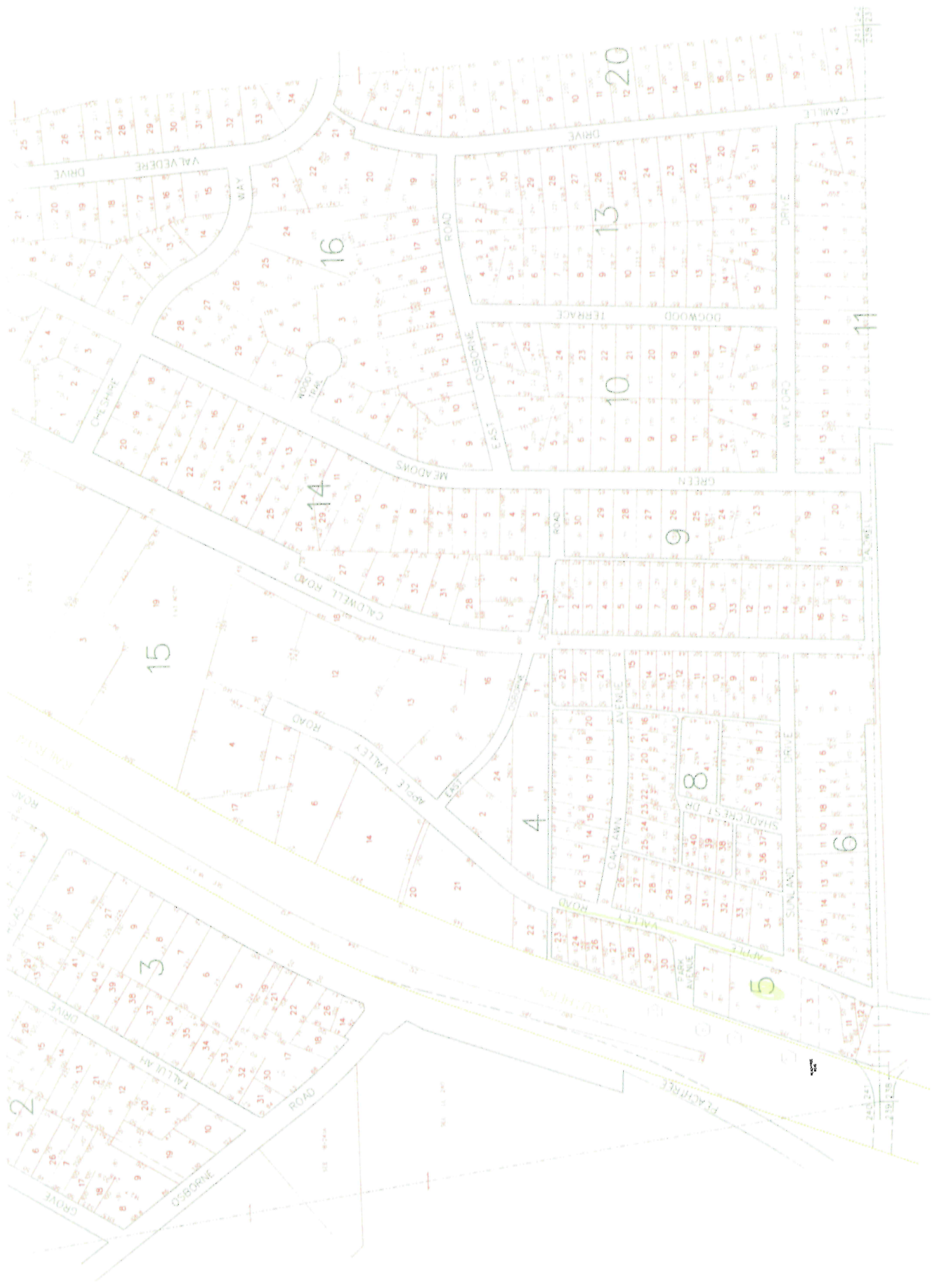
SURVEY NOTES:

- THE FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF ONE PART IN 250,000 FEET AND AN ANGULAR ERROR OF 5.47 SECONDS PER ANGLE POINT; AND WAS NOT ADJUSTED.
- THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND FOUND TO BE ACCURATE WITHIN ONE FOOT IN 135,814 FEET.
- THE MEASUREMENTS FOR FIELD DATA, USED IN PREPARING THIS PLAT WERE MADE USING AN ELECTRONIC TOTAL STATION INSTRUMENT TOPCON GTS-210D READING DIRECTLY TO 5 SECONDS.



REVISIONS

NO.	DATE	DESCRIPTION
1	10-27-03	ADD PARCEL 2, AND LEGAL DESC.



DEKALB COUNTY PLAT OFFICE
1500 N. W. 24th ST., SUITE 100
ATLANTA, GA 30318
PHONE: 404.521.1500
WWW.DKALBGA.COM

APPENDIX D
HISTORICAL GROUNDWATER INVESTIGATIONS

1999 TEMPORARY MONITORING WELL
SAMPLING RESULTS AND SAMPLE LOCATION FIGURE
(SOURCE: MATRIX ENGINEERING AS REPORTED BY CRA, 2001)

TABLE 3.9
ANALYTICAL DATA SUMMARY -- ORGANOCHLORINE PESTICIDES IN GROUNDWATER
DETTELBACH WAREHOUSE SITE
ATLANTA, GEORGIA

		<i>Map Location/Temporary Well ID:</i>	MW1	MW2
		<i>Consulting Firm:</i>	MATRIX	MATRIX
		<i>Sample ID:</i>	MW1	MW2
		<i>Sample Date:</i>	3/29/1999	3/29/1999
<i>Parameter</i>	<i>Units</i>	<i>HSRA Type 1</i>		
		RRS		
<i>Organochlorine Pesticides</i>				
4,4-DDD	mg/L	0.0001	0.0001 U	0.0001 U
4,4-DDE	mg/L	0.0001	0.0001 U	0.0001 U
4,4-DDT	mg/L	0.0001	0.0001 U	0.0001 U
Aldrin	mg/L	0.00002 (a)	0.00005 U	0.00005 U
alpha-BHC	mg/L	0.000006 (a)	0.00005 U	0.00005 U
alpha-Chlordane	mg/L	0.002	0.00005 U	0.00005 U
beta-BHC	mg/L	0.00002 (a)	0.00005 U	0.00005 U
delta-BHC	mg/L	see lindane*	0.00005 U	0.00005 U
Dieldrin	mg/L	0.00002 (a)	0.0001 U	0.0001 U
Endosulfan I	mg/L	0.002	0.00005 U	0.00005 U
Endosulfan II	mg/L	0.002	0.0001 U	0.0001 U
Endosulfan sulfate	mg/L	0.002	0.0001 U	0.0001 U
Endrin aldehyde	mg/L	see endrin*	0.0001 U	0.0001 U
Endrin ketone	mg/L	see endrin*	0.0001 U	0.0001 U
Endrin	mg/L	0.002	0.0001 U	0.0001 U
gamma-BHC (Lindane)	mg/L	0.0002	0.00005 U	0.00005 U
gamma-Chlordane	mg/L	0.002	0.00005 U	0.00005 U
Heptachlor epoxide	mg/L	0.0002	0.00005 U	0.00005 U
Heptachlor	mg/L	0.0004	0.00005 U	0.00005 U
Methoxychlor	mg/L	0.04	0.00051 U	0.00052 U
Toxaphene	mg/L	0.003	0.0051 U	0.0052 U

Notes:

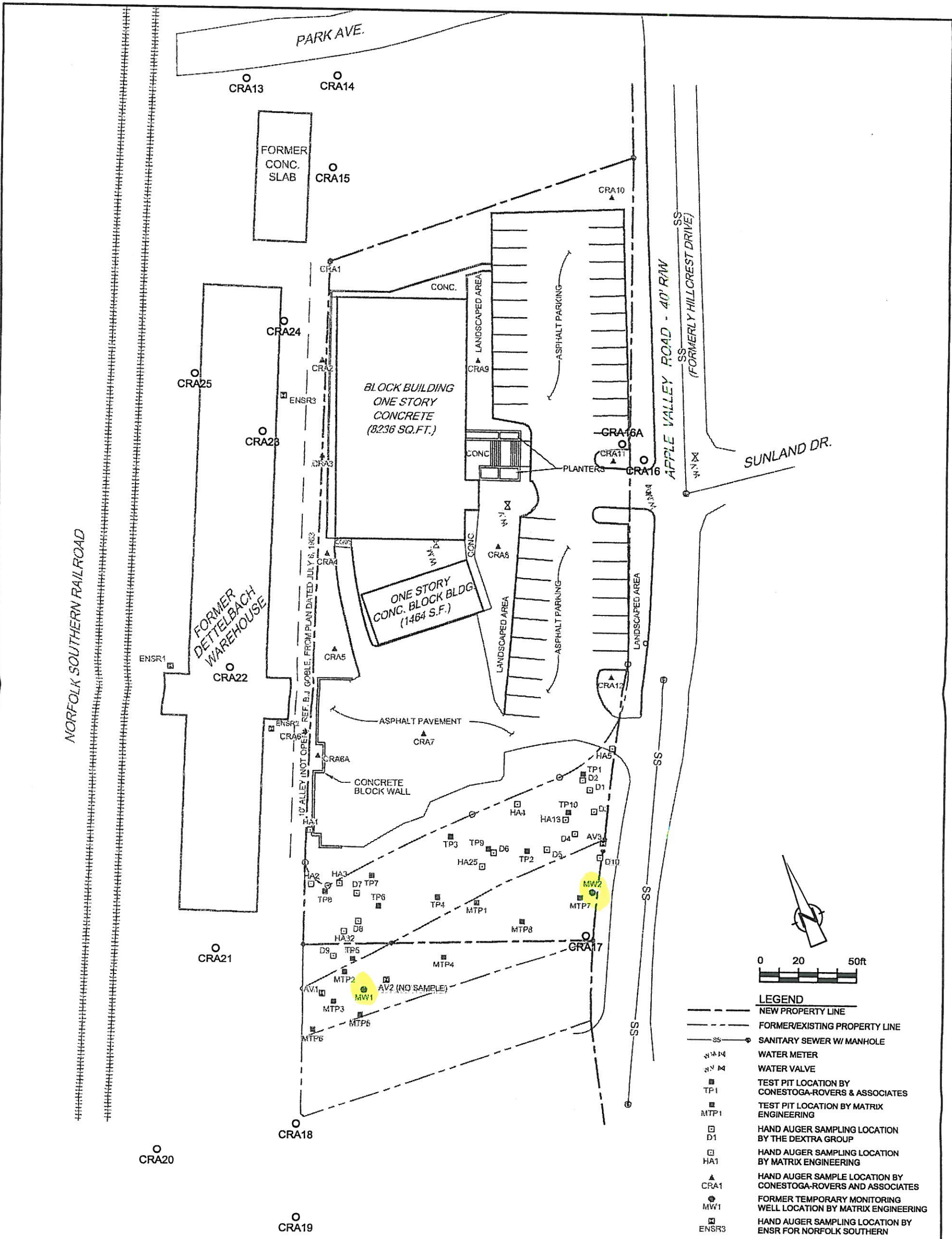
HSRA Type 1 RRS [§ 3] -- target concentrations for the groundwater protection criteria in the Georgia Rules for Hazardous Site Response, Rule 391-3-19-.07(6) [and (8)].

(a) -- because the health-based drinking water criterion is lower than the lowest achievable PQL, the actual detection limit or background is the promulgated RRS criterion.

* -- the value for this form of the substance is not established; the substance referenced is proposed as a surrogate.

U -- substance was not detected at the detection limit concentration given.

mg/L -- milligrams per liter (parts per million)



LEGEND

- NEW PROPERTY LINE
- - - - - FORMER/EXISTING PROPERTY LINE
- SS SANITARY SEWER W/ MANHOLE
- W/M WATER METER
- W/V WATER VALVE
- TP1 TEST PIT LOCATION BY CONESTOGA-ROVERS & ASSOCIATES
- MTP1 TEST PIT LOCATION BY MATRIX ENGINEERING
- D1 HAND AUGER SAMPLING LOCATION BY THE DEXTRA GROUP
- HA1 HAND AUGER SAMPLING LOCATION BY MATRIX ENGINEERING
- CRA1 HAND AUGER SAMPLE LOCATION BY CONESTOGA-ROVERS AND ASSOCIATES
- MW1 FORMER TEMPORARY MONITORING WELL LOCATION BY MATRIX ENGINEERING
- ENSR3 HAND AUGER SAMPLING LOCATION BY ENSR FOR NORFOLK SOUTHERN
- AV1 HAND AUGER SAMPLING LOCATION BY CORPORATE ENVIRONMENTAL RISK MANAGEMENT
- CRA13 CSR SOIL SAMPLING LOCATIONS BY CRA

- NOTES**
1. ALL OVERHEAD POWERLINES AND COMMUNICATION LINES ARE NOT SHOWN FOR CLARITY
 2. PLAN SOURCE: PT&B ENGINEERING, INC. LITHIA SPRINGS, GA.



figure 3.5
**LOCATIONS OF CSR SOIL SAMPLES
 FORMER DETTELBACH WAREHOUSE SITE
 Atlanta (Brookhaven), Georgia**

MONITORING WELL INSTALLATION AND GROUNDWATER SAMPLING

DRAFT REPORT AND LABORATORY DATA SHEETS

JULY 8, 2009, CRA



**CONESTOGA-ROVERS
& ASSOCIATES**

1412 Oakbrook Drive, Suite #180, Norcross, GA 30093
Telephone: (770) 441-0027 Fax: (770) 441-2050
www.CRAworld.com

DRAFT FOR REVIEW

July 8, 2009

Reference No. 015830

Mr. David Reuland
Department of Natural Resources
Hazardous Sites Response Program
2 Martin Luther King Jr. Drive, SE, Suite 1462 East
Atlanta, Georgia 30334

Dear Mr. Reuland:

RE: Monitoring Well Installation and Groundwater Sampling
Apple Valley Associates (AVA) Property
Atlanta, Georgia
HSI #10612

Conestoga-Rovers & Associates (CRA) completed installation and sampling of a monitoring well at the Apple Valley Associates (AVA) Property, which is located at 2600 Apple Valley Road, Atlanta, Georgia (Property or Site). The purpose of the monitoring well installation and groundwater sampling was to characterize groundwater beneath the Site.

1.0 MONITORING WELL LOCATION

Monitoring well, MW-1, is located north of the one story block building approximately 15 feet north from the foundation of the building. A Site location map is provided as Figure 1 and the location of the monitoring well is shown on Figure 2.

2.0 MONITORING WELL INSTALLATION

Atlas Geo Sampling (Atlas) of Marietta, Georgia, installed the monitoring well on May 9, 2009 under the direction of a CRA geologist, using the hollow stem auger (HSA) drilling method. The monitoring well was installed in general accordance with the Environmental Protection Authority (EPA) *Region IV Field Branches Quality System and Technical Procedures* dated February 2008. Soil samples were collected during drilling using direct push technology (DPT) for description of the soil stratigraphy. Each 2-foot interval of soil was screened for the presence of volatile organic constituents using a properly calibrated organic vapor analyzer equipped with a photoionization detector (PID). None of the soil samples screened showed the presence of volatile organic compounds. The results of field screening and soil descriptions are shown on the monitoring well log that is included as Attachment A. Soil cuttings generated during drilling were placed into 55-gallon drums and staged on the Dettelbach property. The well was installed

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Employment Opportunity
Employer





DRAFT FOR REVIEW

in an area of prior soil excavation. Soils encountered included imported fill overlying native that met the Type 1 Risk Reduction Standards (RRS) (reported under separate cover).

Once groundwater was encountered, the soil boring was advanced for an additional 8 feet and terminated at 35 feet below ground surface (BGS). The monitoring well was constructed using 2-inch diameter PVC using a 15-foot long section of screen with the remainder of the well constructed of solid PVC riser pipe. The annular space around the well was filled with sand to a depth of approximately 2-feet above the top of the screened interval. A 6-foot thick layer of hydrated bentonite pellets was poured in above the sand to create a seal. The remainder of the annular space in the well was filled with a neat cement grout to approximately 0.5 feet below ground surface. The monitoring well was finished with flush mount 8-inch diameter steel bolt down cover within a 2-foot by 2-foot concrete pad. Monitoring well construction details are provided in Attachment A.

The monitoring well was developed by removing eighteen well volumes of groundwater using a proactive/whaler pump approximately sixty-eight hours after well installation. The well development and stabilization forms are provided in Attachment B. The development water was contained in 55-gallon drums and staged at the Dettelbach Site pending receipt of analytical data .

2.1 GROUNDWATER PURGING AND SAMPLING

Depth to water was measured using an electronic water level gauging probe that was pre-cleaned with non-phosphatic soap and distilled water prior to use. The depth to groundwater below the top of casing (TOC) was measured and recorded to a precision of ± 0.01 foot.

Prior to sampling, the well was purged using low-flow purging (LFP) techniques in general accordance with the EPA Region IV Field Branches Quality System and Technical Procedures dated February 2008. The LFP technique was performed using a peristaltic pump fitted with new polyethylene tubing prior to use in the well. Field parameters (i.e., pH, conductivity, turbidity, temperature, dissolved oxygen [DO], and oxidation-reduction potential [ORP]) were measured using a flow-through cell. The LFP records are included in Attachment B. Flow rates were monitored, and maintained in order to minimize drawdown of the water column. Stabilization of the screened groundwater was evaluated using the real-time parameter data measured by the flow-through cell and was determined complete when three consecutive sets of parameter measurements were within specific ranges. Upon stabilization of the field parameters, purging was stopped and the groundwater sample collected with the same equipment used for purging.

Field personnel wore disposable gloves during all purging and sampling activities. Groundwater sample from the well was transferred directly into sample containers provided by the laboratory, Analytical Environmental Services, Inc., (AES). All sample containers were sealed, labeled, placed on ice in a cooler and transported with a chain of custody document to the AES laboratory in Atlanta, Georgia. All



DRAFT FOR REVIEW

observations and sampling information collected during sampling activities were recorded in a field book.

Purge water generated from the monitoring well during the event was collected in 5-gallon portable containers and transferred to the 55-gallons drum pending receipt of analytical data.

2.2 GROUNDWATER ANALYTICAL RESULT

The groundwater sample was collected from the monitoring well on June 3, 2009 and was submitted to AES for analyses of Target Compound List (TCL) pesticides.

A summary of the laboratory analytical results for the June 2009 sampling event is presented in Table 1. The complete laboratory data report and a memorandum certifying the data quality for the analytical data are included in Attachment C. None of the TCL pesticides were detected in the groundwater above their detection limit or their respective Type 1 RRS. Dieldrin was reported in the groundwater sample at an estimated value of 0.097 micrograms per Liter ($\mu\text{g}/\text{L}$), below its respective reporting limit of 0.10 $\mu\text{g}/\text{L}$.

3.0 SUMMARY OF FINDINGS

Based on the groundwater sample data, residual pesticides on soils on the Dettelbach Site and those previously in soils on the AVA Property have not impacted the groundwater quality beneath the AVA Property in excess of the Type 1 RRS.

Please contact the undersigned if you have any questions or comments on the above or attached.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES



**CONESTOGA-ROVERS
& ASSOCIATES**

July 8, 2009

4

Reference No. 015830

DRAFT FOR REVIEW

Terefe Mazengia, P.G.

Robert T. Pyle

TM/PM/01
Encl.

c.c: John Leach
Chet Tisdale

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: Dettlebach (AVA Property) **PROJECT NO.:** 15830
DATE OF WELL DEVELOPMENT: June 1, 2009
DEVELOPMENT CREW MEMBERS: T. Mazengia
PURGING METHOD: Proactive/Whaler pump
SAMPLE NO.: _____
SAMPLE TIME: _____

WELL INFORMATION

WELL NUMBER: MW-1
WELL TYPE (diameter/material): 2-inch PVC
MEASURING POINT ELEVATION: TOC
STATIC WATER DEPTH: 17.93 feet **ELEVATION:** _____
BOTTOM DEPTH: 34.70 feet **ELEVATION:** _____
WATER COLUMN LENGTH: 16.77 feet
SCREENED INTERVAL: 34.7 - 19.7 feet
WELL VOLUME: 2.678 gal

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
 1 meter = 0.5 liters
 For 2-inch diameter well: 1 foot = 0.16 US gallons
 1 meter = 2 liters
 For 4-inch diameter well: 1 foot = 0.70 US gallons
 1 meter = 8.2 liters

	1	2	3	4	5	6	7
VOLUME PURGED (volume/total volume):	2.7	5.4	8.1	10.8	13.5	16.2	18.9
FIELD pH:	No reading, Very Silty/muddy					5.5	Silty
DISSOLVED OXYGEN:	No reading, Very Silty/muddy					7.89	Silty
FIELD CONDUCTIVITY:	No reading, Very Silty/muddy					0.355	Silty
CLARITY/TURBIDITY VALUES:	No reading, Very Silty/muddy					-5	Silty
COLOR:	Dark brown/reddish brown					cloudy	Brown
ODOR:	None					None	None
COMMENTS:							

COPIES TO: _____

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: Dettlebach (AVA Property) PROJECT NO.: 15830
 DATE OF WELL DEVELOPMENT: June 1, 2009
 DEVELOPMENT CREW MEMBERS: T. Mazengia
 PURGING METHOD: Proactive/Whaler pump
 SAMPLE NO.: _____
 SAMPLE TIME: _____

WELL INFORMATION

WELL NUMBER: MW-1
 WELL TYPE (diameter/material) 2-inch PVC
 MEASURING POINT ELEVATION: TOC
 STATIC WATER DEPTH: 17.93 feet ELEVATION: _____
 BOTTOM DEPTH: 34.70 feet ELEVATION: _____
 WATER COLUMN LENGTH: 16.77 feet
 SCREENED INTERVAL: 34.7 - 19.7 feet
 WELL VOLUME: 2.678 gal

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
 1 meter = 0.5 liters
 For 2-inch diameter well: 1 foot = 0.16 US gallons
 1 meter = 2 liters
 For 4-inch diameter well: 1 foot = 0.70 US gallons
 1 meter = 8.2 liters

	UNITS	8	9	10	11	12	13
VOLUME PURGED (volume/total volume):		21.6	24.3	27	29.7	32.4	35.1
FIELD pH:	--	Silty	5.75	5.71	5.66	5.51	5.87
DISSOLVED OXYGEN:	---	Silty	7.88	7.62	6.41	5.97	7.08
FIELD CONDUCTIVITY:	---	Silty	0.368	0.382	0.363	0.349	0.361
CLARITY/TURBIDITY VALUES:	---	Silty	284	-5	-5	-5	282
COLOR:	---	turbid	Cloudy	Turbid	Turbid	Turbid	Cloudy
ODOR:	---	none	none	none	none	none	none
COMMENTS:	Well dried after the 10 th volume						

COPIES TO: _____

WELL DEVELOPMENT AND STABILIZATION FORM

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 DATE OF WELL DEVELOPMENT: June 1, 2009
 DEVELOPMENT CREW MEMBERS: T. Mazengia
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 1 meter = 8.2 liters

UNITS	14	15	16	17	18	
VOLUME PURGED (volume/total volume):	37.8	40.5	43.2	45.9	48.6	
FIELD pH:	---	5.76	5.69	5.56	5.74	5.61
DISSOLVED OXYGEN:	---	7.03	6.25	6.18	9.09	8.22
FIELD CONDUCTIVITY:	---	0.380	0.363	0.343	0.372	0.385
CLARITY/TURBIDITY VALUES:	---	-5	-5	-5	75.4	70.2
COLOR:	---	turbid	turbid	cloudy	clear	clear
ODOR:	---	none	none	none	none	none
COMMENTS:						

COPIES TO: _____



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 12, 2009

Bob Pyle
Conestoga, Rovers, & Associates, Inc.
1412 Oakbrook Dr
Norcross GA 30093

TEL: (770) 441-0027
FAX: (770) 441-2050

RE: Dettlebach

Dear Bob Pyle:

Order No: 0906289

Analytical Environmental Services, Inc. received 1 samples on June 3, 2009 11:15 am for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/08-06/30/09.
- AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 08/01/09.

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.

Chantelle Kanhai
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC

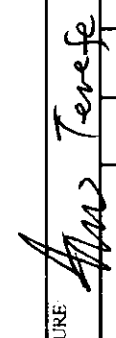
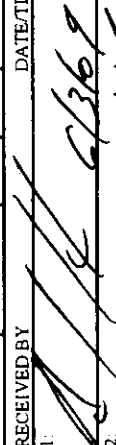
3785 Presidential Parkway, Atlanta GA 30340-3704

AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 0900289

Date: 6/3/09 Page 1 of 1

COMPANY CRA		ADDRESS 1412 Oakbrook Dr		ANALYSIS REQUESTED TIC Pesticide		Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers 2	
PHONE 770.441.0027		FAX 		MATRIX (Sec codes) 		REMARKS 			
SAMPLED BY Terese Mazengia		SIGNATURE 		Matrix 					
SAMPLE ID GW-060309-TBM-001		SAMPLED 		Composite 					
DATE 6/3/09 10:35		TIME 		Grab 					
RECEIVED BY Terese Mazengia		RECEIVED BY 		DATE/TIME 11:15					
DATE/TIME 6/3/09		DATE/TIME 11:15							
SPECIAL INSTRUCTIONS/COMMENTS See below for details		SHIPMENT METHOD OUT <input type="checkbox"/> VIA <input type="checkbox"/> IN <input checked="" type="checkbox"/> CLIENT FedEx <input type="checkbox"/> UPS <input type="checkbox"/> MAIL <input type="checkbox"/> COURIER <input type="checkbox"/> GREYHOUND <input type="checkbox"/> OTHER <input type="checkbox"/>		PROJECT INFORMATION PROJECT NAME Detteback					
				PROJECT # 15820					
				SITE ADDRESS Atlanta, GA					
				SEND REPORT TO:					
				QUOTE #: 					
				RECEIPT Total # of Containers 2					
				Turnaround Time Request <input checked="" type="checkbox"/> Standard 5 Business Days <input type="checkbox"/> 2 Business Day Rush <input type="checkbox"/> Next Business Day Rush <input type="checkbox"/> Same Day Rush (auth req.) <input type="checkbox"/> Other					
				STATE PROGRAM (if any) _____ E-mail? Y/N; _____ Fax? Y/N _____					
				DATA PACKAGE: I II III IV					

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

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) 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: 12-Jun-09

CLIENT: Conestoga, Rovers, & Associates, Inc.
Lab Order: 0906289
Project: Dettlebach
Lab ID: 0906289-001

Client Sample ID: GW-060309-TBM-001
Collection Date: 6/3/2009 10:35:00 AM
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Rpt. Limit	Units	BatchID	DF	Date Analyzed
CHLORINATED PESTICIDES, TCL SW8081B				(SW3510B)		Analyst: KDD		
4,4'-DDD	BRL		0.015	0.10	ug/L	114053	1	6/5/2009 6:01:00 PM
4,4'-DDE	BRL		0.016	0.10	ug/L	114053	1	6/5/2009 6:01:00 PM
4,4'-DDT	BRL		0.030	0.10	ug/L	114053	1	6/5/2009 6:01:00 PM
Aldrin	BRL		0.0091	0.050	ug/L	114053	1	6/5/2009 6:01:00 PM
alpha-BHC	BRL		0.0066	0.050	ug/L	114053	1	6/5/2009 6:01:00 PM
alpha-Chlordane	BRL		0.0069	0.050	ug/L	114053	1	6/5/2009 6:01:00 PM
beta-BHC	BRL		0.019	0.050	ug/L	114053	1	6/5/2009 6:01:00 PM
delta-BHC	BRL		0.0060	0.050	ug/L	114053	1	6/5/2009 6:01:00 PM
Dieldrin	0.097	J	0.016	0.10	ug/L	114053	1	6/5/2009 6:01:00 PM
Endosulfan I	BRL		0.016	0.050	ug/L	114053	1	6/5/2009 6:01:00 PM
Endosulfan II	BRL		0.018	0.10	ug/L	114053	1	6/5/2009 6:01:00 PM
Endosulfan sulfate	BRL		0.015	0.10	ug/L	114053	1	6/5/2009 6:01:00 PM
Endrin	BRL		0.016	0.10	ug/L	114053	1	6/5/2009 6:01:00 PM
Endrin aldehyde	BRL		0.014	0.10	ug/L	114053	1	6/5/2009 6:01:00 PM
Endrin ketone	BRL		0.065	0.10	ug/L	114053	1	6/5/2009 6:01:00 PM
gamma-BHC	BRL		0.0072	0.050	ug/L	114053	1	6/5/2009 6:01:00 PM
gamma-Chlordane	BRL		0.012	0.050	ug/L	114053	1	6/5/2009 6:01:00 PM
Heptachlor	BRL		0.0085	0.050	ug/L	114053	1	6/5/2009 6:01:00 PM
Heptachlor epoxide	BRL		0.011	0.050	ug/L	114053	1	6/5/2009 6:01:00 PM
Methoxychlor	BRL		0.055	0.50	ug/L	114053	1	6/5/2009 6:01:00 PM
Toxaphene	BRL		0.26	5.0	ug/L	114053	1	6/5/2009 6:01:00 PM
Surr: Decachlorobiphenyl	86.1		0	17.4-126	%REC	114053	1	6/5/2009 6:01:00 PM
Surr: Tetrachloro-m-xylene	59.5		0	17.6-117	%REC	114053	1	6/5/2009 6:01:00 PM

Qualifiers:				
*	Value exceeds Maximum Contaminant Level	<	Less than Result value	
>	Greater than Result value	B	Analyte detected in the associated Method Blank	
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	
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix	
		BRL	Not detected at MDL	

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client CRA

Work Order Number 0906289

Checklist completed by [Signature] 6/3/09
Signature Date

Carrier name: FedEx UPS Courier Client US Mail Other

Shipping container/cooler in good condition? Yes No Not Present

Custody seals intact on shipping container/cooler? Yes No Not Present

Custody seals intact on sample bottles? Yes No Not Present

Container/Temp Blank temperature in compliance? (4°C±2)* Yes No

Cooler #1 3-8°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 [Signature]

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.

CLIENT: Conestoga, Rovers, & Associates, Inc.
Work Order: 0906289
Project: Dettlebach

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: MB-114053	SampType: MBLK	Batch ID: 114053	Units: ug/L	Prep Date: 6/4/2009	RunNo: 149360						
Client ID:	TestCode: CHLORINATED PESTICIDES, TCL SW8081B	Analysis Date: 6/5/2009	SeqNo: 3070468								
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	BRL	0.10	0	0	0	0	0	0	0		
4,4'-DDE	BRL	0.10	0	0	0	0	0	0	0		
4,4'-DDT	BRL	0.10	0	0	0	0	0	0	0		
Aldrin	BRL	0.050	0	0	0	0	0	0	0		
alpha-BHC	BRL	0.050	0	0	0	0	0	0	0		
alpha-Chlordane	BRL	0.050	0	0	0	0	0	0	0		
beta-BHC	BRL	0.050	0	0	0	0	0	0	0		
delta-BHC	BRL	0.050	0	0	0	0	0	0	0		
Dieldrin	BRL	0.10	0	0	0	0	0	0	0		
Endosulfan I	BRL	0.050	0	0	0	0	0	0	0		
Endosulfan II	BRL	0.10	0	0	0	0	0	0	0		
Endosulfan sulfate	BRL	0.10	0	0	0	0	0	0	0		
Endrin	BRL	0.10	0	0	0	0	0	0	0		
Endrin aldehyde	BRL	0.10	0	0	0	0	0	0	0		
Endrin ketone	BRL	0.10	0	0	0	0	0	0	0		
gamma-BHC	BRL	0.050	0	0	0	0	0	0	0		
gamma-Chlordane	BRL	0.050	0	0	0	0	0	0	0		
Heptachlor	BRL	0.050	0	0	0	0	0	0	0		
Heptachlor epoxide	BRL	0.050	0	0	0	0	0	0	0		
Methoxychlor	BRL	0.50	0	0	0	0	0	0	0		
Toxaphene	BRL	5.0	0	0	0	0	0	0	0		
Surr: Decachlorobiphenyl	0.4093	0	0.5	0	81.9	17.4	126	0	0		
Surr: Tetrachloro-m-xylene	0.1801	0	0.5	0	36	17.6	117	0	0		

Qualifiers:	<	Less than Result value	>	Greater than Result value	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

CLIENT: Conestoga, Rovers, & Associates, Inc.
Work Order: 0906289
Project: Dettlebach

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: LCS-114053		SampType: LCS		Batch ID: 114053		Units: ug/L		Prep Date: 6/4/2009		RunNo: 149360	
Client ID:		TestCode: CHLORINATED PESTICIDES, TCL SW8081B				Analysis Date: 6/5/2009		SeqNo: 3070471			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	0.958	0.10	1	0	95.8	50.2	130	0	0		
Aldrin	0.7594	0.050	1	0	75.9	37.6	126	0	0		
Dieldrin	0.9027	0.10	1	0	90.3	52.8	138	0	0		
Endrin	0.928	0.10	1	0	92.8	44.4	129	0	0		
gamma-BHC	0.8793	0.050	1	0	87.9	44	134	0	0		
Heptachlor	0.7926	0.050	1	0	79.3	46.1	123	0	0		
Surr: Decachlorobiphenyl	0.3028	0	0.5	0	60.6	17.4	126	0	0		
Surr: Tetrachloro-m-xylene	0.3526	0	0.5	0	70.5	17.6	117	0	0		

Sample ID: 0906245-003CMS		SampType: MS		Batch ID: 114053		Units: ug/L		Prep Date: 6/4/2009		RunNo: 149360	
Client ID:		TestCode: CHLORINATED PESTICIDES, TCL SW8081B				Analysis Date: 6/5/2009		SeqNo: 3070477			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	0.9336	0.10	1	0	93.4	23.3	141	0	0		
Aldrin	0.7614	0.050	1	0	76.1	28.4	126	0	0		
Dieldrin	0.9141	0.10	1	0	91.4	38.8	146	0	0		
Endrin	0.923	0.10	1	0	92.3	37.2	140	0	0		
gamma-BHC	0.8729	0.050	1	0	87.3	44.7	132	0	0		
Heptachlor	0.7977	0.050	1	0	79.8	42.4	125	0	0		
Surr: Decachlorobiphenyl	0.3326	0	0.5	0	66.5	17.4	126	0	0		
Surr: Tetrachloro-m-xylene	0.4358	0	0.5	0	87.2	17.6	117	0	0		

Sample ID: 0906245-003CMSD		SampType: MSD		Batch ID: 114053		Units: ug/L		Prep Date: 6/4/2009		RunNo: 149360	
Client ID:		TestCode: CHLORINATED PESTICIDES, TCL SW8081B				Analysis Date: 6/5/2009		SeqNo: 3070480			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	0.9793	0.10	1	0	97.9	23.3	141	0.9336	4.78	23.8	
Aldrin	0.7062	0.050	1	0	70.6	28.4	126	0.7614	7.52	28.4	

Qualifiers:	< Less than Result value	> Greater than Result value	B	Analyte detected in the associated Method Blank
	BRL Below Reporting Limit	E Estimated value above quantitation range	H	Holding times for preparation or analysis exceeded
	J Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim Reporting Limit	S Spike Recovery outside limits due to matrix		

CLIENT: Conestoga, Rovers, & Associates, Inc.
Work Order: 0906289
Project: Dettlebach

ANALYTICAL QC SUMMARY REPORT

TestCode: CHLORINATED PESTICIDES, TCL SW8081B

Sample ID: 0906245-003CMSD	SampType: MSD	Batch ID: 114053	Units: ug/L	Prep Date: 6/4/2009	RunNo: 149360						
Client ID:	TestCode: CHLORINATED PESTICIDES, TCL SW8081B			Analysis Date: 6/5/2009	SeqNo: 3070480						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.9306	0.10	1	0	93.1	38.8	146	0.9141	1.79	22.6	
Endrin	0.9415	0.10	1	0	94.1	37.2	140	0.923	1.98	23.4	
gamma-BHC	0.8111	0.050	1	0	81.1	44.7	132	0.8729	7.34	27.7	
Heptachlor	0.7395	0.050	1	0	74	42.4	125	0.7977	7.57	32.5	
Surr: Decachlorobiphenyl	0.3441	0	0.5	0	68.8	17.4	126	0.3326	0	0	
Surr: Tetrachloro-m-xylene	0.4335	0	0.5	0	86.7	17.6	117	0.4358	0	0	

Qualifiers:	< Less than Result value	> Greater than Result value	B Analyte detected in the associated Method Blank
	BRL Below Reporting Limit	E Estimated value above quantitation range	H Holding times for preparation or analysis exceeded
	J Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
	Rpt Lim Reporting Limit	S Spike Recovery outside limits due to matrix	

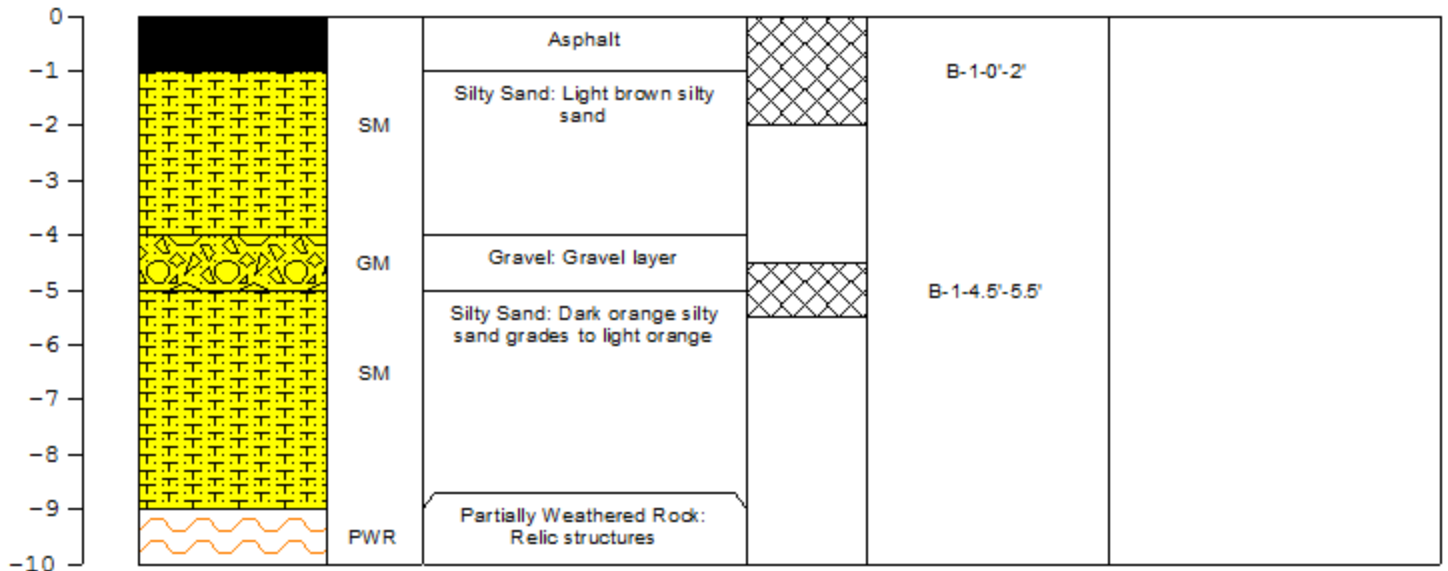
APPENDIX E
SOIL BORING LOGS

BORING LOG

BORING NO.: B-1
TOTAL DEPTH: 10'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



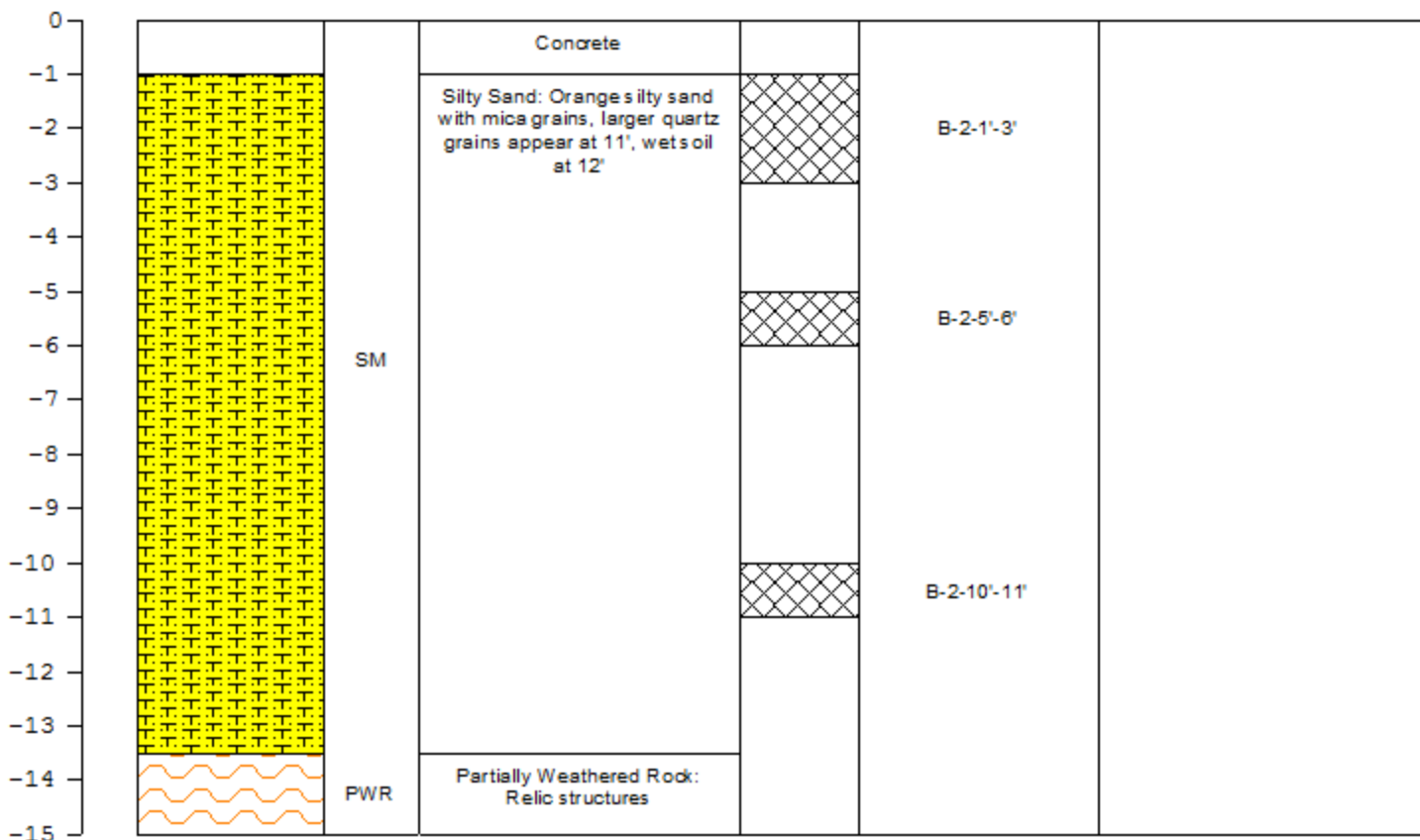
BORING LOG

BORING NO.: B-2

TOTAL DEPTH: 15'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

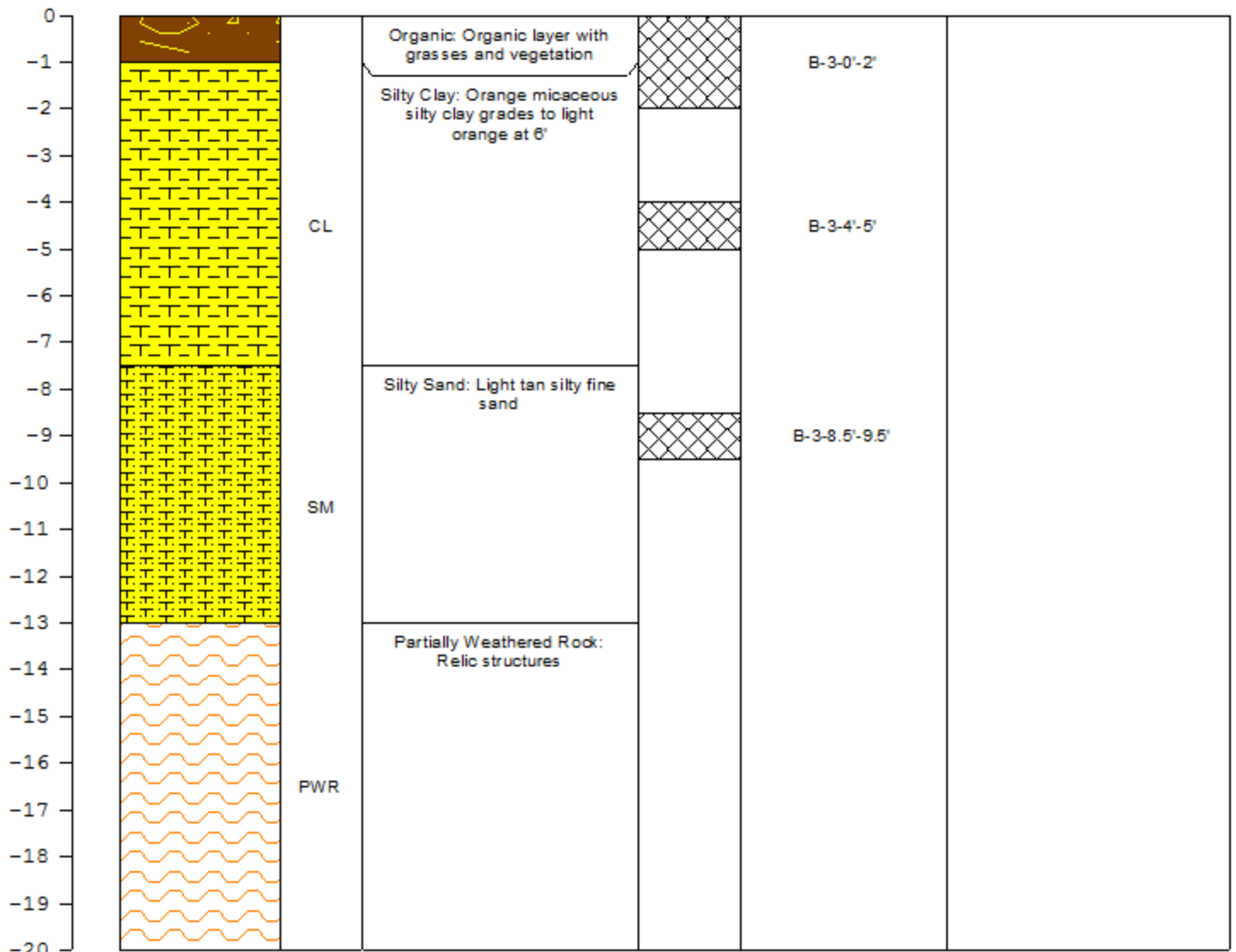


BORING LOG

BORING NO.: B-3
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

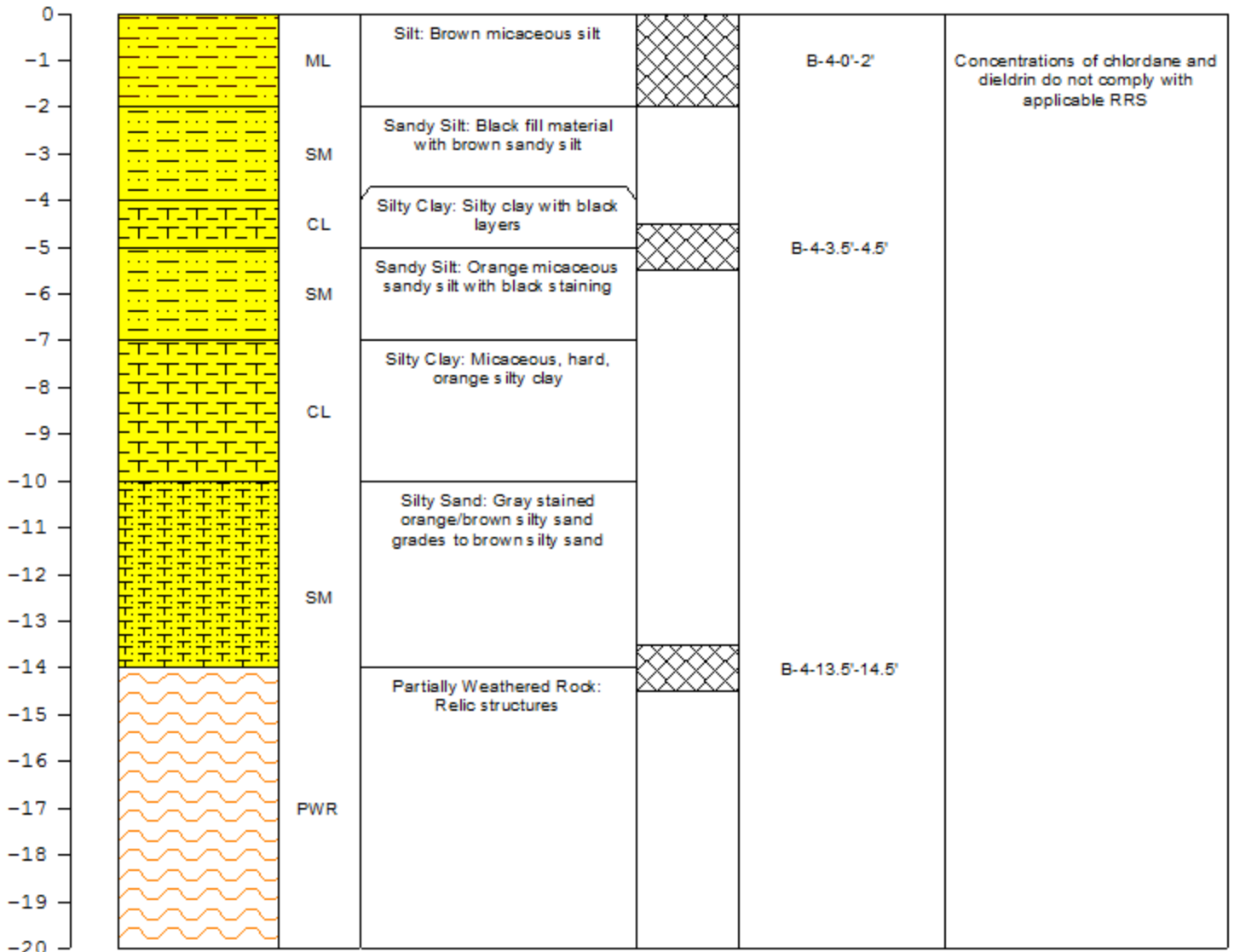


BORING LOG

BORING NO.: B-4
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMServices
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

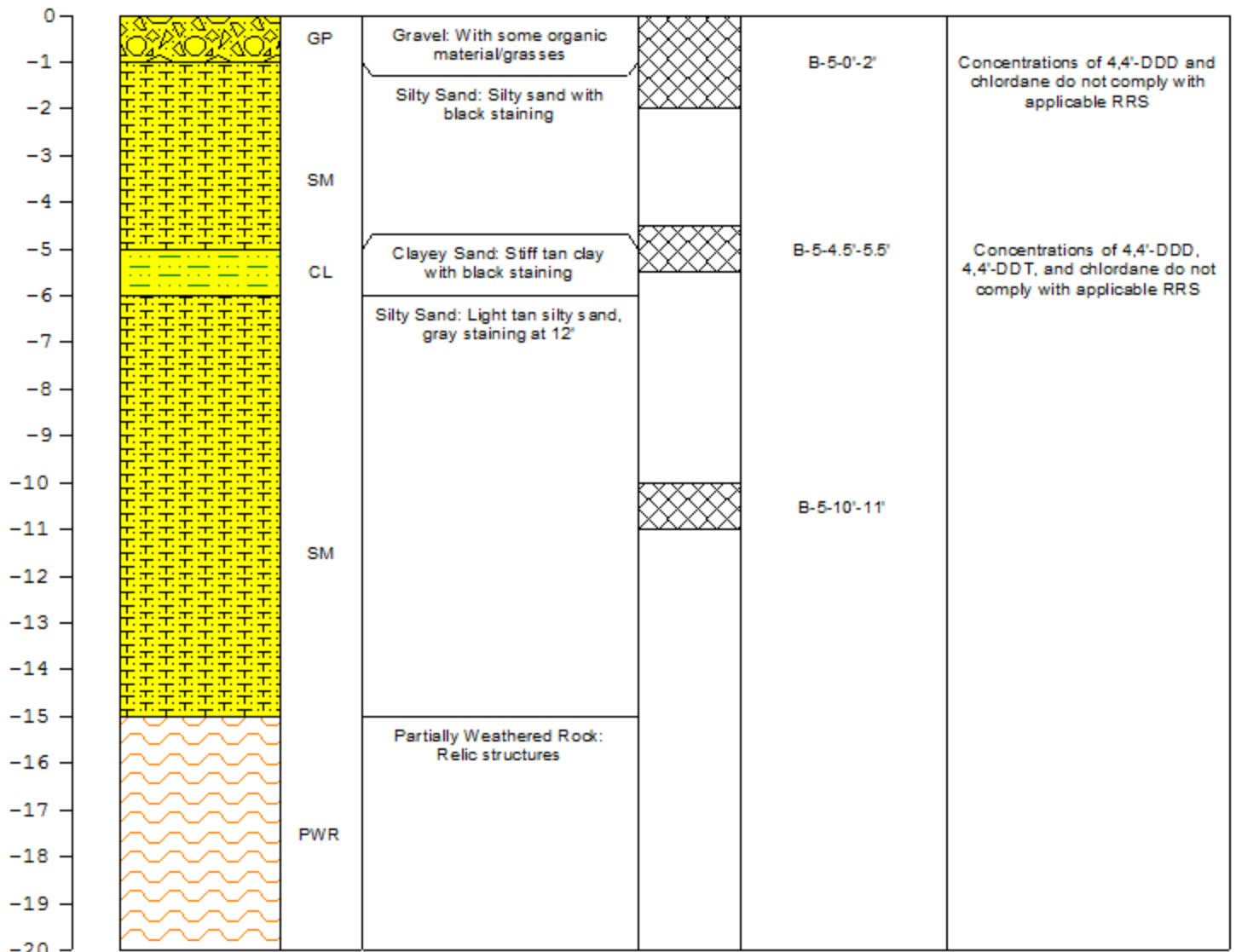


BORING LOG

BORING NO.: B-5
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

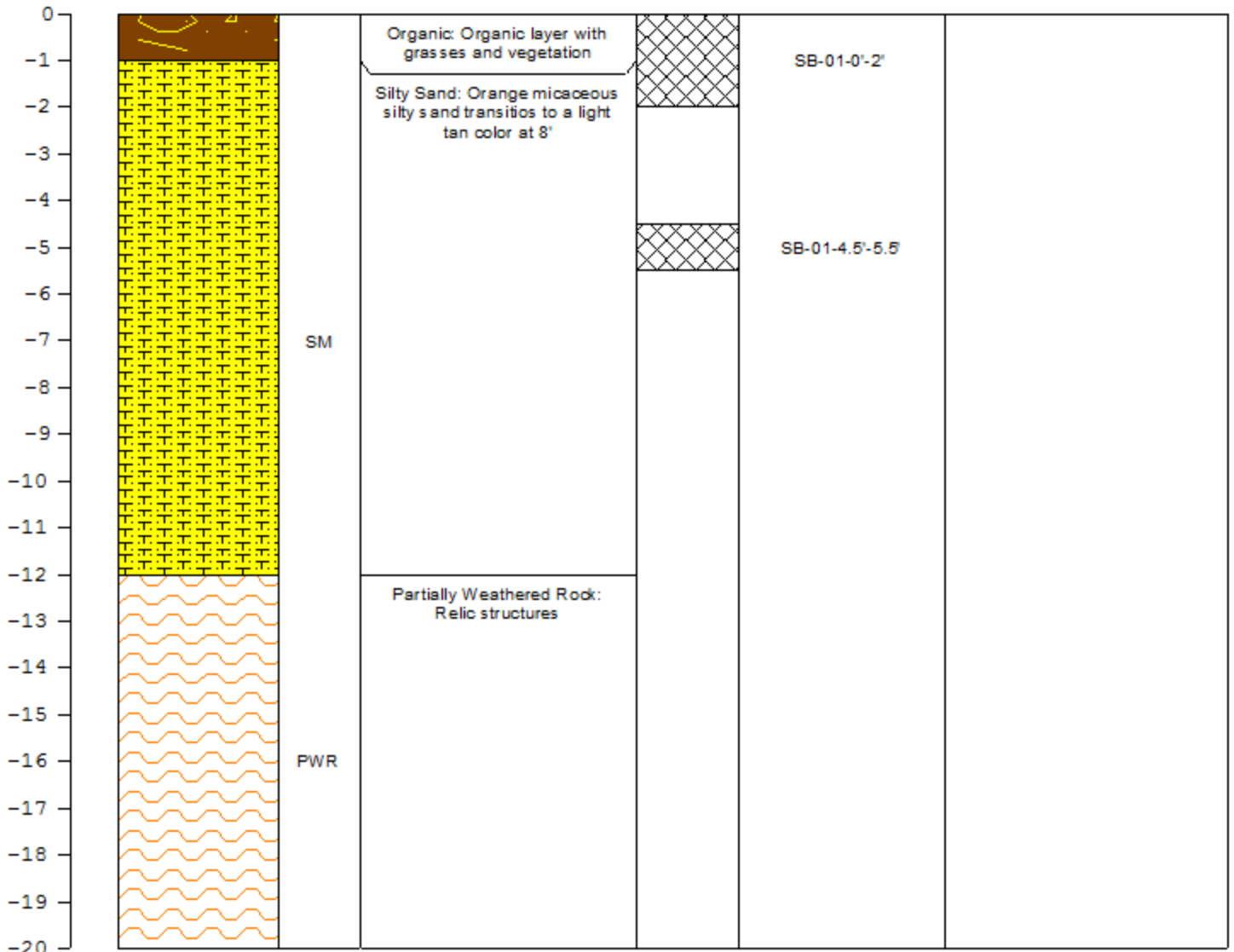


BORING LOG

BORING NO.: SB-01
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



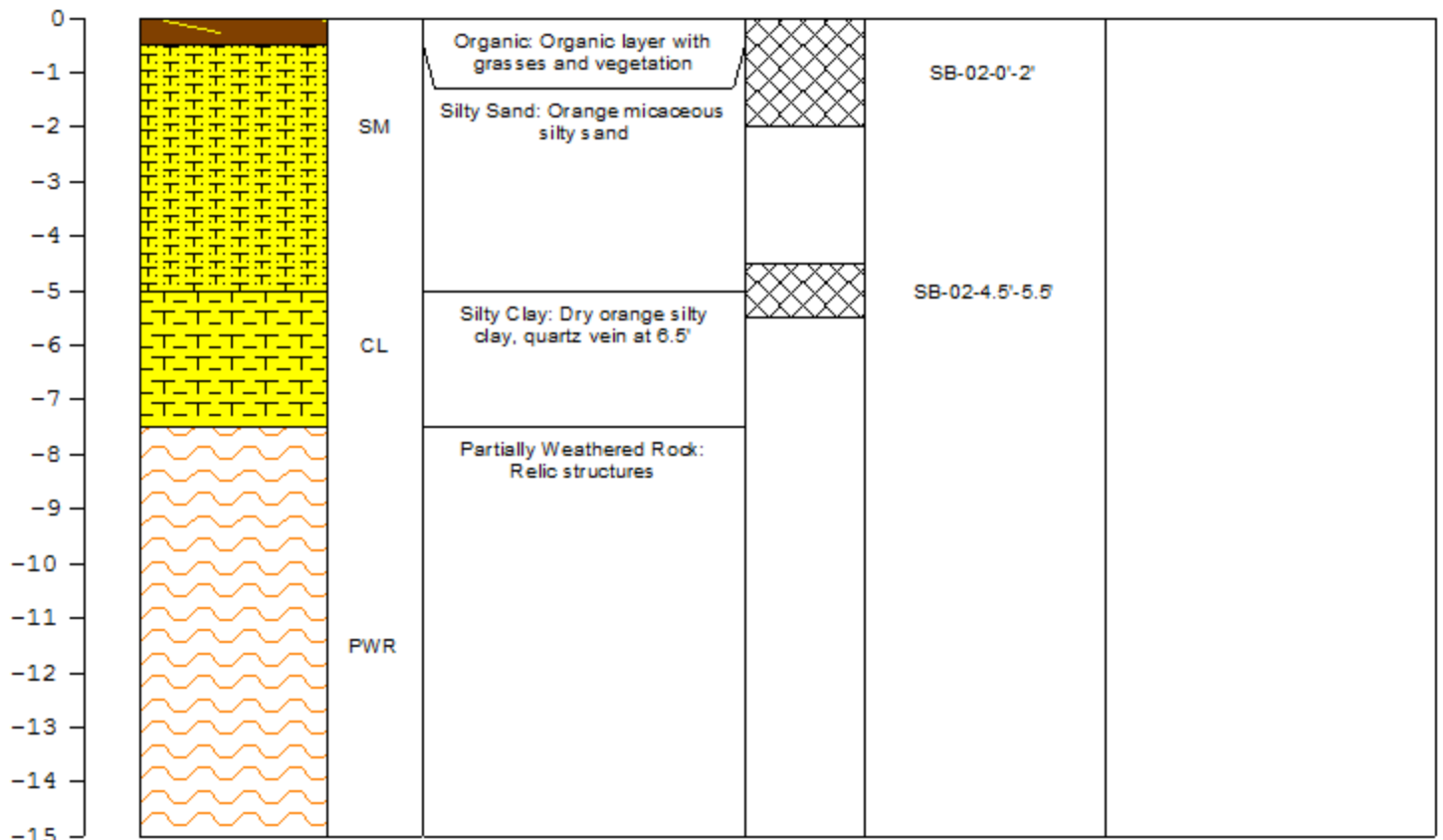
BORING LOG

BORING NO.: SB-02

TOTAL DEPTH: 15'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

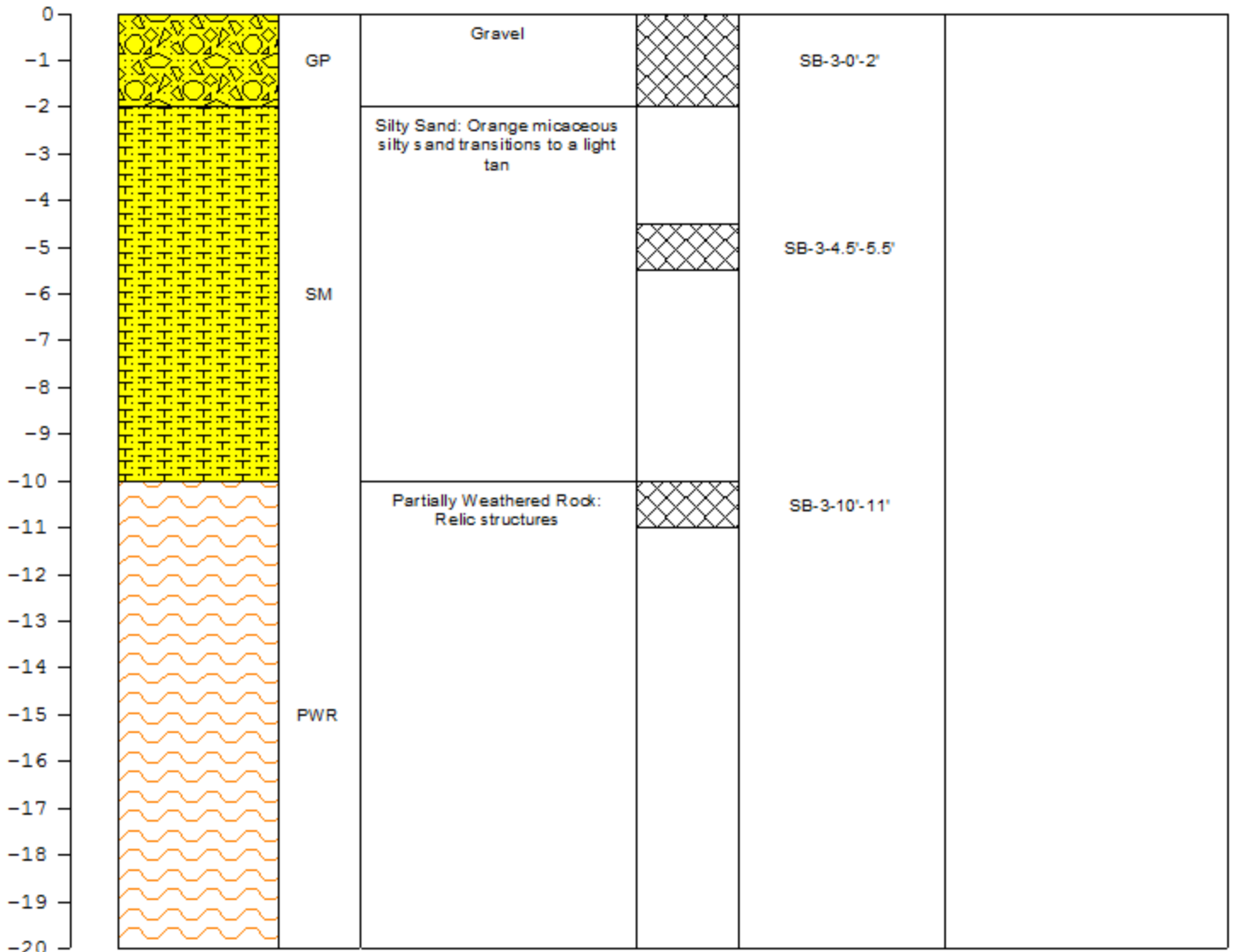


BORING LOG

BORING NO.: SB-3
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

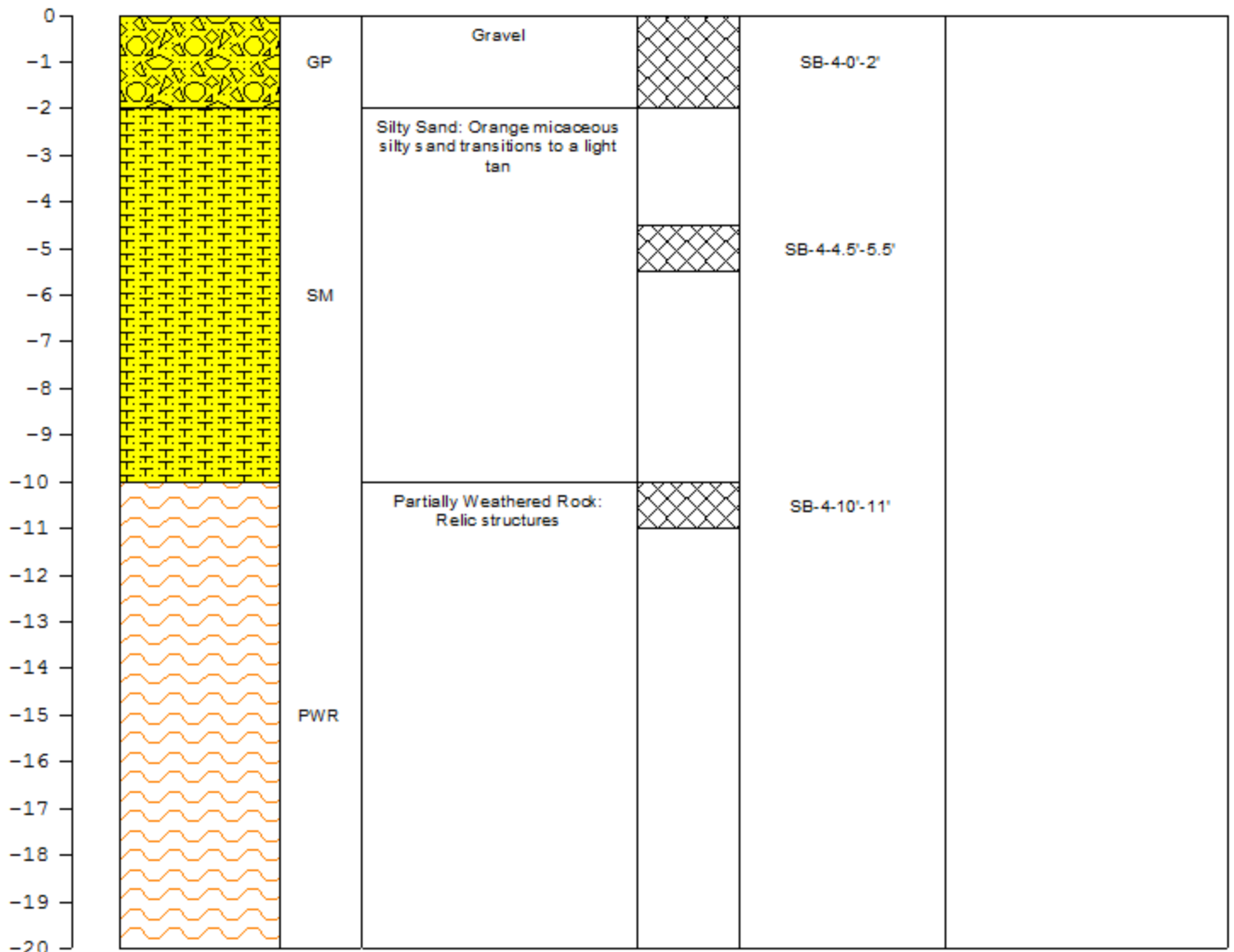


BORING LOG

BORING NO.: SB-4
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

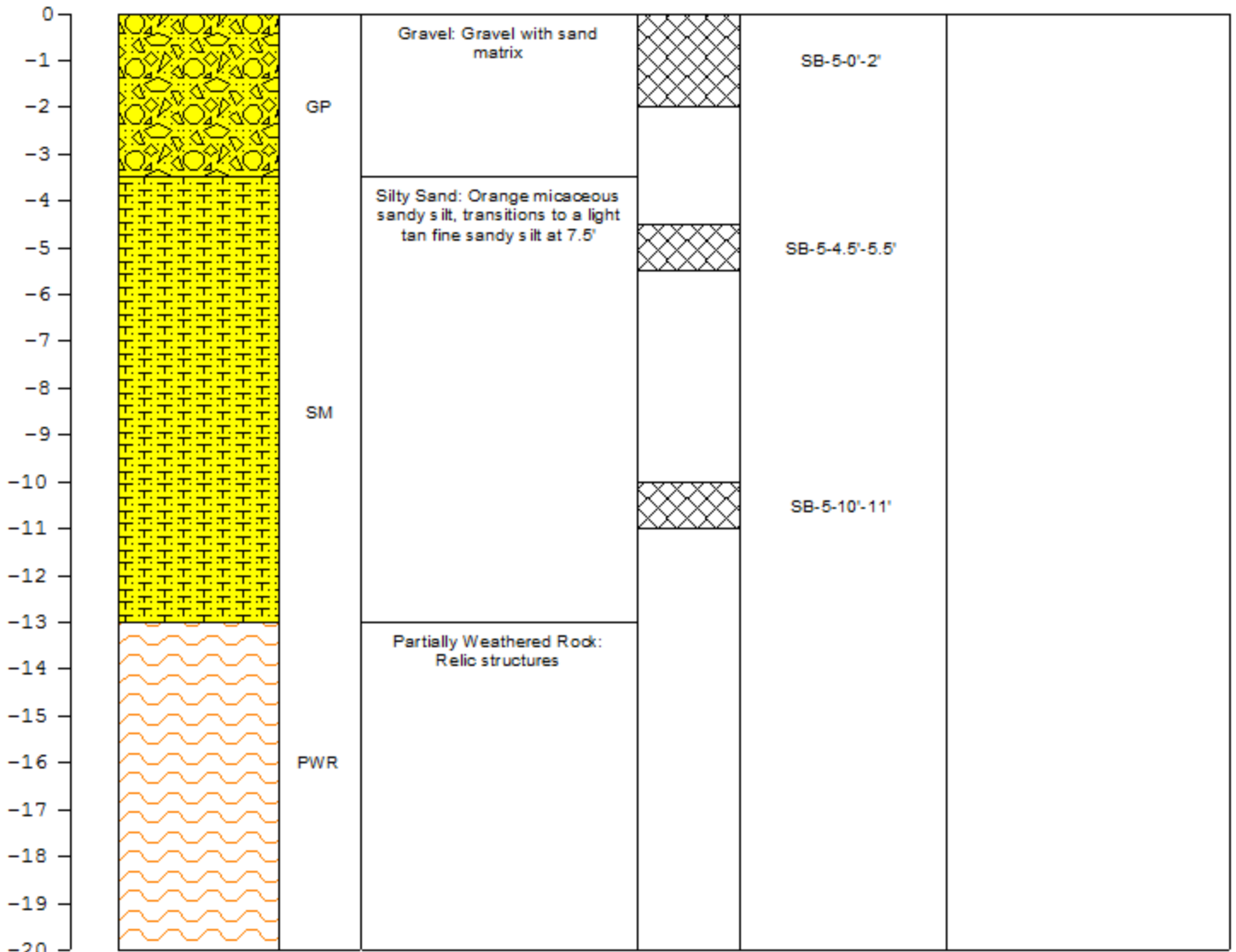


BORING LOG

BORING NO.: SB-5
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

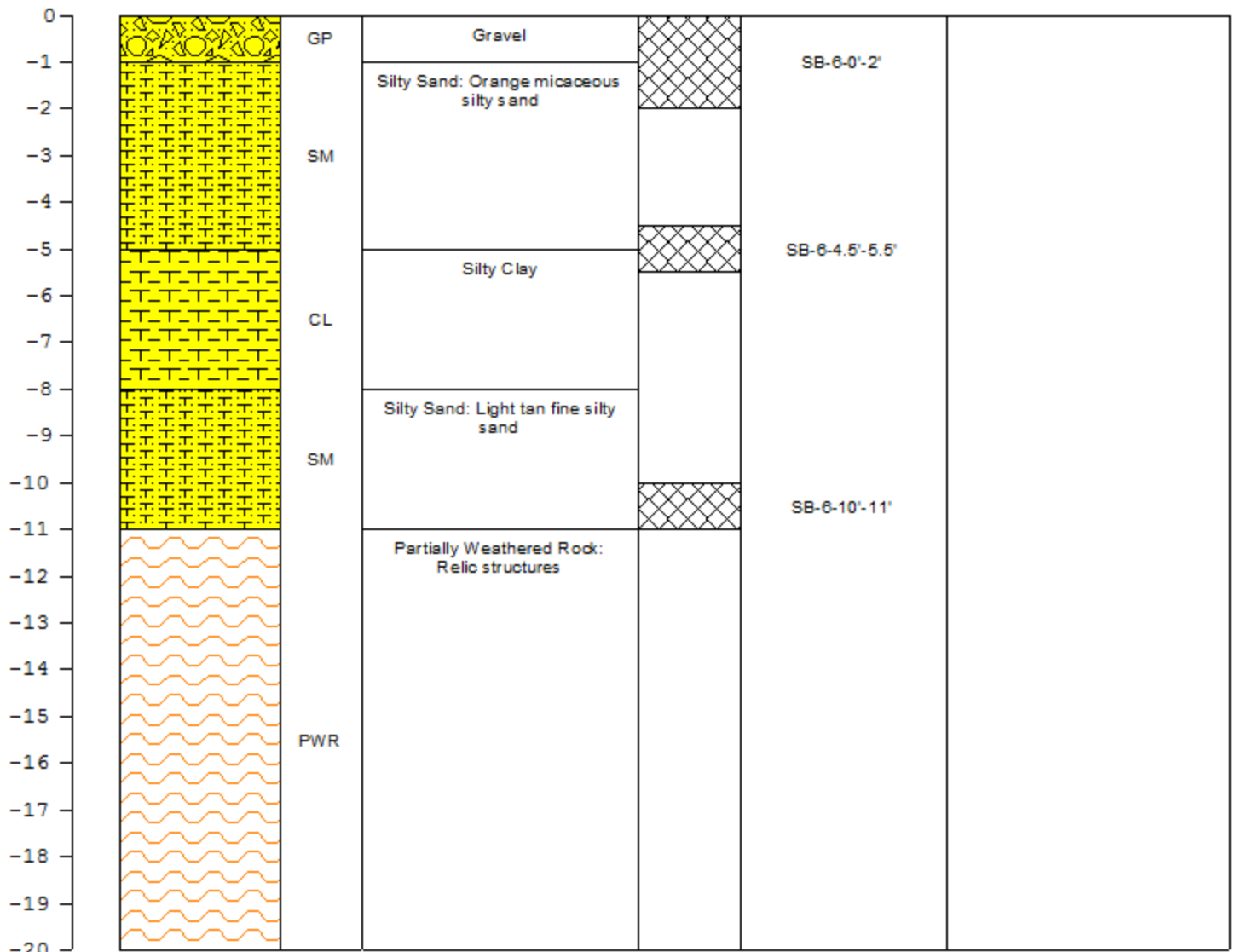


BORING LOG

BORING NO.: SB-6
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

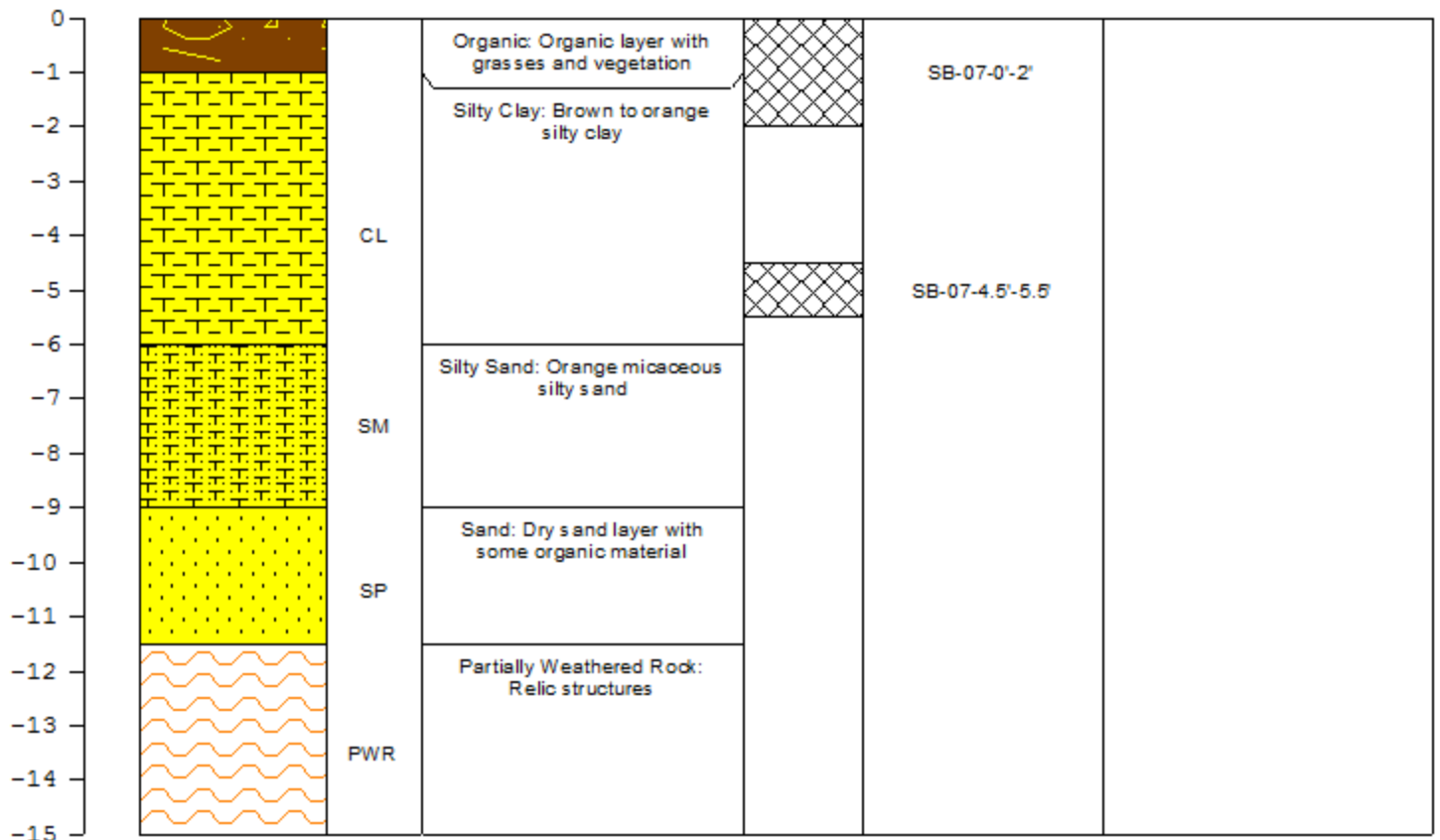


BORING LOG

BORING NO.: SB-07
TOTAL DEPTH: 15'

PROJECT INFORMATION			DRILLING INFORMATION		
PROJECT:	Rollins - Soil Investigation		DRILLING CO.:	EMS	
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia		DRILLING METHOD:	Direct Push	
JOB NO.:	02.20140272.00		DATE:	07/01/2014	
PROJECT MANAGER:	K. Rivera		GPS LOCATION	ACCURACY: N/A	
LOGGED BY:	K. Rivera		LAT.: Not Measured	LONG.: Not Measured	

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



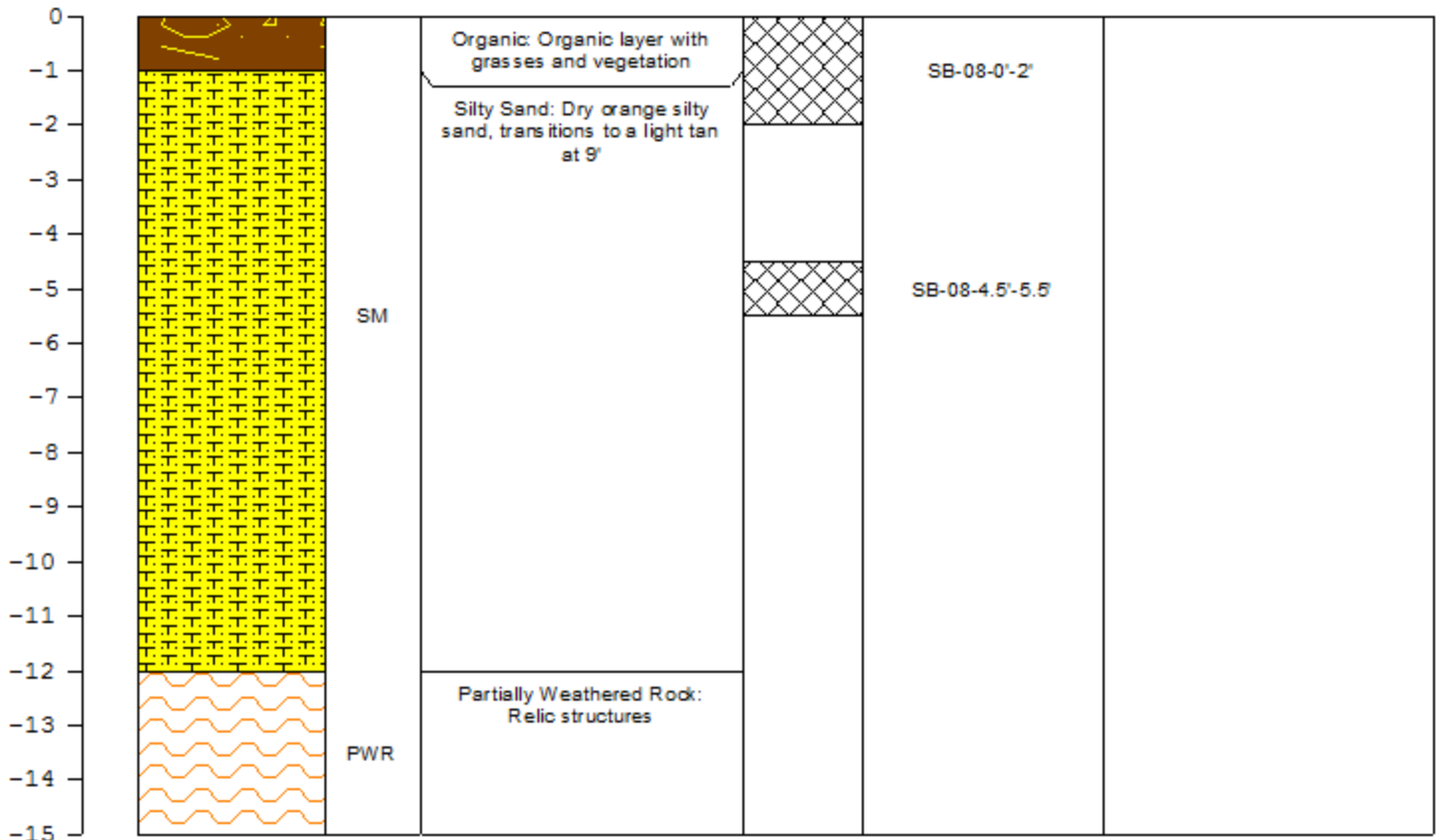
BORING LOG

BORING NO.: SB-08

TOTAL DEPTH: 15'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

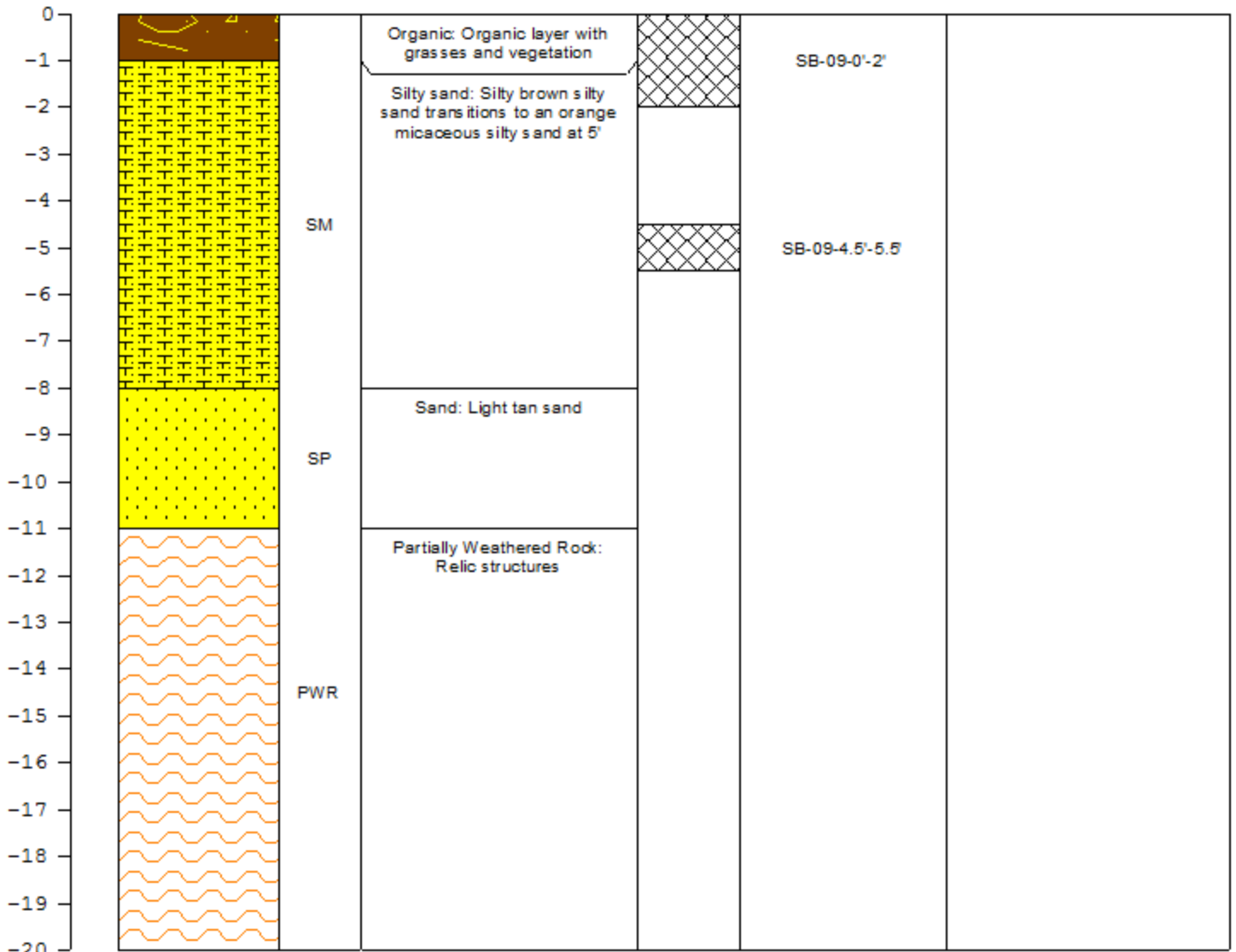


BORING LOG

BORING NO.: SB-09
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



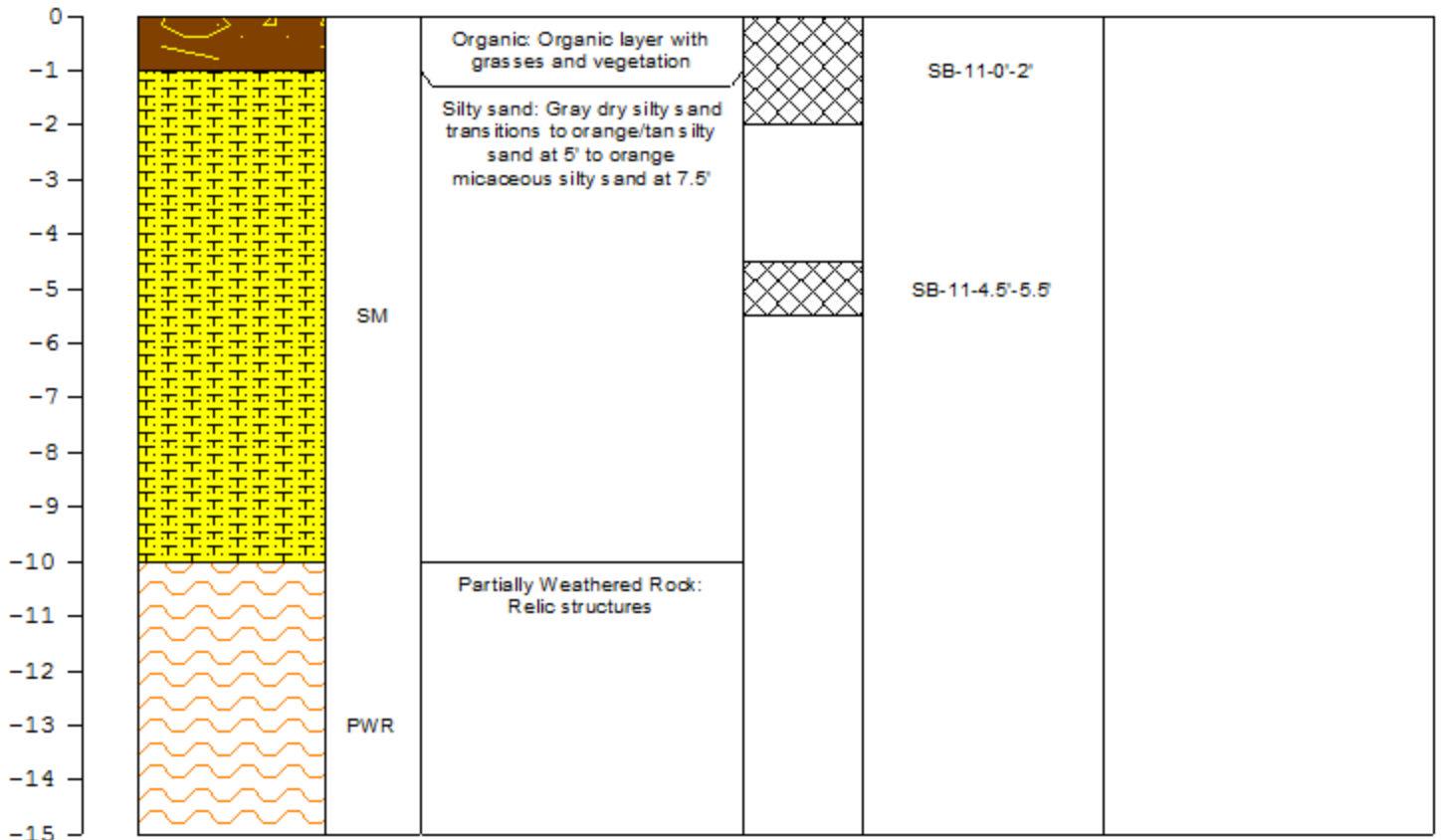
BORING LOG

BORING NO.: SB-11

TOTAL DEPTH: 15'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



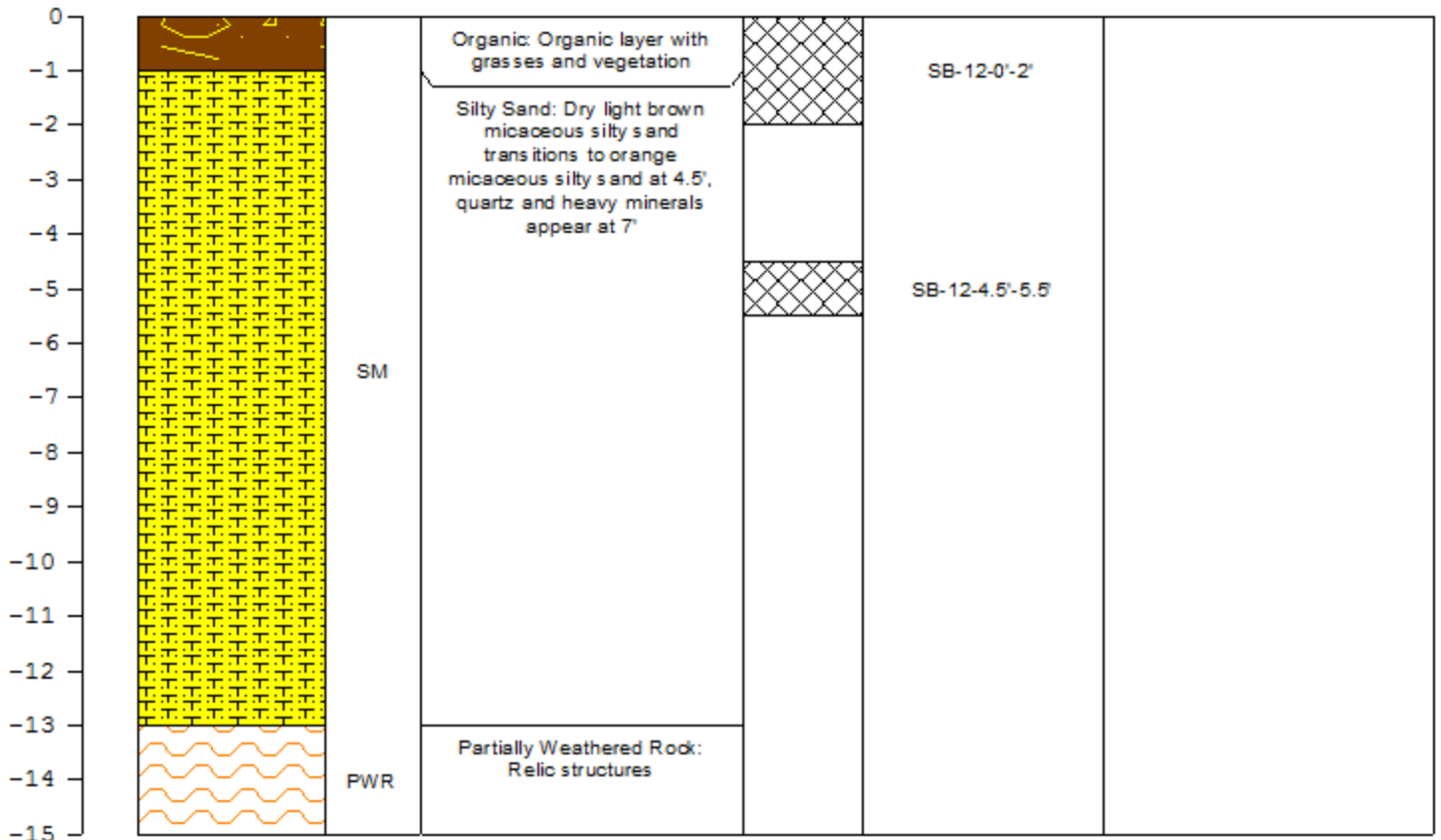
BORING LOG

BORING NO.: SB-12

TOTAL DEPTH: 15'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	


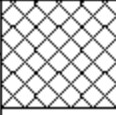
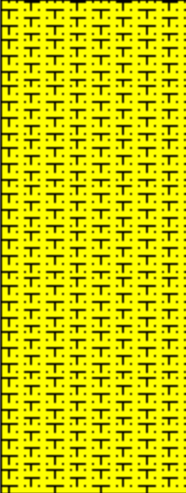




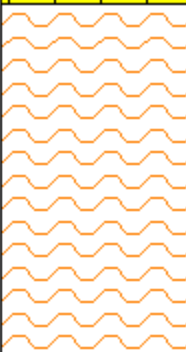


BORING LOG

BORING NO.: SB-14
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

0		GP	Gravel: Black stained gravel		SB-14-0'-2'	Concentrations of chlordane and dieldrin do not comply with applicable RRS
-1			Silty Sand: Black/gray stained silty sand grades to orange micaceous silty sand at 5', black stain at 6'			
-2					SB-14-4.5'-5.5'	
-3		SM				
-4					SB-14-10'-11'	
-5		SP	Sand: Light tan sand			
-6						
-7		SM	Silty Sand: Orange micaceous silty sand			
-8						
-9		PWR	Partially Weathered Rock: Relic structures			
-10						
-11						
-12						
-13						
-14						
-15						
-16						
-17						
-18						
-19						
-20						

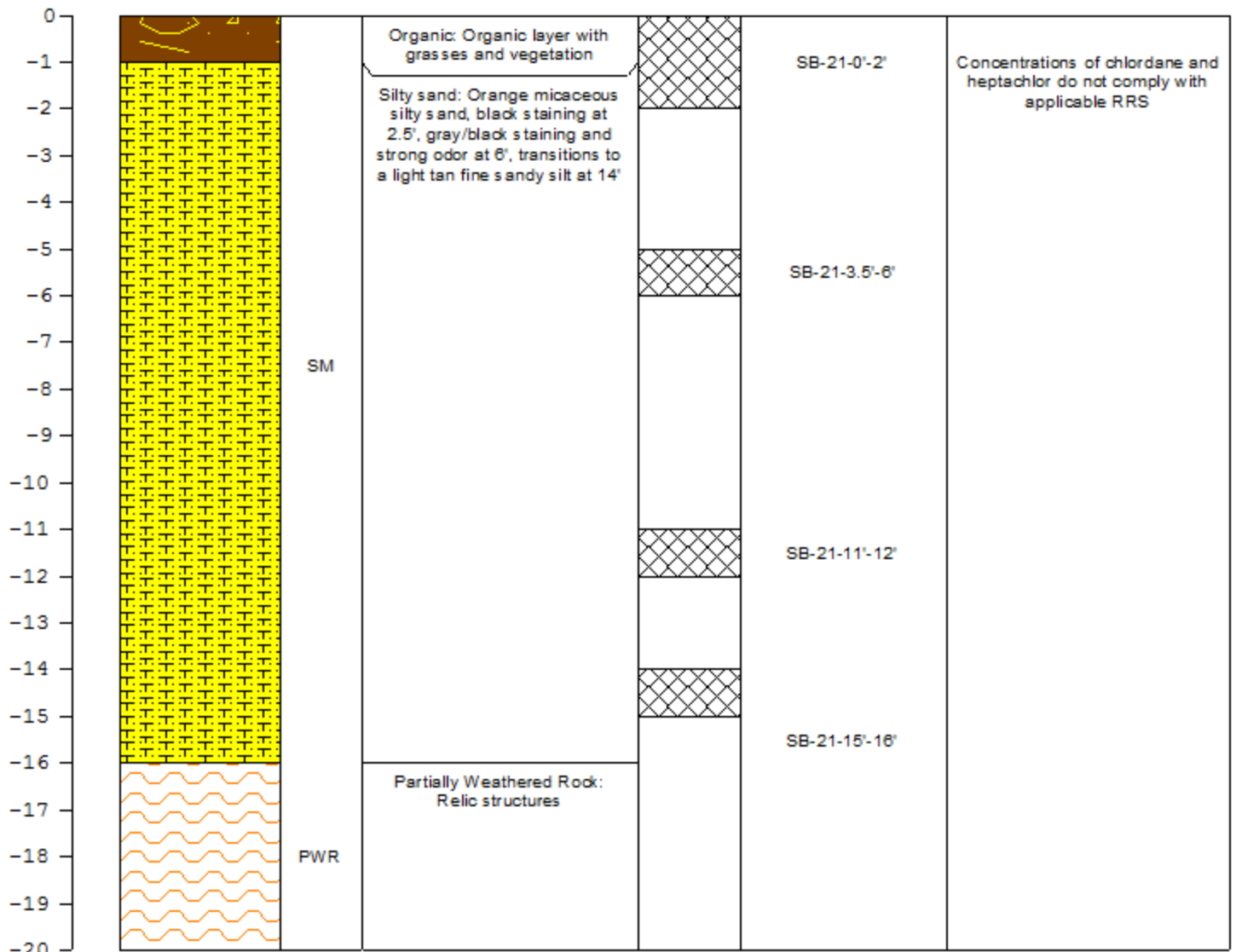
BORING LOG

BORING NO.: SB-15

TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



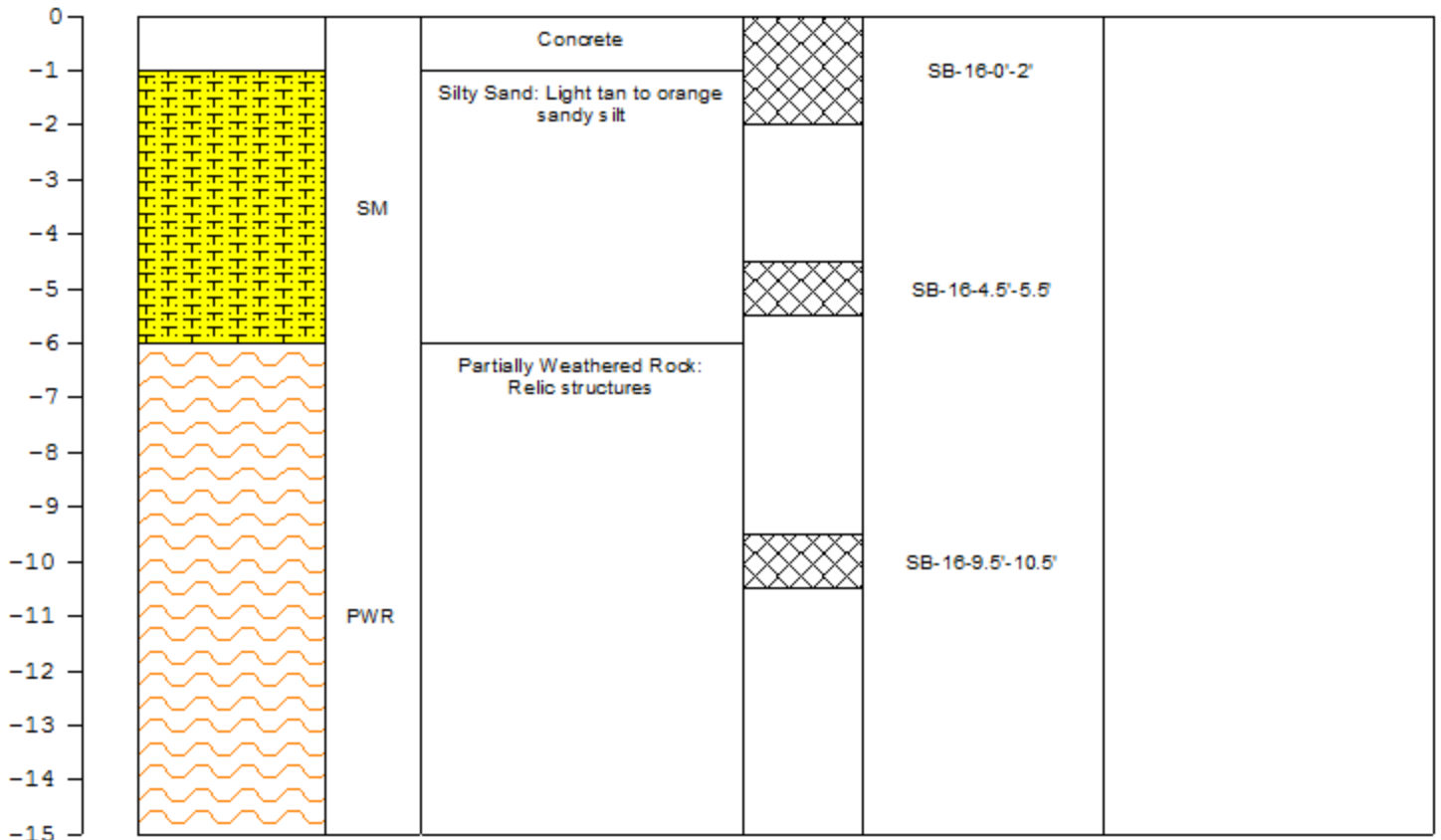
BORING LOG

BORING NO.: SB-16

TOTAL DEPTH: 15'

PROJECT INFORMATION			DRILLING INFORMATION		
PROJECT:	Rollins - Soil Investigation		DRILLING CO.:	EMS	
SITE LOCATION:	DPW		DRILLING METHOD:	Direct Push	
	Brookhaven (Atlanta), Georgia		DATE:	07/01/2014	
JOB NO.:	02.20140272.00				
PROJECT MANAGER:	K. Rivera		GPS LOCATION	ACCURACY: N/A	
LOGGED BY:	K. Rivera		LAT.: Not Measured	LONG.: Not Measured	

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



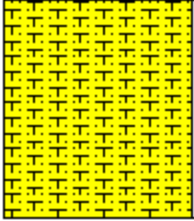


BORING LOG

BORING NO.: SB-17

TOTAL DEPTH: 4'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Hand Auger
JOB NO.:	02.20140272.00	DATE:	07/02/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

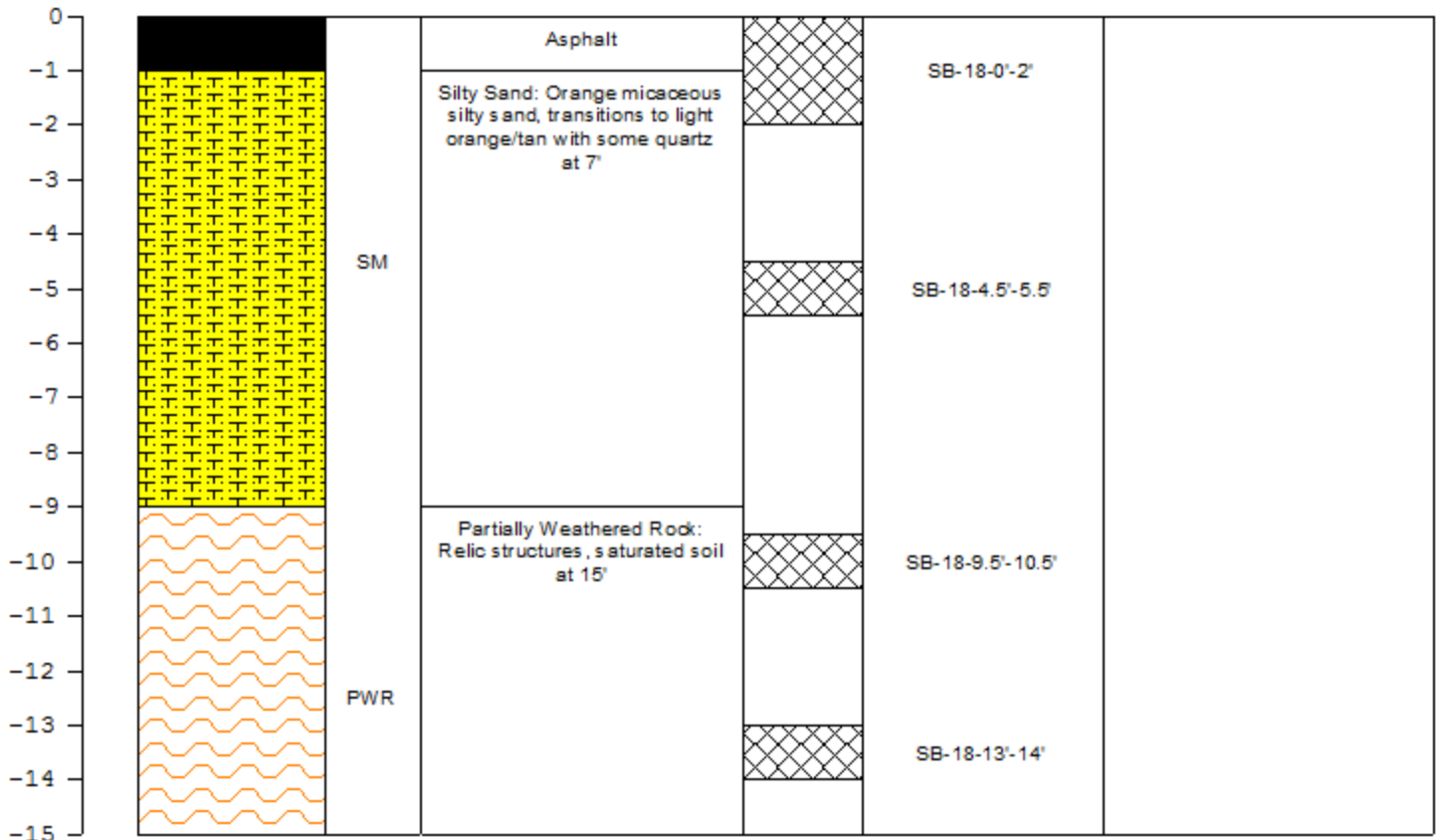
0		SM	Silty Sand: Gray silty sand with gravel		SB-17-0'-2'	
-1					SB-17-2'-4'	
-2						
-3						
-4						

BORING LOG

BORING NO.: SB-18
TOTAL DEPTH: 15'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

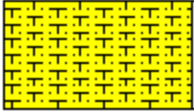



BORING LOG

BORING NO.: SB-19

TOTAL DEPTH: 4'

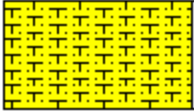

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Hand Auger
JOB NO.:	02.20140272.00	DATE:	07/02/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	
0 -1 -2		SM	Silty Sand: Brown silty sand with high amount of organic matter/tree roots		SB-19-0'-2'	

BORING LOG

BORING NO.: SB-20
TOTAL DEPTH: 2'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Hand Auger
JOB NO.:	02.20140272.00	DATE:	07/02/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

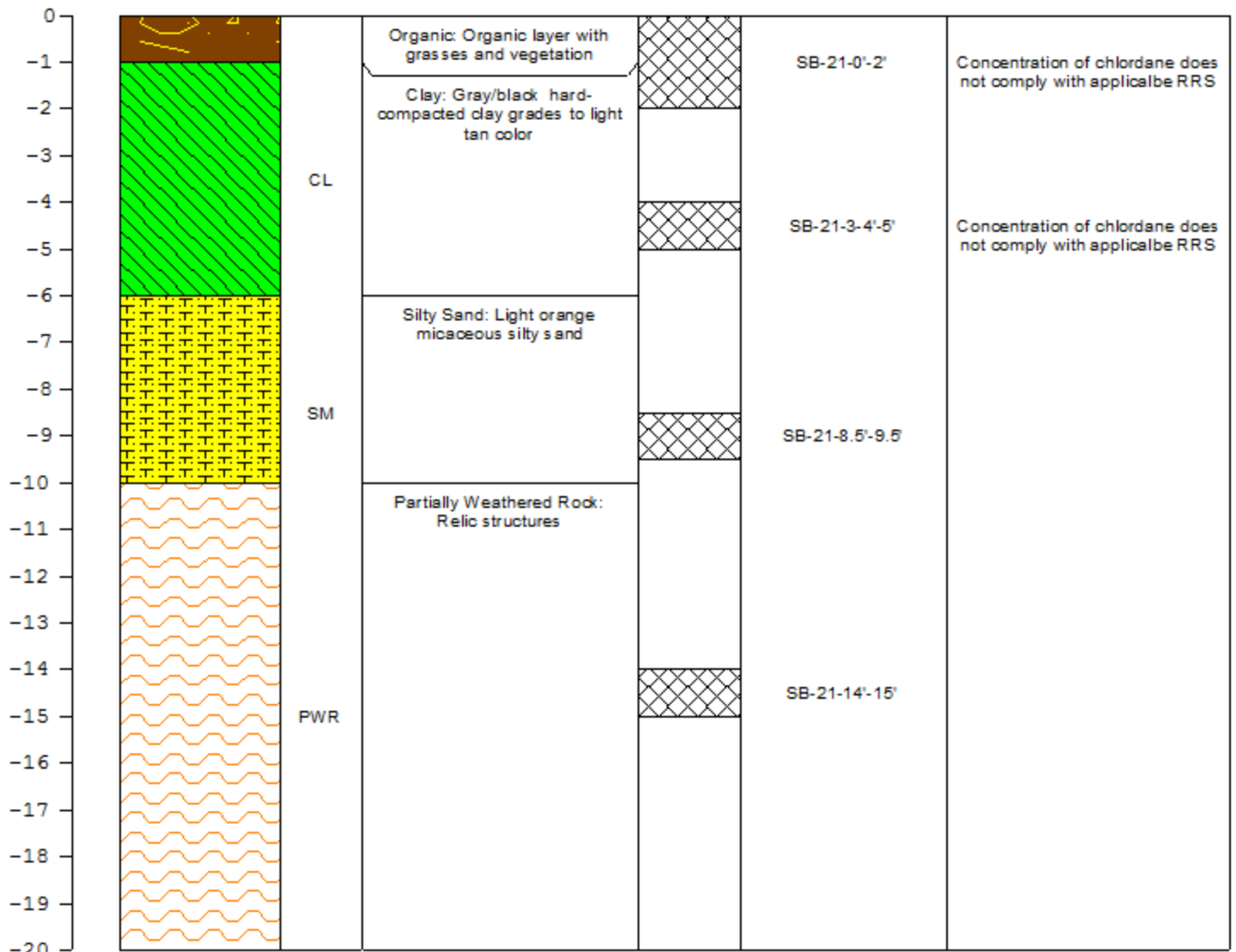
DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	
0 -1 -2		SM	Silty Sand: Orange micaceous silty sand		SB-20-0'-2'	Concentrations of chlordane and heptachlor do not comply with applicable RRS

BORING LOG

BORING NO.: SB-21
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

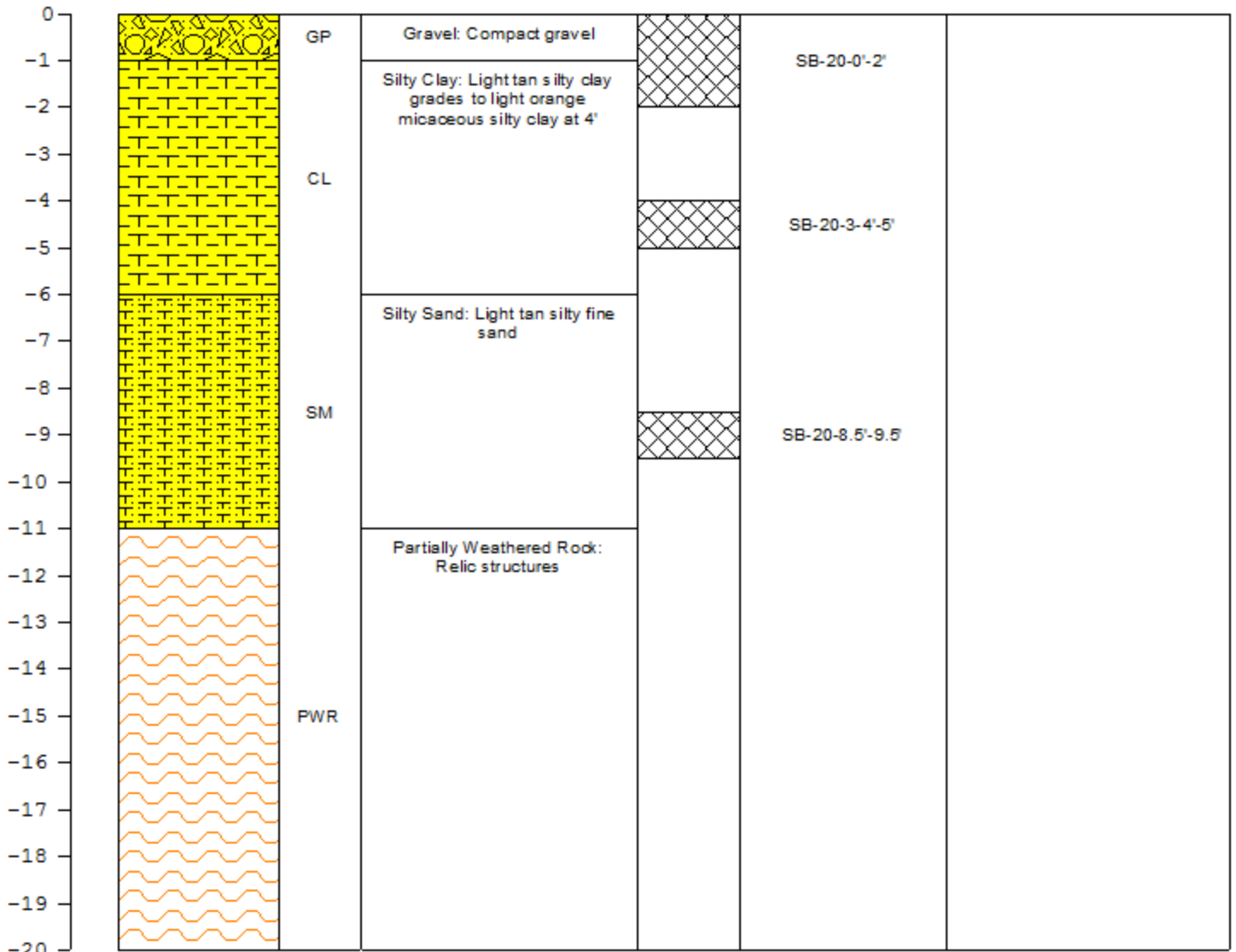


BORING LOG

BORING NO.: SB-22
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



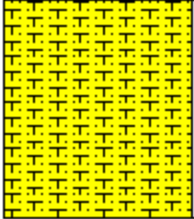


BORING LOG

BORING NO.: SB-24

TOTAL DEPTH: 4'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Hand Auger
JOB NO.:	02.20140272.00	DATE:	07/02/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

0		SM	Silty Sand: Brown silty sand with organic matter		SB-24-0'-2'	Concentration of chlordane does not comply with applicable RRS
-1					SB-24-2'-4'	Concentrations of 4,4'-DDD, chlordane, dieldrin, heptachlor, and heptachlor epoxide do not
-2						
-3						
-4						

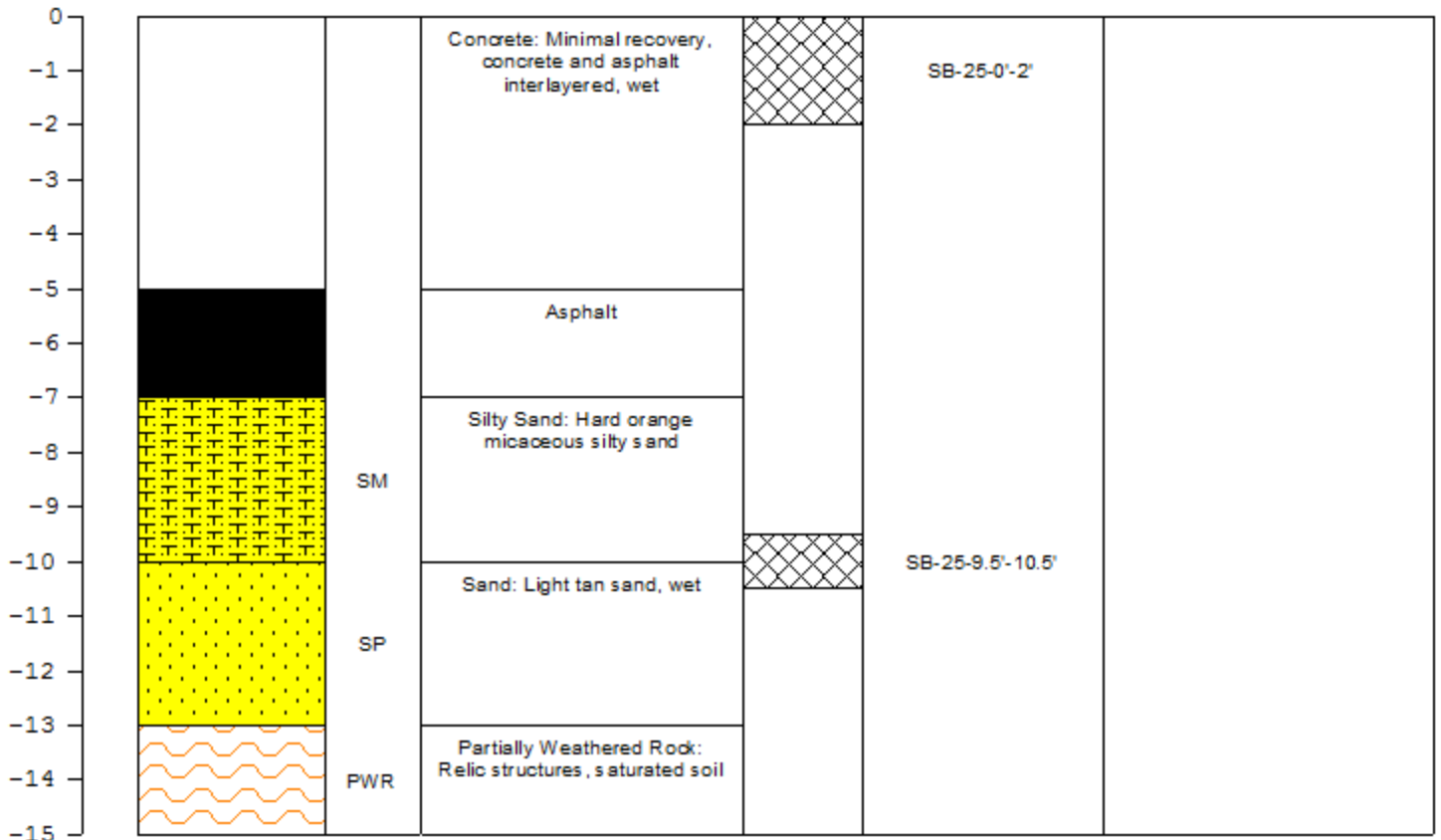
BORING LOG

BORING NO.: SB-25

TOTAL DEPTH: 15'

PROJECT INFORMATION			DRILLING INFORMATION		
PROJECT:	Rollins - Soil Investigation		DRILLING CO.:	EMS	
SITE LOCATION:	DPW		DRILLING METHOD:	Direct Push	
	Brookhaven (Atlanta), Georgia		DATE:	07/01/2014	
JOB NO.:	02.20140272.00				
PROJECT MANAGER:	K. Rivera		GPS LOCATION	ACCURACY: N/A	
LOGGED BY:	K. Rivera		LAT.: Not Measured	LONG.: Not Measured	

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



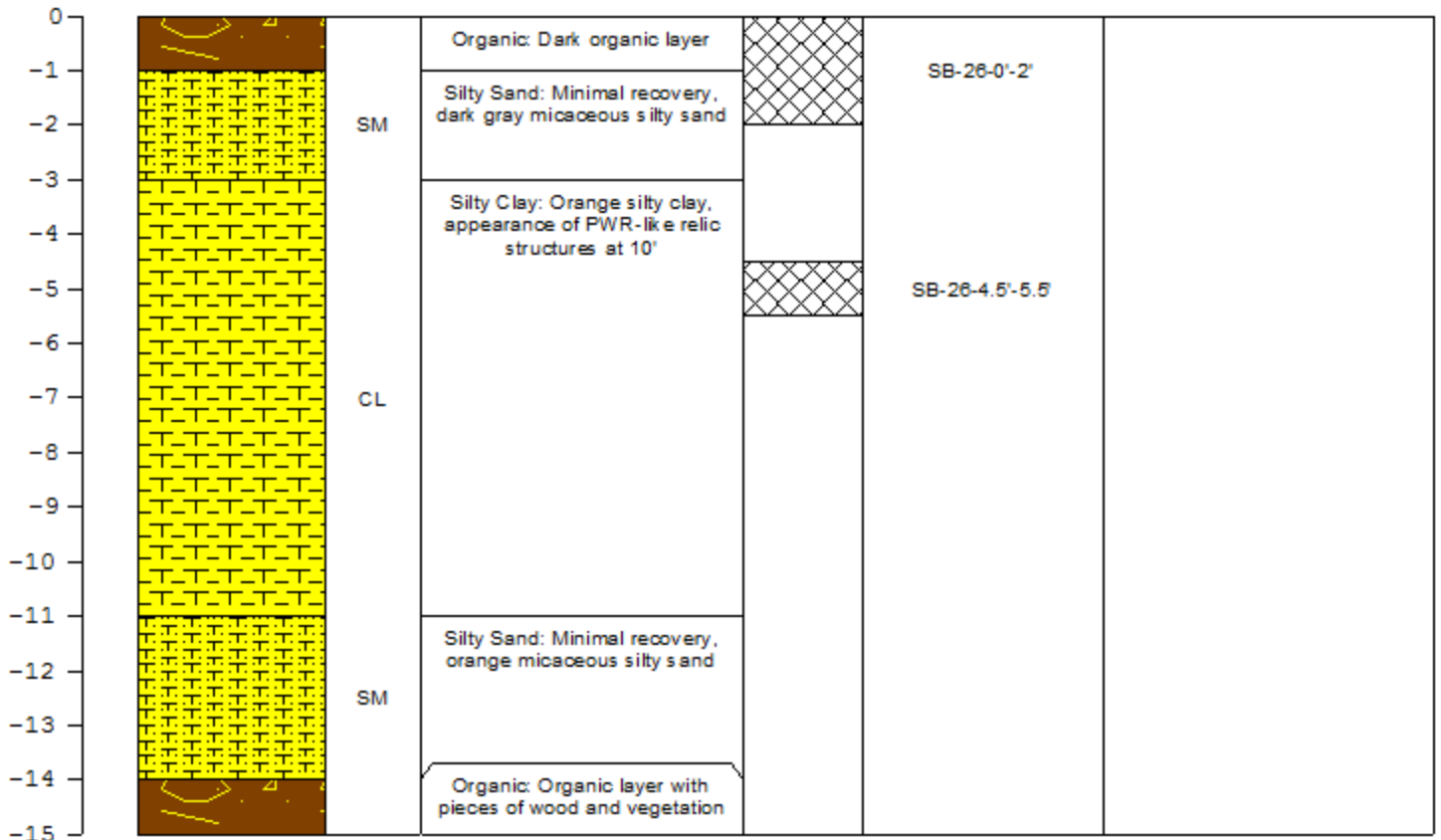
BORING LOG

BORING NO.: SB-26

TOTAL DEPTH: 15'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



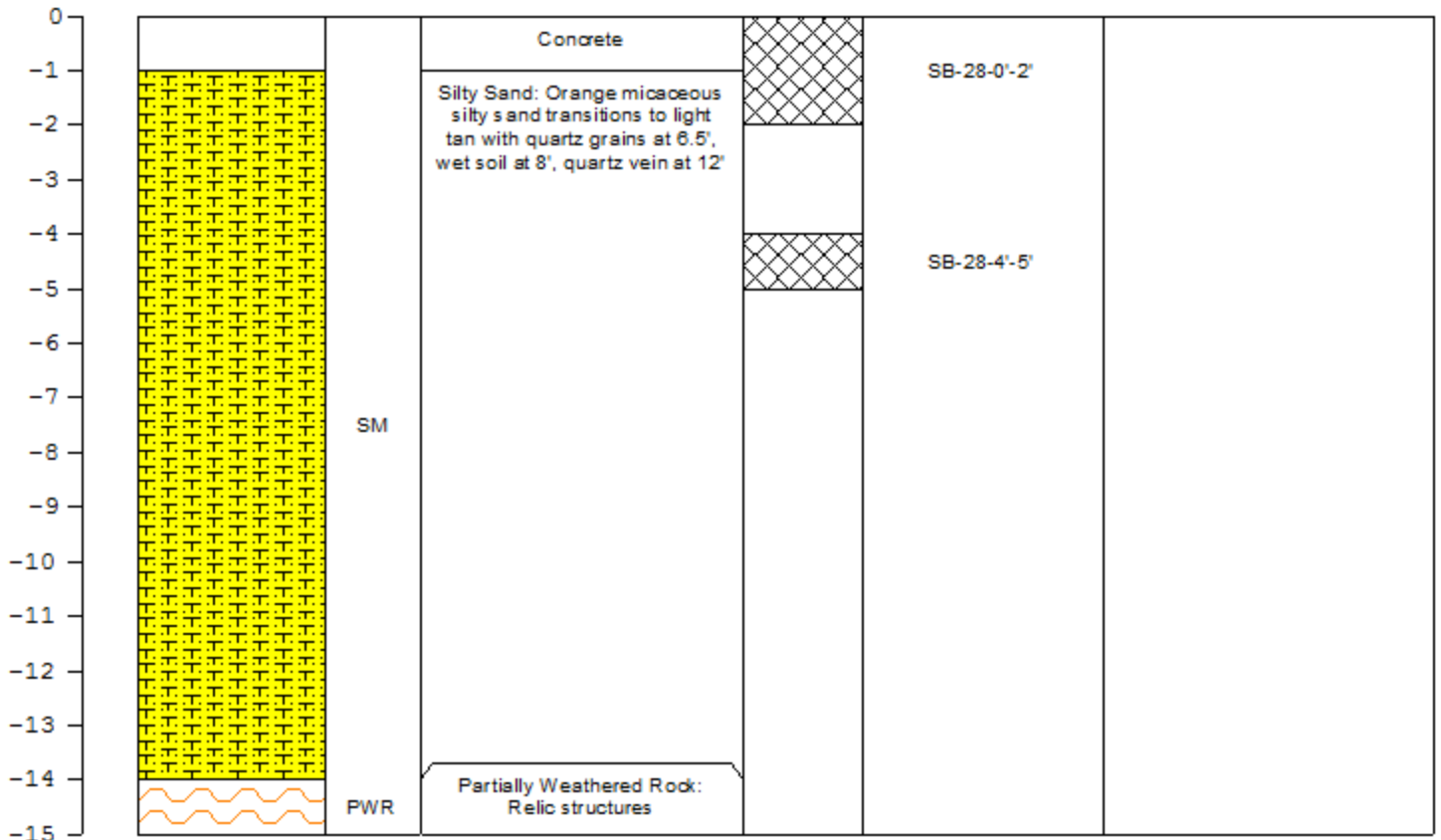
BORING LOG

BORING NO.: SB-28

TOTAL DEPTH: 15'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



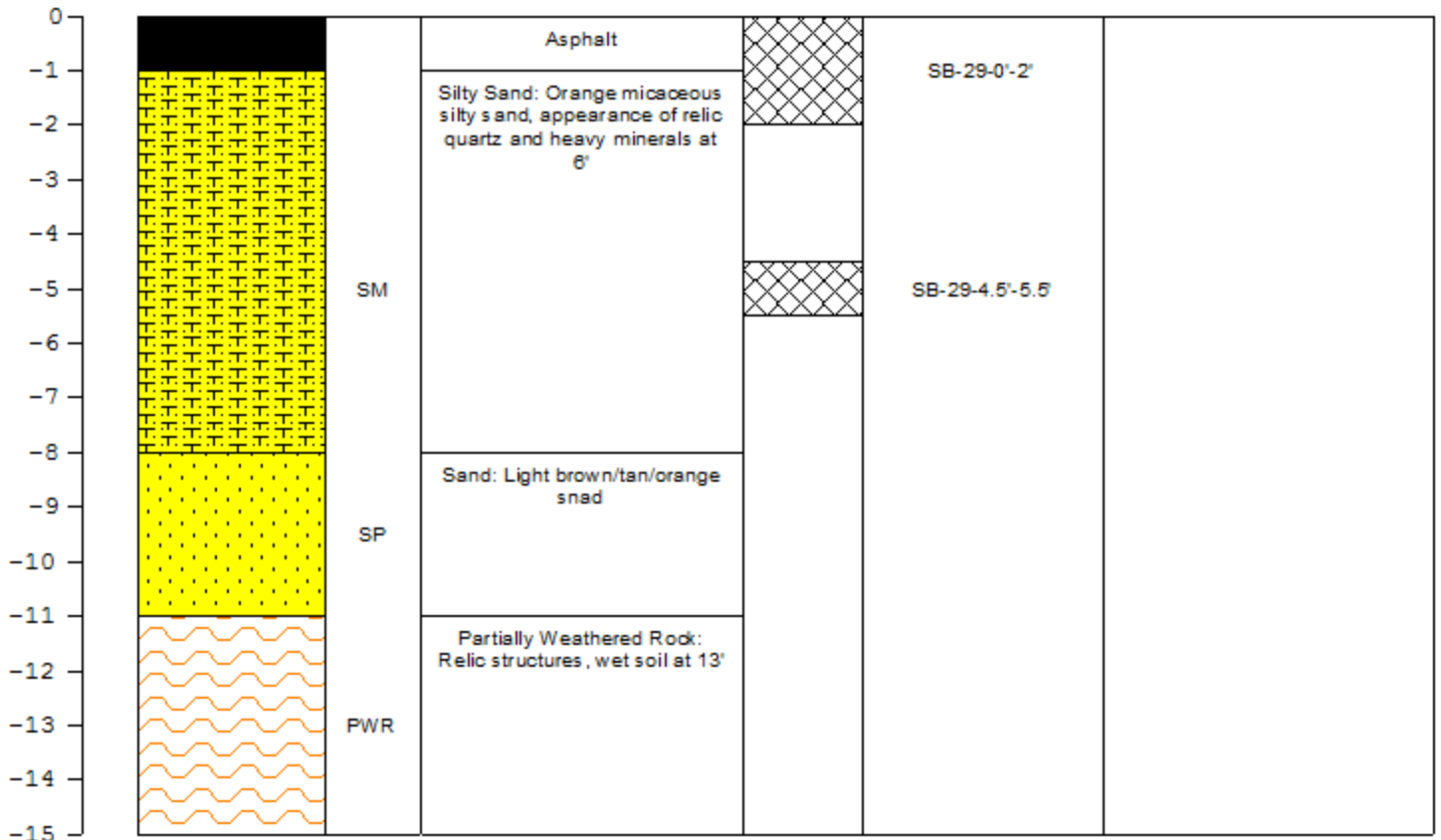
BORING LOG

BORING NO.: SB-29

TOTAL DEPTH: 15'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

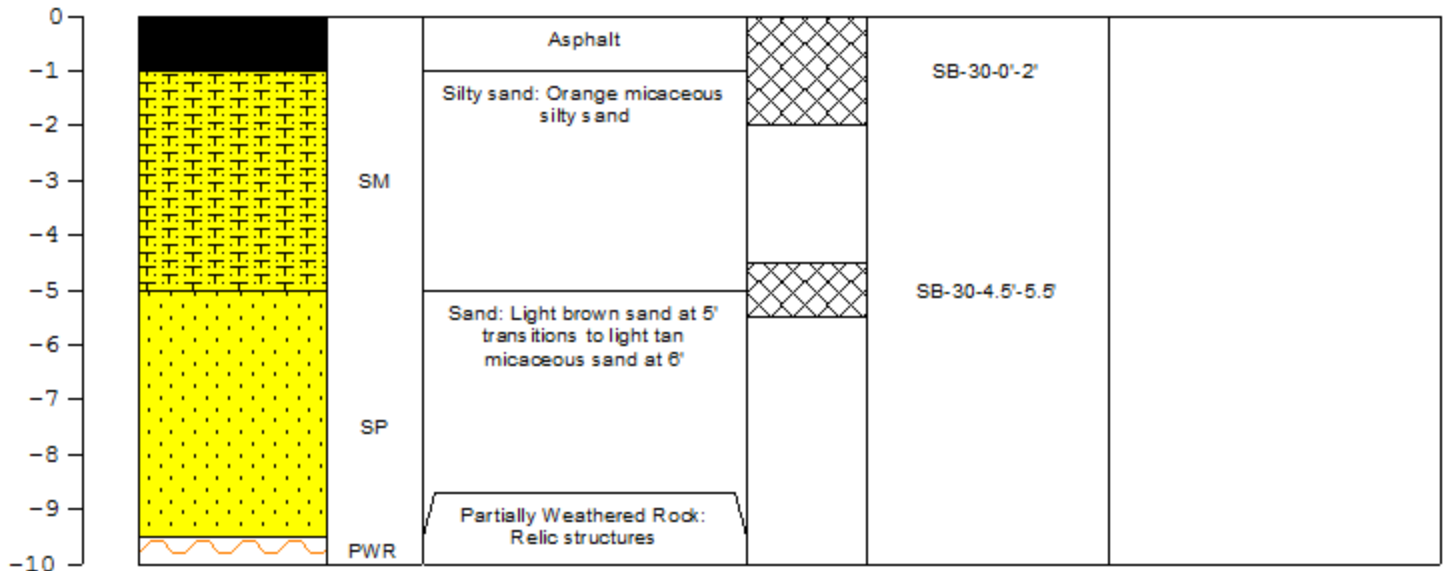


BORING LOG

BORING NO.: SB-30
TOTAL DEPTH: 10'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

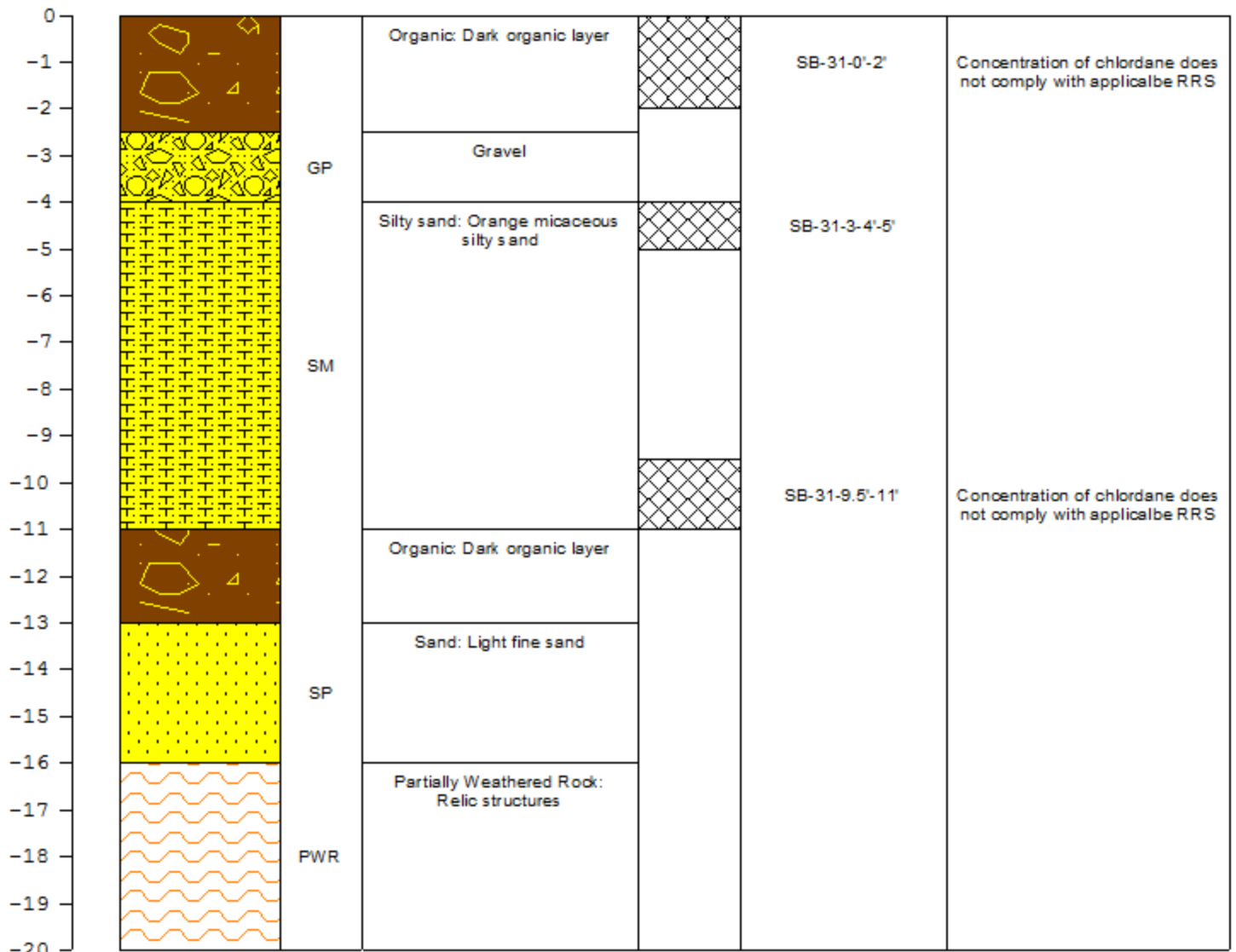


BORING LOG

BORING NO.: SB-31
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

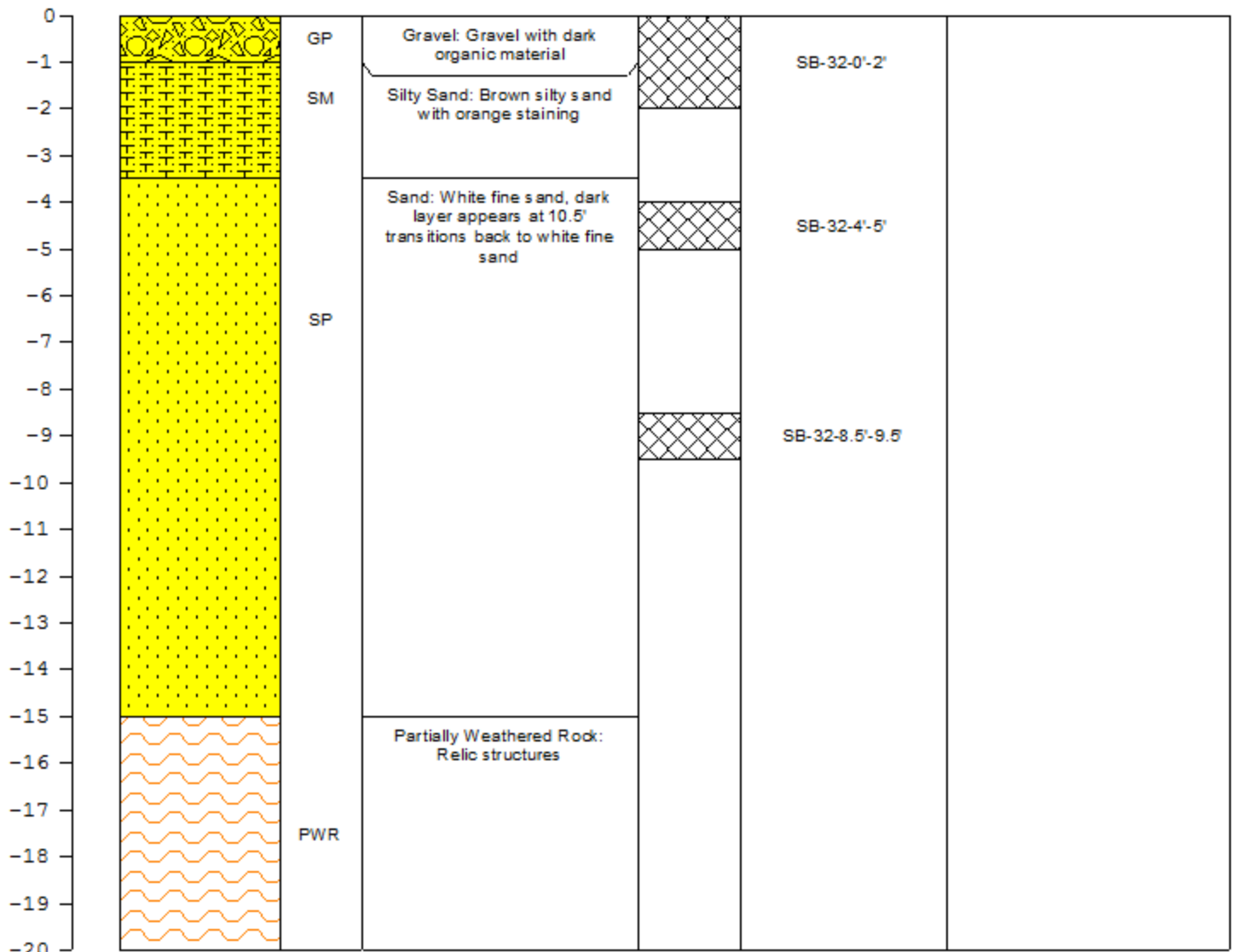


BORING LOG

BORING NO.: SB-32
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

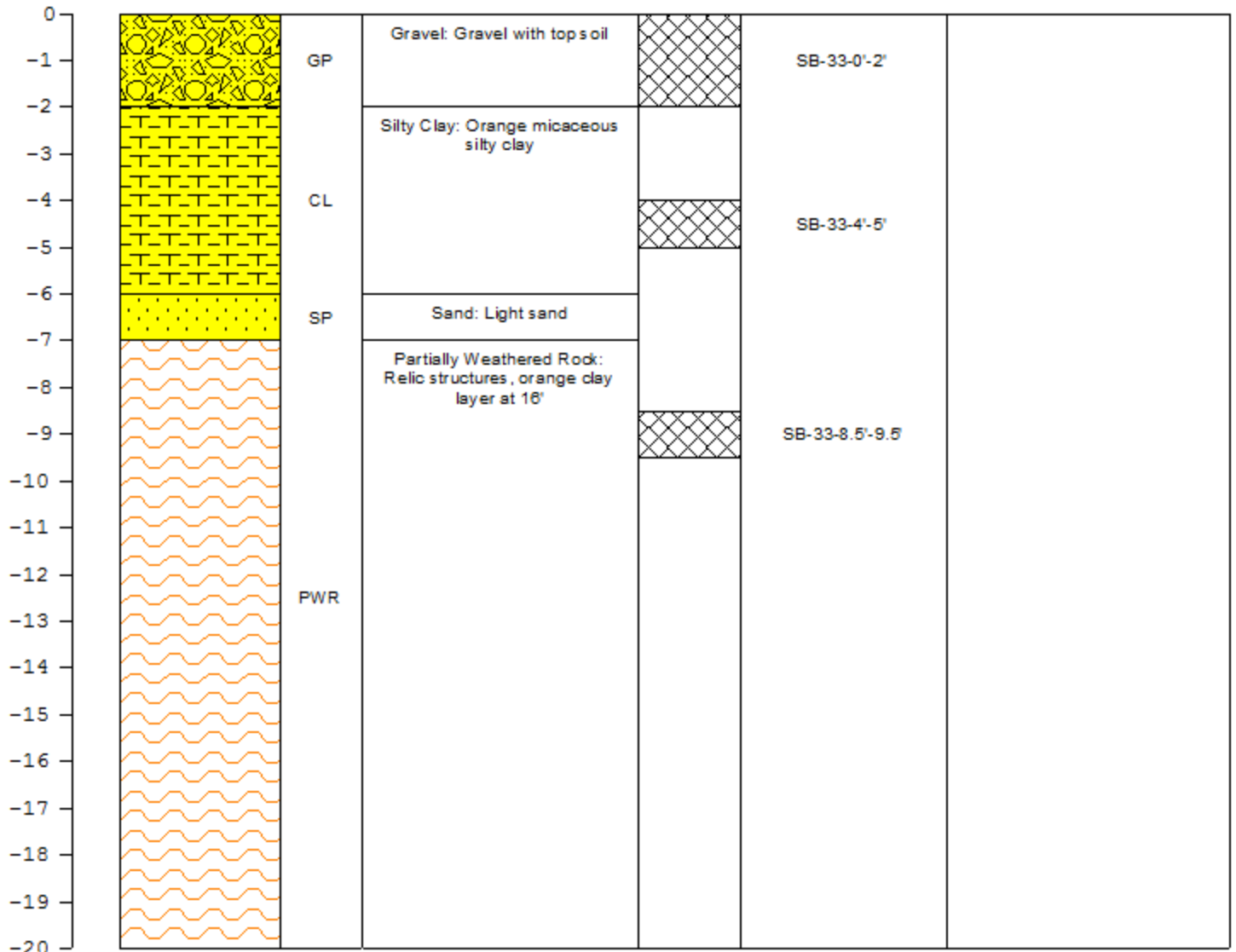


BORING LOG

BORING NO.: SB-33
TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



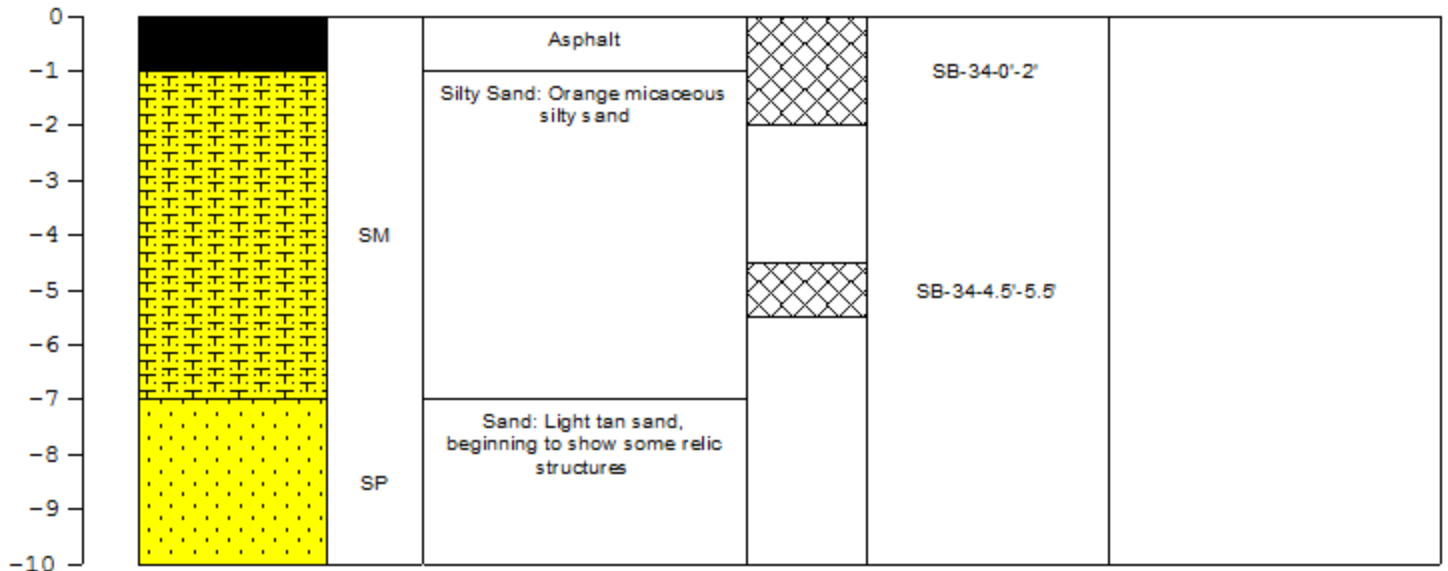
BORING LOG

BORING NO.: SB-34

TOTAL DEPTH: 10'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

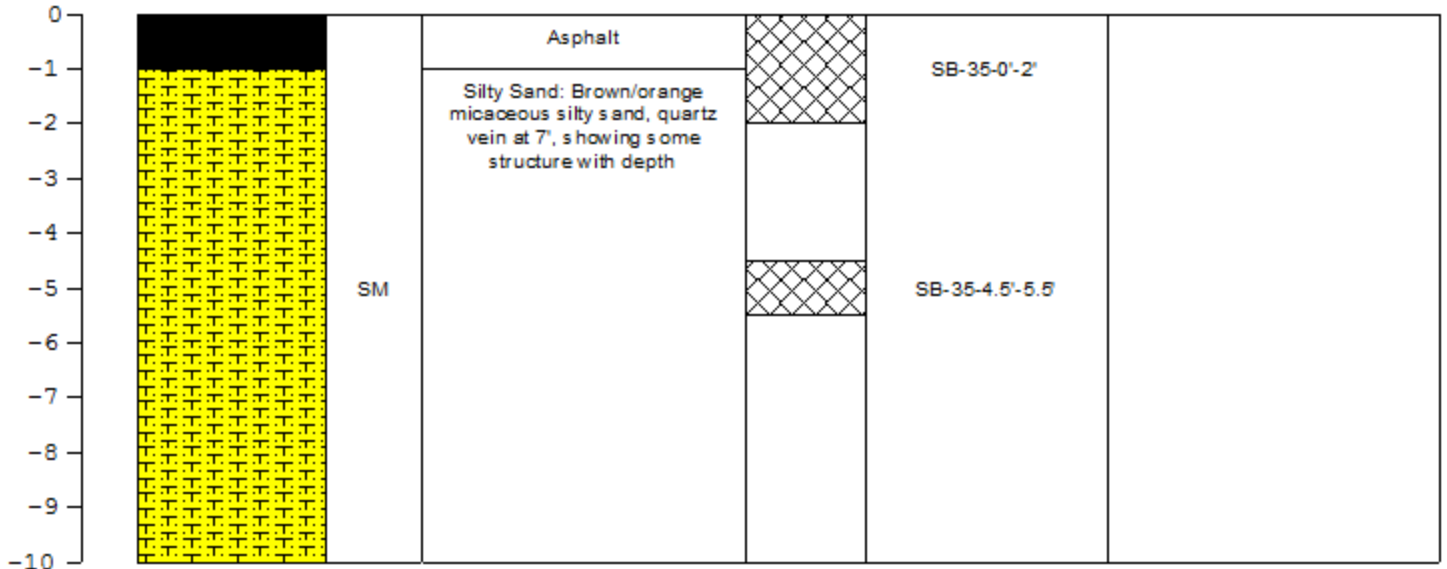


BORING LOG

BORING NO.: SB-35
TOTAL DEPTH: 10'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



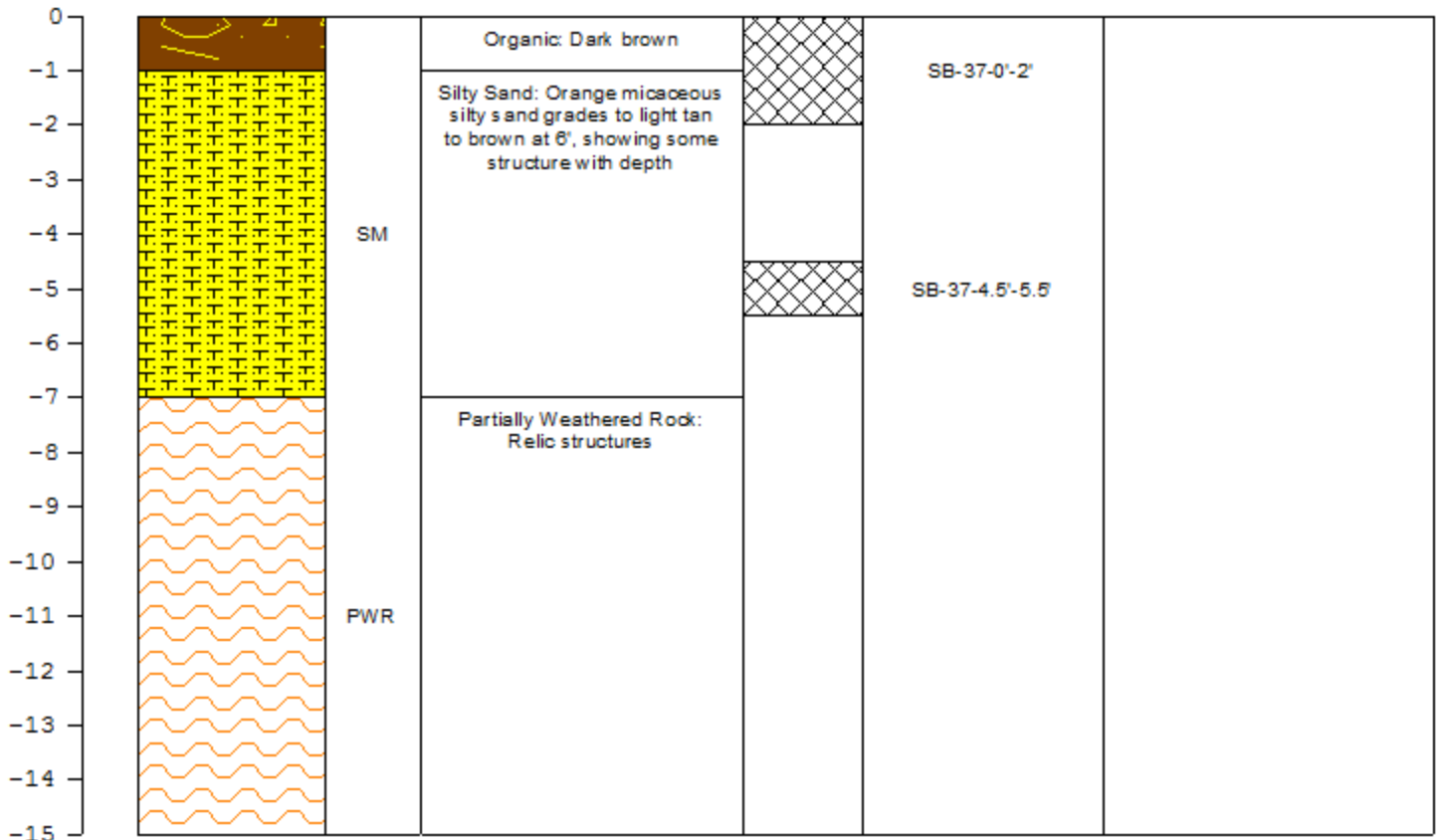
BORING LOG

BORING NO.: SB-37

TOTAL DEPTH: 15'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



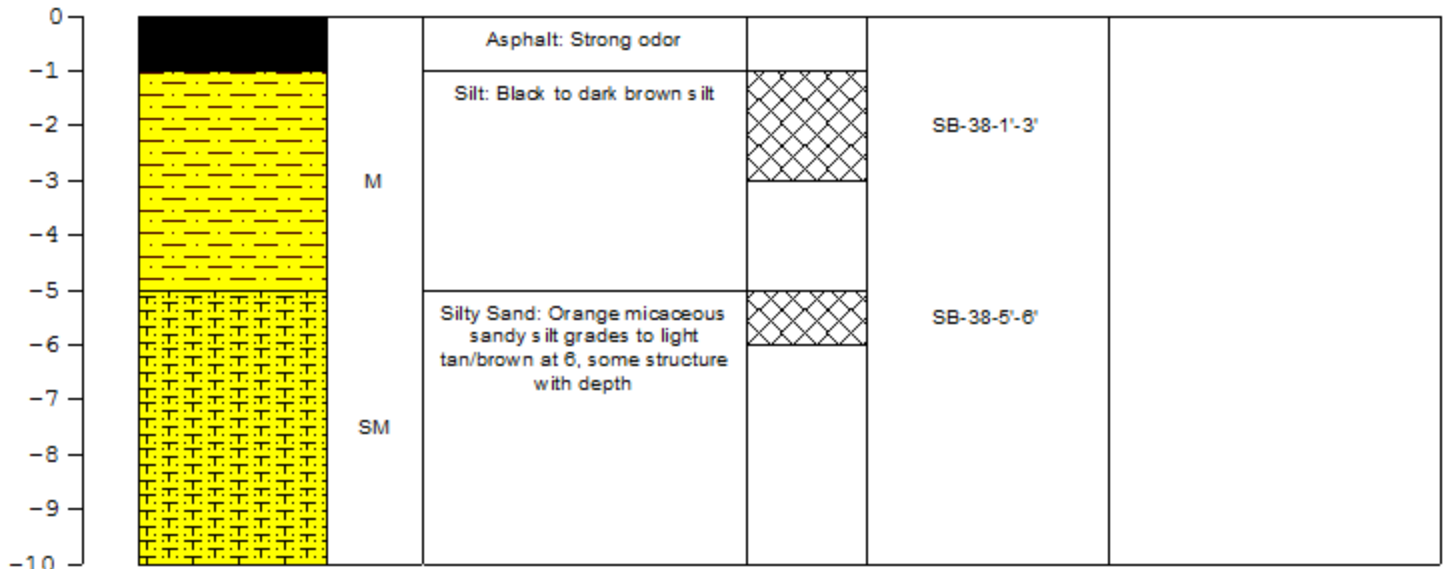
BORING LOG

BORING NO.: SB-38

TOTAL DEPTH: 10'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

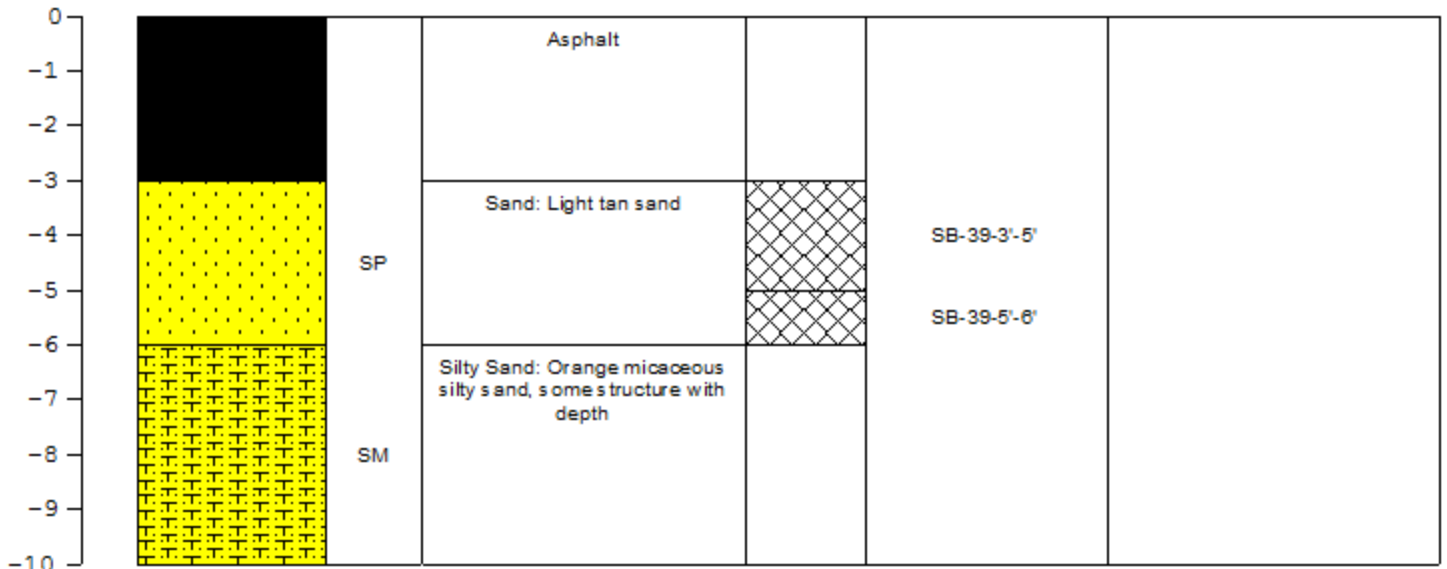


BORING LOG

BORING NO.: SB-39
TOTAL DEPTH: 10'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



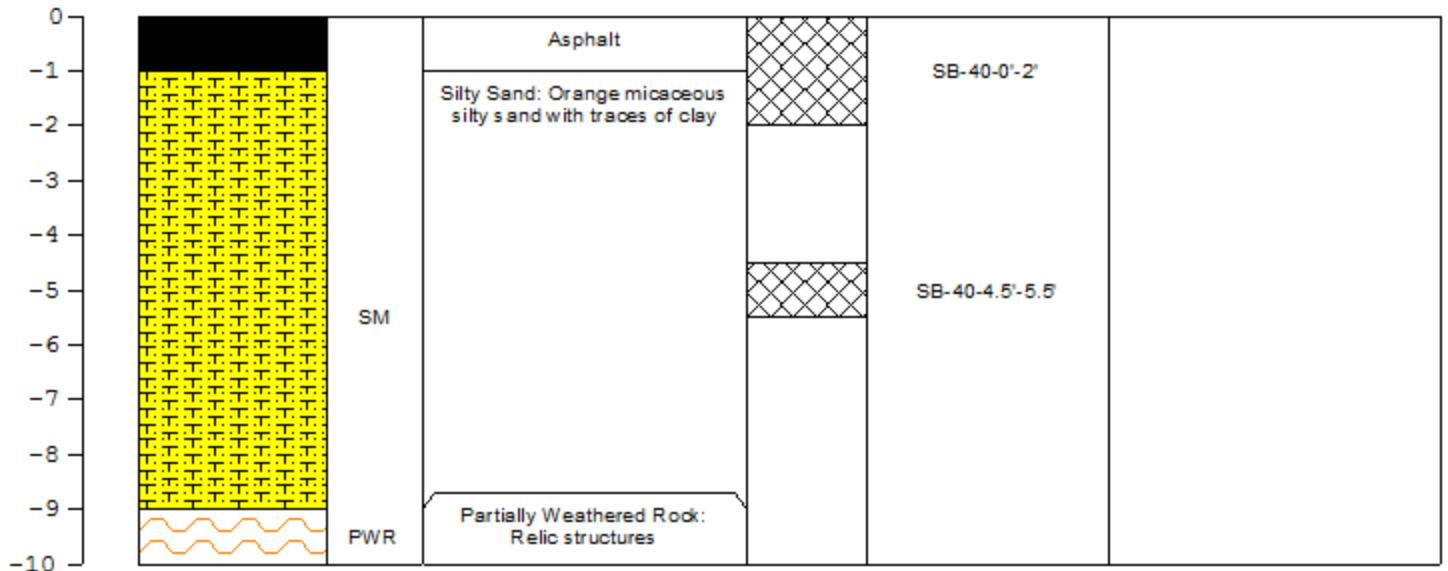
BORING LOG

BORING NO.: SB-40

TOTAL DEPTH: 10'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



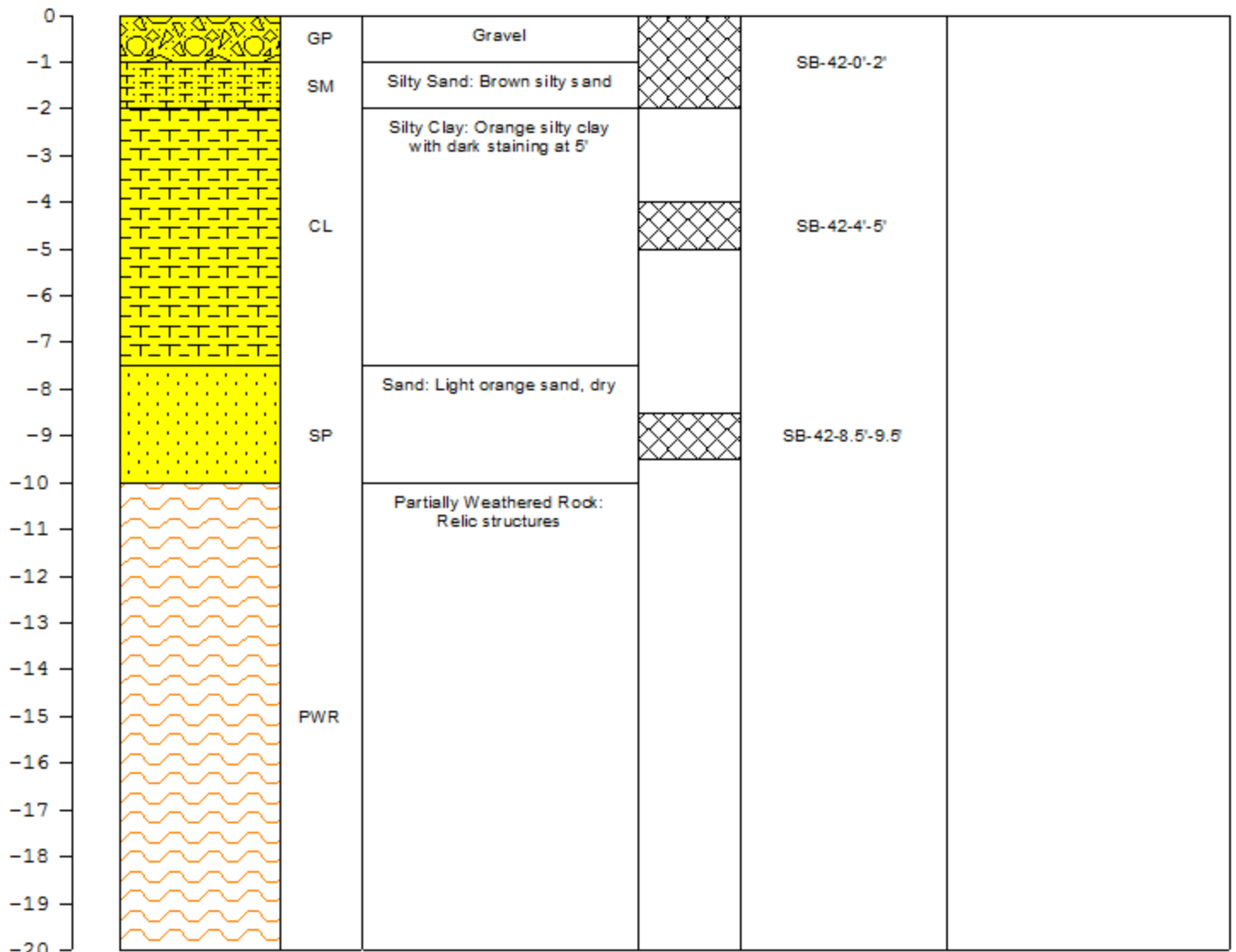
BORING LOG

BORING NO.: SB-41

TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



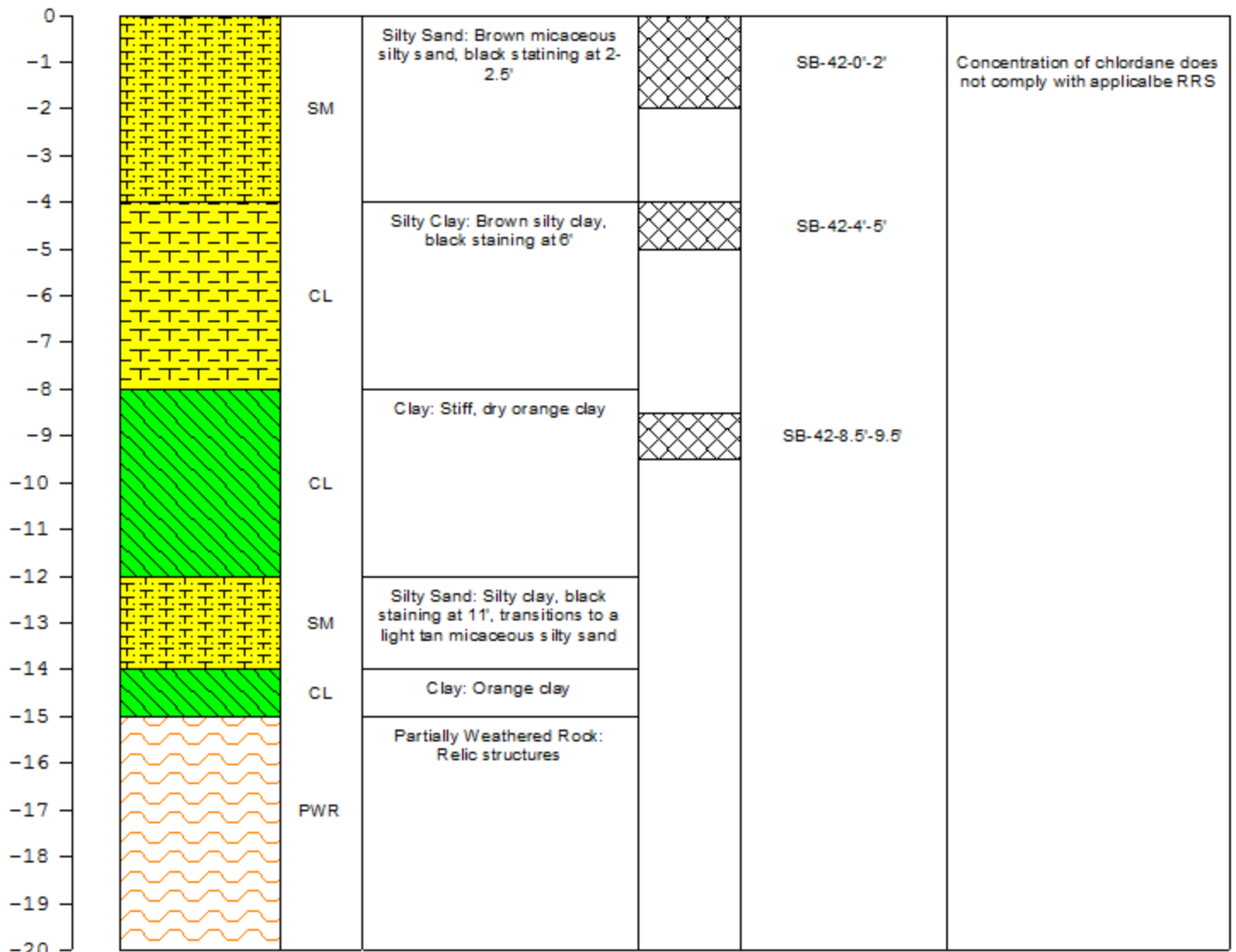
BORING LOG

BORING NO.: SB-42

TOTAL DEPTH: 20'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	06/30/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



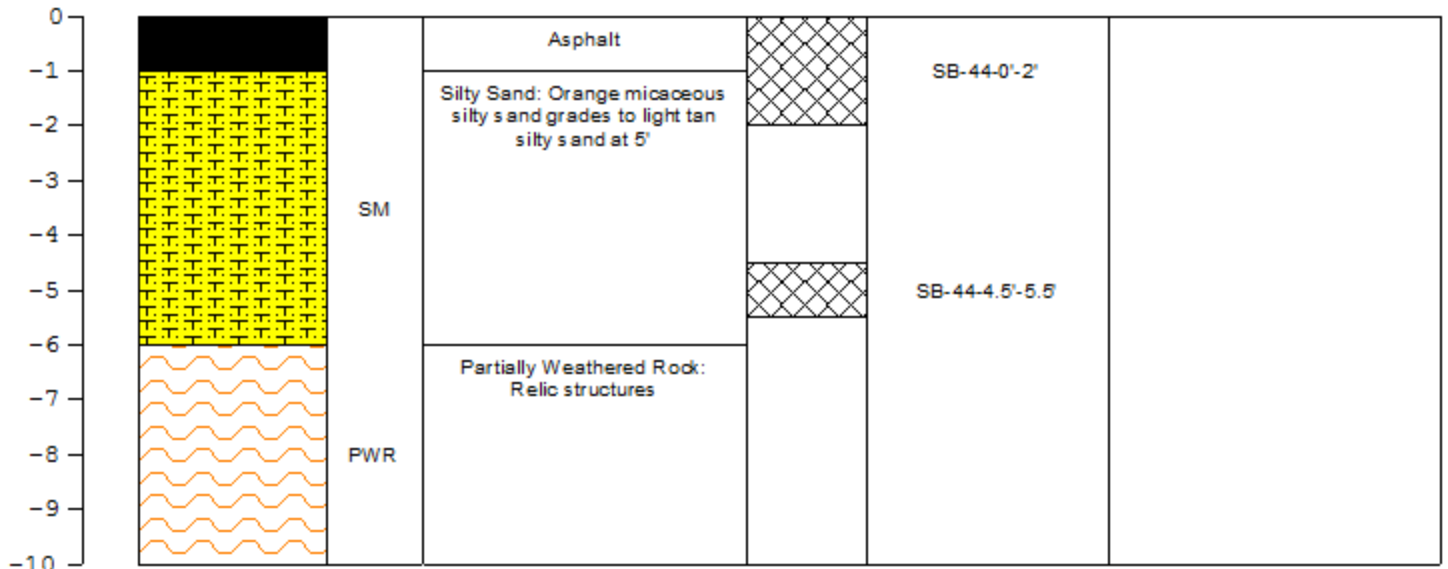
BORING LOG

BORING NO.: SB-44

TOTAL DEPTH: 10'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

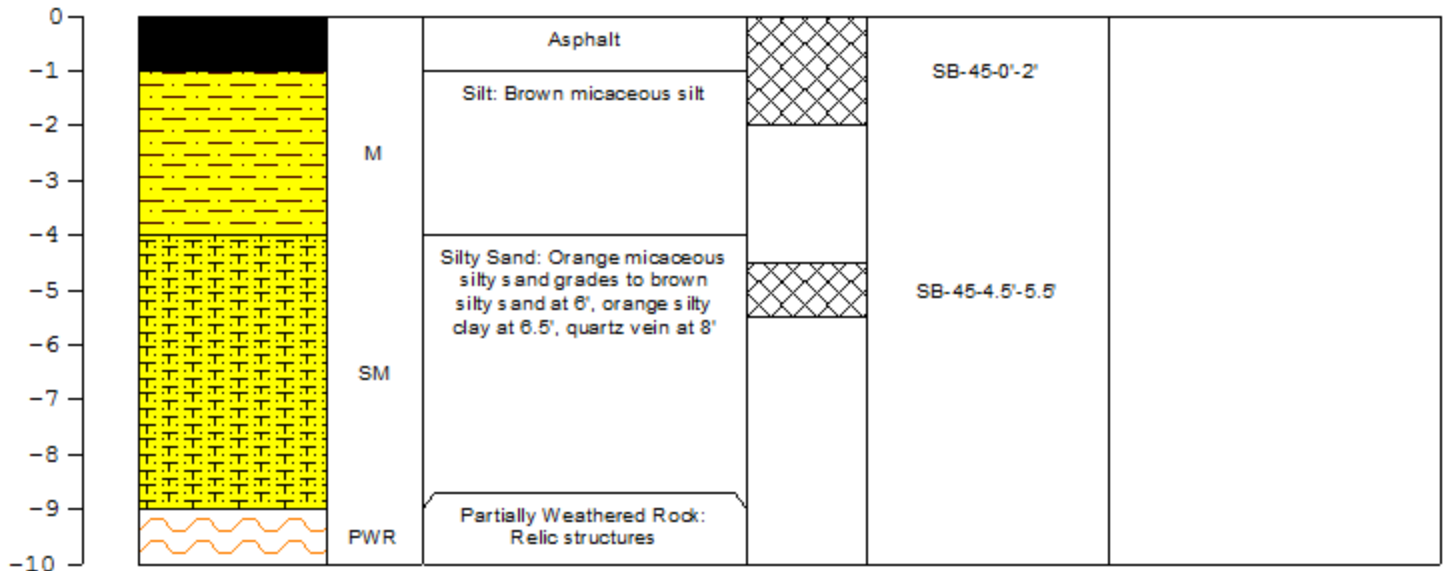


BORING LOG

BORING NO.: SB-45
TOTAL DEPTH: 10'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

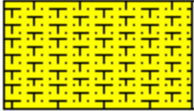



BORING LOG

BORING NO.: SB-46

TOTAL DEPTH: 2'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Hand Auger
JOB NO.:	02.20140272.00	DATE:	07/02/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured



DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	
0 -1 -2		SM	Silty Sand: Light brown silty sand with organic material		SB-46-0'-2'	

BORING LOG

BORING NO.: SB-47

TOTAL DEPTH: 1'

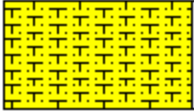

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Hand Auger
JOB NO.:	02.20140272.00	DATE:	07/02/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	
0 -1		SM	Silty Sand: Brown silty sand with organic material		SB-47-0'-2'	

BORING LOG

BORING NO.: SB-48
TOTAL DEPTH: 2'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Hand Auger
JOB NO.:	02.20140272.00	DATE:	07/02/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

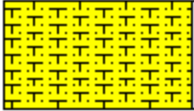

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	
0 -1 -2		SM	Silty Sand: Light brown silty sand with organic material		SB-48-0'-2'	

BORING LOG

BORING NO.: SB-49

TOTAL DEPTH: 4'

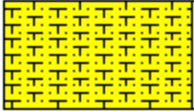

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Hand Auger
JOB NO.:	02.20140272.00	DATE:	07/02/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	
0 -1 -2		SM	Silty Sand: Light brown silty sand with organic material		SB-49-0'-2'	

BORING LOG

BORING NO.: SB-50
TOTAL DEPTH: 2'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Hand Auger
JOB NO.:	02.20140272.00	DATE:	07/02/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

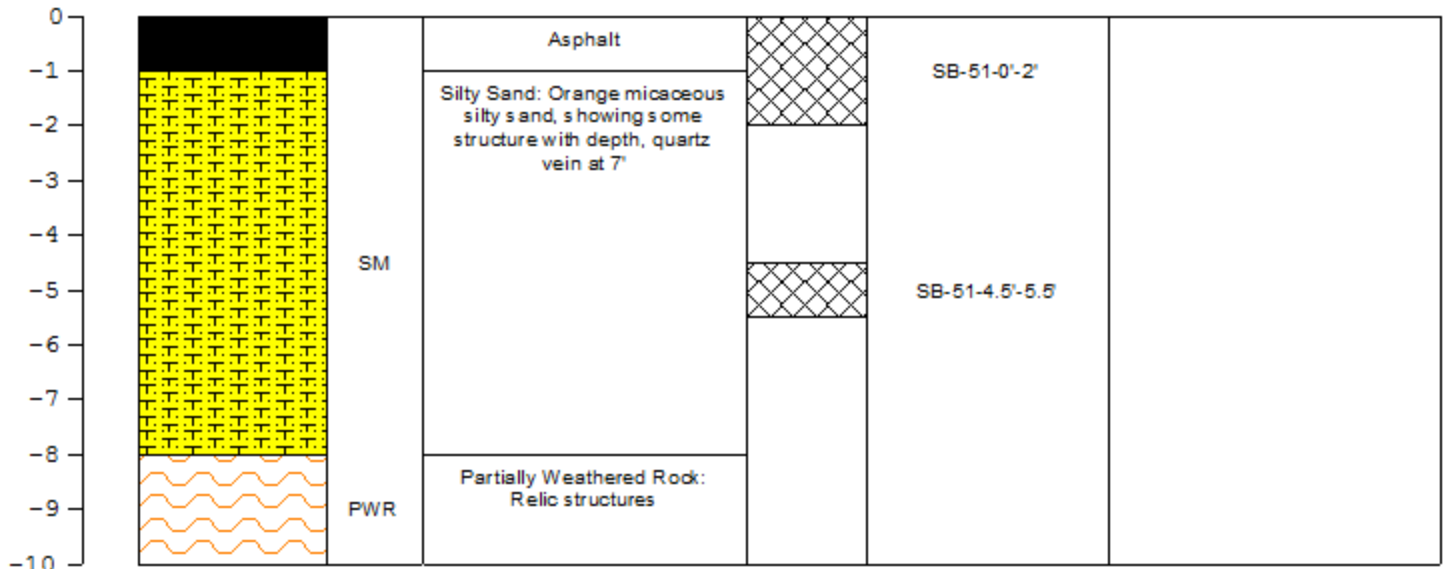
DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	
0 -1 -2		SM	Silty Sand: Brown micaceous silty sand with organic material		SB-50-0'-1'	Concentrations of 4,4'-DDD, 4,4'-DDT, and chlordane do not comply with applicable RRS

BORING LOG

BORING NO.: SB-51
TOTAL DEPTH: 10'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	07/01/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	





BORING LOG

BORING NO.: SB-60

TOTAL DEPTH: 1'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Hand Auger
JOB NO.:	02.20140272.00	DATE:	07/02/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

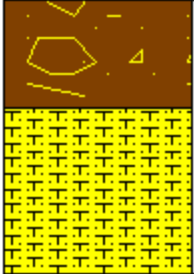
DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	
0 -1		CL	CL: Hard packed silty clay with gravel		SB-60-0"-6"	

BORING LOG

BORING NO.: SB-61
TOTAL DEPTH: 15'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Hand Auger
JOB NO.:	02.20140272.00	DATE:	08/27/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

0		SM	Organic: Recovery at 2'			
-1			Silty Sand: Dark brown silty sand transitions to orange micaceous silty sand at 5', dark stain at 6'			
-2						
-3						
-4					SB-61-3.5'	
-5					SB-61-4'	
					SB-61-5'	

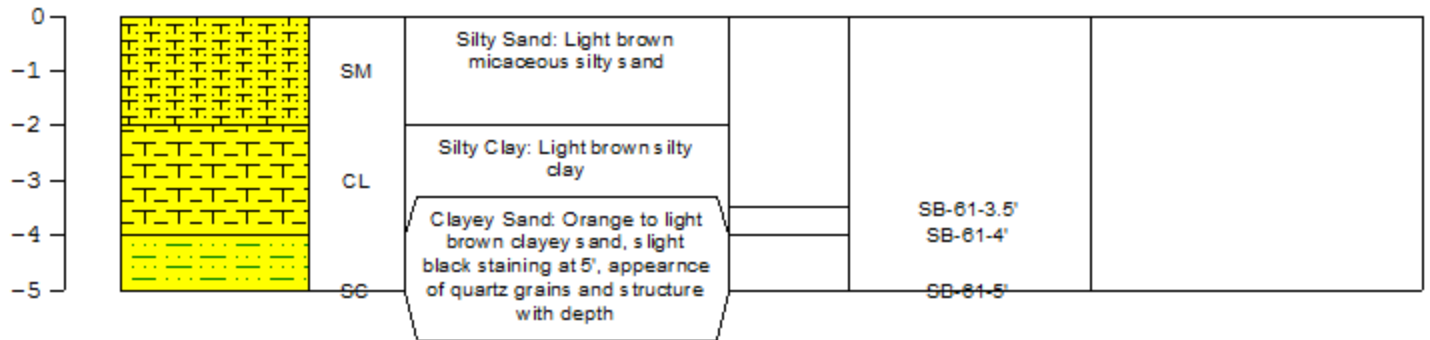
BORING LOG

BORING NO.: SB-64

TOTAL DEPTH: 6'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Hand Auger/Direct Push
JOB NO.:	02.20140272.00	DATE:	08/27/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	



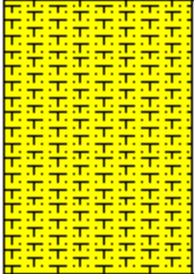
BORING LOG

BORING NO.: SB-65

TOTAL DEPTH: 5'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	08/27/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

0		SM	Silty Sand: Brown silty sand with black staining at 3.5', gray staining at 5'			
-1						
-2						
-3						
-4						
-5					SB-61-3.5'	
					SB-61-4'	
					SB-61-5'	

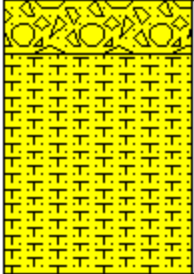
BORING LOG

BORING NO.: SB-66

TOTAL DEPTH: 5'

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	Rollins - Soil Investigation	DRILLING CO.:	EMS
SITE LOCATION:	DPW Brookhaven (Atlanta), Georgia	DRILLING METHOD:	Direct Push
JOB NO.:	02.20140272.00	DATE:	08/27/2014
PROJECT MANAGER:	K. Rivera	GPS LOCATION	ACCURACY: N/A
LOGGED BY:	K. Rivera	LAT.: Not Measured	LONG.: Not Measured

DEPTH (FEET)	LITHOLOGIC SYMBOLS	USCS	SOIL DESCRIPTION	ANALYTICAL		NOTES
				DEPTH	SAMPLE ID	

0		GP	Gravel: Minimal recovery, gravel with organic material			
-1		SM	Silty Sand: Brown silty sand, appearance of heavy minerals at 4' and showing structure with depth			
-2						
-3						
-4					SB-61-3.5'	
					SB-61-4'	
-5					SB-61-5'	

APPENDIX F
LABORATORY DATA SHEETS
JUNE THROUGH AUGUST 2014



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: _____

Date: 6/30/14 Page 1 of 6

#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED	REMARKS	No # of Containers
		DATE	TIME						
1	B-4-0-2'	06/30/14	0856		X	SO	TEL FCSH	Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.	
2	B-4-3.5-4.5'		0904				TEL FCSH		
3	B-4-13.5-14.5'		0905						
4	B-4-4-5'		0907						
5	B-4-15-16'		0910						
6	SB-42-0-2'		0930						
7	SB-42-4-5'		0936						
8	SB-42-5-6'		0938						
9	SB-42-8.5-9.5'		0937						
10	SB-42-15-16'		0943						
11	SB-41-0-2'		0948						
12	SB-41-3-4'		0949						
13	SB-41-4-5'		0956						
14	SB-41-8.5-9.5'		1000						
RELINQUISHED BY		DATE/TIME	RECEIVED BY	DATE/TIME					
Kristen Rivera		7/01/14	Calaya R	7/1/14 8:04c					
PROJECT NAME:		PROJECT #:			PROJECT INFORMATION				
BROOKHAVEN - DFW		G2.2014627-2							
SITE ADDRESS:		1251 Park Ave							
Atlanta, GA 30319		SEND REPORT TO: Kristen Rivera							
INVOICE TO:		(IF DIFFERENT FROM ABOVE)							
PO#: _____		QUOTE #:							
SHIPMENT METHOD		OUT / / VIA							
IN / / VIA		CLIENT FedEx UPS MAIL COURIER							
GREYHOUND OTHER									
SPECIAL INSTRUCTIONS/COMMENTS									
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+1 = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S+I+1 = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None									
TURNAROUND TIME REQUEST									
<input checked="" type="radio"/> Standard 5 Business Days									
<input type="radio"/> 2 Business Day Rush									
<input type="radio"/> Next Business Day Rush									
<input type="radio"/> Same Day Rush (auth req.)									
<input type="radio"/> Other									
STATE PROGRAM (if any): _____ E-mail? Y/N, Fax? Y/N									
DATA PACKAGE I II III IV									
RECEIPT									
Total # of Containers									

White Copy - Original; Yellow Copy - Client



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:

Date: 6/30/14 Page 2 of 6

#	SAMPLE ID	SIGNED BY			DATE	TIME	Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED	PRESERVATION (See codes)	REMARKS	No # of Containers
		COMPANY	ADDRESS	FAX									
<p>COMPANY: EARTHCON PHONE: 7-973-2100 SIGNED BY: Kristin Rivera ADDRESS: 1880 W. Oak Pkwy Bldg 100, Ste 106 Norcross, GA 30062 FAX: SIGNATURE: Kristin Rivera</p>													
1	SB-15-16'			06/30/14	1000		X	SD	TLC PST				
2	SB-33-0-2'				1014				TLC PST				
3	SB-33-4-5'				1015				TLC PST				
4	SB-33-8.5-9.5'				1019				TLC PST				
5	SB-33-15-16'				1021				TLC PST				
6	SB-32-0-2'				1045				TLC PST				
7	SB-32-4-5'				1045				TLC PST				
8	SB-32-8.5-9.5'				1050				TLC PST				
9	SB-32-10-11'				1050				TLC PST				
10	SB-32-14-15'				1050				TLC PST				
11	SB-22-0-2' - B-7				1105				TLC PST				
12	SB-22-4-5' - B-3				1105				TLC PST				
13	SB-22-8.5-9.5' - B-3				1112				TLC PST				
14	SB-22-10-11' - B-3				1112				TLC PST				
<p>RELINQUISHED BY: Kristin Rivera #104114 RECEIVED BY: Catalpa R 7/1/14 804c DATE/TIME:</p>													
<p>SPECIAL INSTRUCTIONS/COMMENTS:</p>													
<p>SHIPMENT METHOD: OUT / / VIA. VIA. CLIENT FedEx UPS MAIL COURIER - GARYHOUND OTHER</p>													
<p>PROJECT INFORMATION: PROJECT NAME: Foxcothaven - DPW PROJECT # 02-20140272 SITE ADDRESS 1257 Park Ave SEND REPORT TO: Kristin Rivera INVOICE TO: (IF DIFFERENT FROM ABOVE) QUOTE # PO#</p>													
<p>RECEIPT: Total # of Containers Turnaround Time Request: <input type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req) <input type="radio"/> Other</p>													
<p>STATE PROGRAM (if any): E-mail? Y/N, Fax? Y/N DATA PACKAGE I II III IV</p>													

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
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CHAIN OF CUSTODY

Work Order:

Date: 6/30/14 Page 2 of 6

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	SAMPLING			Matrix (See codes)	PRESERVATION (See codes)	ANALYSIS REQUESTED	REMARKS	No # of Containers
				DATE	TIME	Grab					
1 Kriston Ruvone	7/1/2014	Latoya R	7/1/14	8:04							
2 Kriston Ruvone											
3 Kriston Ruvone											
4 Kriston Ruvone											
5 Kriston Ruvone											
6 Kriston Ruvone											
7 Kriston Ruvone											
8 Kriston Ruvone											
9 Kriston Ruvone											
10 Kriston Ruvone											
11 Kriston Ruvone											
12 Kriston Ruvone											
13 Kriston Ruvone											
14 Kriston Ruvone											

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

PROJECT NAME: Kriston Ruvone
PROJECT #: 125719
SITE ADDRESS: 11257 Peachtree
SEND REPORT TO: Kriston Ruvone

INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #

TURNAROUND TIME REQUEST:
 Standard 5 Business Days
 2 Business Day Rush
 Next Business Day Rush
 Same Day Rush (with 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 (CLIENT) FedEx UPS MAIL COURIER GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED 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

CHAIN OF CUSTODY

Work Order:

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

Date: 6/30/14 Page 4 of 6

COMPANY	ADDRESS	SAMPLED				DATE/TIME	RECEIVED BY	DATE/TIME	RELINQUISHED BY	DATE/TIME	PROJECT INFORMATION	RECEIPT
		DATE	TIME	Grab	Composite							
Earthtron	1810 W. Oak Pkwy Bldg 100, Ste 106 Marietta GA 30062 FAX: 7-973-7395											
SAMPLED BY: Kristin Rivera	SIGNATURE: Kristin Rivera											
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)						
1	SB-22-14-15'-B-3	06/30/14	1115	UR	X	SD						
2	SB-21-0-2'	07/15	1345	UR								
3	SB-21-4-5'		1355									
4	SB-21-8.5-9.5'		1400									
5	SB-21-14-15'		1355									
6	SB-15-0-2'		1420									
7	SB-15-5-10'		1424									
8	SB-15-11-12'		1425									
9	SB-15-15-16'		1430									
10	SB-5-0-2'		1450									
11	SB-5-4.5-5.5'		1500									
12	SB-5-10-11'		1503									
13	SB-5-15-16'		1505									
14	SB-14-0-2'		1539									
PROJECT NAME:	Cristin River											
PROJECT #:	02-20140277											
SITE ADDRESS:	1251 Park Ave Atlanta GA 30319											
SEND REPORT TO:	Kristin Rivera											
INVOICE TO:	(IF DIFFERENT FROM ABOVE)											
QUOTE #:	PO#											
STATE PROGRAM (if any):												
E-mail? Y/N, Fax? Y/N												
DATA PACKAGE: I II III IV												
TURNAROUND TIME REQUEST	<input checked="" type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req.) <input type="radio"/> Other											
Total # of Containers												

SPECIAL INSTRUCTIONS/COMMENTS:

SAMPLES RECEIVED AFTER 3PM 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 SIV = Surface Water V = 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 SA+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

SHIPMENT METHOD: OUT / IN VIA CLIENT FedEx UPS MAIL COURIER DREYHOUND OTHER

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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:

Date: 6/30/14 Page 5 of 6

#	SAMPLE ID	SAMPLING		DATE	TIME	PRESERVATION (See codes)		REMARKS	No # of Containers
		Grab	Composite			Matrix (See codes)			
1	SB-14-4.5-5.5'		X	06/30/14	1543				
2	SB-14-10-11'				1545				
3	SB-14-15-16'				1550				
4	SB-5-0-2'				1605				
5	SB-5-4.5-5.5'				1613				
6	SB-5-10-11'				1613				
7	SB-5-15-16'				1617				
8	SB-6-0-2'				1638				
9	SB-6-4.5-5.5'				1638				
10	SB-6-10-11'				1640				
11	SB-6-15-16'				1641				
12	SB-3-0-2'				1656				
13	SB-3-4.5-5.5'				1656				
14	SB-3-10-11'				1700				

COMPANY: EARTHCON	ADDRESS: 1880 W. Oak Pkwy Bldg 100, Ste 100 Marietta GA 30062
PHONE: 7-973-2100	FAX:
SAMPLED BY: <i>Crystal River</i>	SIGNATURE: <i>Crystal River</i>
ANALYSIS REQUESTED	
Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.	
PROJECT NAME: <i>Brookhaven - DPW</i>	
PROJECT #: <i>02.20140272</i>	
SITE ADDRESS: <i>RSI Park Ave Atlanta GA 30319</i>	
SEND REPORT TO: <i>Crystal River</i>	
INVOICE TO: (IF DIFFERENT FROM ABOVE)	
QUOTE #	
PO#	
STATE PROGRAM (if any):	
E-mail? Y/N, Fax? Y/N	
DATA PACKAGE: I II III IV	
Total # of Containers	
Turnaround Time Request	
<input checked="" type="radio"/> Standard 5 Business Days	
<input type="radio"/> 2 Business Day Rush	
<input type="radio"/> Next Business Day Rush	
<input type="radio"/> Same Day Rush (with req.)	
<input type="radio"/> Other	
RELINQUISHED BY: <i>Crystal River</i> DATE/TIME: <i>7/1/14</i>	
RECEIVED BY: <i>Latoya R</i> DATE/TIME: <i>7/1/14 8:04c</i>	
SHIPMENT METHOD: OUT <input type="checkbox"/> IN <input checked="" type="checkbox"/> CLIENT <input type="checkbox"/> FedEx <input type="checkbox"/> UPS <input type="checkbox"/> MAIL <input type="checkbox"/> COURIER <input type="checkbox"/> GREYHOUND <input type="checkbox"/> OTHER	
SPECIAL INSTRUCTIONS/COMMENTS:	

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED 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 SV = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
 PRESERVATIVE CODES H+ = Hydrochloric acid + ice I = Ice only N = Nitric acid S+ = Sulfuric acid + ice S/M+ = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original, Yellow Copy - Client

CHAIN OF CUSTODY

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3080 Presidential Drive, Atlanta GA 30340-3704
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COMPANY: EARTH CAN PHONE: 7-973-2100 SAMPLED BY: <u>Kristen Rivera</u>		ADDRESS: <u>1850 W. Oak Pkwy</u> <u>Bldg 100, Gate 104</u> <u>Norwate, GA 30162</u> FAX: _____		ANALYSIS REQUESTED No # of Containers Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.																																																																																																																				
SIGNATURE: <u>Kristen Rivera</u>		SAMPLED DATE: <u>6/30/14</u> TIME: <u>17:00</u> Matrix (See codes) <u>SO</u> Composite <u>X</u> Grab _____		REMARKS PRESENTATION (See codes) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>MA</th> <th>NA</th> <th> </th> <th> </th> <th> </th> <th> </th> <th> </th> <th> </th> </tr> <tr> <td>X</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>X</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>X</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>X</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>X</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>				MA	NA							X								X								X								X								X																																																																								
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SAMPLE ID 1 <u>SB-3-15-16'</u> 2 <u>SB-4-0-2'</u> 3 <u>SB-4-4.5-5.5'</u> 4 <u>SP-4-10-11'</u> 5 <u>SL-4-15-16'</u> 6 _____ 7 _____ 8 _____ 9 _____ 10 _____ 11 _____ 12 _____ 13 _____ 14 _____		DATE/TIME RECEIVED BY 1. <u>7/1/2014 Katya R</u> 2. _____ 3. _____		PROJECT INFORMATION PROJECT NAME: <u>BROOKHAVEN-DPL</u> PROJECT #: <u>07.20140272</u> SITE ADDRESS: <u>1257 PARK AVE</u> <u>Atlanta, GA 30319</u> SEND REPORT TO: <u>Kristen Rivera</u> INVOICE TO (IF DIFFERENT FROM ABOVE) QUOTE # _____ PO# _____																																																																																																																				
SPECIAL INSTRUCTIONS/COMMENTS SAMPLES RECEIVED AFTER 3PM ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.		SHIPMENT METHOD OUT / / VIA. IN / / VIA. CLIENT <input checked="" type="radio"/> FedEx <input type="radio"/> UPS <input type="radio"/> MAIL <input type="radio"/> COURIER GREYHOUND OTHER _____		RECEIPT Total # of Containers Turnaround Time Request <input type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req.) <input type="radio"/> Other _____																																																																																																																				

MATRIX CODES: A = Air, GW = Groundwater, SE = Sediment, SO = Soil, SV = 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(A)+I = Sodium Bisulfate/Methanol + ice, O = Other (specify) NA = None
 STATE PROGRAM (if any): _____ E-mail? Y / N, Fax? Y / N
 DATA PACKAGE: I II III IV
 Turnaround Time Request: Standard 5 Business Days, 2 Business Day Rush, Next Business Day Rush, Same Day Rush (auth req.), Other

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: B-4-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 8:56:00 AM

Lab ID: 1407013-001

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	BRL	760		ug/Kg-dry	193137	200	7/14/2014 5:45 PM
4,4'-DDE	BRL	760		ug/Kg-dry	193137	200	7/14/2014 5:45 PM
4,4'-DDT	BRL	760		ug/Kg-dry	193137	200	7/14/2014 5:45 PM
Aldrin	BRL	190		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
alpha-BHC	BRL	190		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
alpha-Chlordane	BRL	190		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
beta-BHC	BRL	190		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
Chlordane	76000	19000		ug/Kg-dry	193137	500	7/15/2014 6:38 PM
delta-BHC	BRL	190		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
Dieldrin	2900	760		ug/Kg-dry	193137	200	7/14/2014 5:45 PM
Endosulfan I	BRL	190		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
Endosulfan II	BRL	380		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
Endosulfan sulfate	BRL	380		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
Endrin	BRL	380		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
Endrin aldehyde	BRL	380		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
Endrin ketone	BRL	380		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
gamma-BHC	BRL	190		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
gamma-Chlordane	BRL	190		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
Heptachlor	BRL	190		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
Heptachlor epoxide	BRL	190		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
Methoxychlor	BRL	1900		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
Toxaphene	BRL	19000		ug/Kg-dry	193137	100	7/8/2014 8:41 PM
Surr: Decachlorobiphenyl	0	25.2-120	S	%REC	193137	100	7/8/2014 8:41 PM
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193137	100	7/8/2014 8:41 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	12.3	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: B-4-3.5-4.5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 9:04:00 AM

Lab ID: 1407013-002

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	39		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
4,4'-DDE	BRL	39		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
4,4'-DDT	BRL	39		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
Aldrin	BRL	20		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
alpha-BHC	BRL	20		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
alpha-Chlordane	BRL	20		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
beta-BHC	BRL	20		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
Chlordane	870	390		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
delta-BHC	BRL	20		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
Dieldrin	BRL	39		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
Endosulfan I	BRL	20		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
Endosulfan II	BRL	39		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
Endosulfan sulfate	BRL	39		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
Endrin	BRL	39		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
Endrin aldehyde	BRL	39		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
Endrin ketone	BRL	39		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
gamma-BHC	BRL	20		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
gamma-Chlordane	BRL	20		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
Heptachlor	BRL	20		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
Heptachlor epoxide	BRL	20		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
Methoxychlor	BRL	200		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
Toxaphene	BRL	2000		ug/Kg-dry	193137	10	7/8/2014 8:30 PM
Surr: Decachlorobiphenyl	99.1	25.2-120		%REC	193137	10	7/8/2014 8:30 PM
Surr: Tetrachloro-m-xylene	106	30.5-120		%REC	193137	10	7/8/2014 8:30 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	14.5	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: B-4-13.5-14.5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 9:05:00 AM

Lab ID: 1407013-003

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
4,4'-DDE	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
4,4'-DDT	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
Aldrin	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
Chlordane	BRL	39		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
Dieldrin	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
Endosulfan II	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
Endrin	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
Endrin ketone	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
gamma-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
Methoxychlor	BRL	19		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
Toxaphene	BRL	190		ug/Kg-dry	193137	1	7/7/2014 6:05 PM
Surr: Decachlorobiphenyl	102	25.2-120		%REC	193137	1	7/7/2014 6:05 PM
Surr: Tetrachloro-m-xylene	90.1	30.5-120		%REC	193137	1	7/7/2014 6:05 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	14.4	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: B-4-4-5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 9:07:00 AM

Lab ID: 1407013-004

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
4,4'-DDE	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
4,4'-DDT	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
Aldrin	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
alpha-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
beta-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
Chlordane	BRL	39		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
delta-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
Dieldrin	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
Endosulfan I	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
Endosulfan II	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
Endrin	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
Endrin ketone	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
gamma-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
Heptachlor	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
Methoxychlor	BRL	20		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
Toxaphene	BRL	200		ug/Kg-dry	193137	1	7/7/2014 6:16 PM
Surr: Decachlorobiphenyl	104	25.2-120		%REC	193137	1	7/7/2014 6:16 PM
Surr: Tetrachloro-m-xylene	92.8	30.5-120		%REC	193137	1	7/7/2014 6:16 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	14.7	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-42-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 9:30:00 AM

Lab ID: 1407013-006

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	750		ug/Kg-dry	193477	200	7/10/2014 8:40 PM
4,4'-DDE	BRL	750		ug/Kg-dry	193477	200	7/10/2014 8:40 PM
4,4'-DDT	3000	750		ug/Kg-dry	193477	200	7/10/2014 8:40 PM
Aldrin	BRL	38		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
alpha-BHC	BRL	38		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
alpha-Chlordane	BRL	38		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
beta-BHC	BRL	38		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
Chlordane	5300	750		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
delta-BHC	BRL	38		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
Dieldrin	BRL	750		ug/Kg-dry	193477	200	7/10/2014 8:40 PM
Endosulfan I	BRL	38		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
Endosulfan II	BRL	75		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
Endosulfan sulfate	BRL	75		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
Endrin	BRL	75		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
Endrin aldehyde	BRL	75		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
Endrin ketone	BRL	75		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
gamma-BHC	BRL	38		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
gamma-Chlordane	BRL	38		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
Heptachlor	BRL	38		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
Heptachlor epoxide	BRL	38		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
Methoxychlor	BRL	380		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
Toxaphene	BRL	3800		ug/Kg-dry	193137	20	7/8/2014 8:53 PM
Surr: Decachlorobiphenyl	133	25.2-120	S	%REC	193137	20	7/8/2014 8:53 PM
Surr: Tetrachloro-m-xylene	125	30.5-120	S	%REC	193137	20	7/8/2014 8:53 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	11.8	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.
Project: Brookhaven--DPW
Lab ID: 1407013-007

Client Sample ID: SB-42-4-5'
Collection Date: 6/30/2014 9:36:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
4,4'-DDE	10	4.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
4,4'-DDT	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
Aldrin	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
alpha-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
beta-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
Chlordane	BRL	40		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
delta-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
Dieldrin	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
Endosulfan I	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
Endosulfan II	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
Endrin	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
Endrin ketone	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
gamma-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
Heptachlor	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
Heptachlor epoxide	5.1	2.0		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
Methoxychlor	BRL	20		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
Toxaphene	BRL	200		ug/Kg-dry	193137	1	7/7/2014 6:27 PM
Surr: Decachlorobiphenyl	105	25.2-120		%REC	193137	1	7/7/2014 6:27 PM
Surr: Tetrachloro-m-xylene	92.3	30.5-120		%REC	193137	1	7/7/2014 6:27 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	16.8	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-42-5-6'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 9:38:00 AM

Lab ID: 1407013-008

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
4,4'-DDE	6.0	4.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
4,4'-DDT	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
Aldrin	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
alpha-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
beta-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
Chlordane	BRL	40		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
delta-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
Dieldrin	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
Endosulfan I	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
Endosulfan II	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
Endrin	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
Endrin ketone	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
gamma-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
Heptachlor	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
Heptachlor epoxide	3.2	2.0		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
Methoxychlor	BRL	20		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
Toxaphene	BRL	200		ug/Kg-dry	193137	1	7/7/2014 6:38 PM
Surr: Decachlorobiphenyl	92.8	25.2-120		%REC	193137	1	7/7/2014 6:38 PM
Surr: Tetrachloro-m-xylene	83.8	30.5-120		%REC	193137	1	7/7/2014 6:38 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	16.3	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-42-8.5-9.5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 9:37:00 AM

Lab ID: 1407013-009

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
4,4'-DDE	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
4,4'-DDT	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
Aldrin	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
alpha-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
beta-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
Chlordane	BRL	40		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
delta-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
Dieldrin	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
Endosulfan I	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
Endosulfan II	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
Endrin	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
Endrin ketone	BRL	4.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
gamma-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
Heptachlor	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
Methoxychlor	BRL	20		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
Toxaphene	BRL	200		ug/Kg-dry	193137	1	7/7/2014 6:49 PM
Surr: Decachlorobiphenyl	99.5	25.2-120		%REC	193137	1	7/7/2014 6:49 PM
Surr: Tetrachloro-m-xylene	86.5	30.5-120		%REC	193137	1	7/7/2014 6:49 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	17.7	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-41-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 9:48:00 AM

Lab ID: 1407013-011

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
4,4'-DDE	BRL	39		ug/Kg-dry	193137	10	7/13/2014 3:44 PM
4,4'-DDT	120	39		ug/Kg-dry	193137	10	7/14/2014 5:56 PM
Aldrin	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
alpha-BHC	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
beta-BHC	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
Chlordane	2200	390		ug/Kg-dry	193137	10	7/8/2014 9:04 PM
delta-BHC	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
Dieldrin	41	3.9		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
Endosulfan I	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
Endosulfan II	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
Endrin	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
Endrin ketone	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
gamma-BHC	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
Heptachlor	3.7	2.0		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
Methoxychlor	BRL	20		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
Toxaphene	BRL	200		ug/Kg-dry	193477	1	7/10/2014 8:51 PM
Surr: Decachlorobiphenyl	54.2	25.2-120		%REC	193477	1	7/10/2014 8:51 PM
Surr: Tetrachloro-m-xylene	49.7	30.5-120		%REC	193477	1	7/10/2014 8:51 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	15.0	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-41-3-4'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 9:49:00 AM

Lab ID: 1407013-012

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
4,4'-DDE	BRL	39		ug/Kg-dry	193137	10	7/13/2014 3:56 PM
4,4'-DDT	110	3.9		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
Aldrin	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
alpha-BHC	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
beta-BHC	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
Chlordane	2000	390		ug/Kg-dry	193137	10	7/8/2014 9:15 PM
delta-BHC	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
Dieldrin	35	3.9		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
Endosulfan I	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
Endosulfan II	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
Endrin	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
Endrin ketone	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
gamma-BHC	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
Heptachlor	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
Methoxychlor	BRL	20		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
Toxaphene	BRL	200		ug/Kg-dry	193477	1	7/10/2014 9:02 PM
Surr: Decachlorobiphenyl	66.4	25.2-120		%REC	193477	1	7/10/2014 9:02 PM
Surr: Tetrachloro-m-xylene	64.8	30.5-120		%REC	193477	1	7/10/2014 9:02 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	15.0	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.
Project: Brookhaven--DPW
Lab ID: 1407013-013

Client Sample ID: SB-41-4-5'
Collection Date: 6/30/2014 9:56:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
4,4'-DDE	4.0	3.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
4,4'-DDT	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
Aldrin	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
Chlordane	240	39		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
Dieldrin	6.5	3.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
Endosulfan II	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
Endrin	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
Endrin ketone	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
gamma-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
Methoxychlor	BRL	19		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
Toxaphene	BRL	190		ug/Kg-dry	193137	1	7/7/2014 7:00 PM
Surr: Decachlorobiphenyl	100	25.2-120		%REC	193137	1	7/7/2014 7:00 PM
Surr: Tetrachloro-m-xylene	89.0	30.5-120		%REC	193137	1	7/7/2014 7:00 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	13.9	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-41-8.5-9.5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 10:00:00 AM

Lab ID: 1407013-014

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.8		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
4,4'-DDE	BRL	3.8		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
4,4'-DDT	BRL	3.8		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
Aldrin	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
Chlordane	BRL	38		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
Dieldrin	BRL	3.8		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
Endosulfan II	BRL	3.8		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
Endrin	BRL	3.8		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
Endrin ketone	BRL	3.8		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
gamma-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
Methoxychlor	BRL	19		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
Toxaphene	BRL	190		ug/Kg-dry	193137	1	7/7/2014 7:11 PM
Surr: Decachlorobiphenyl	77.3	25.2-120		%REC	193137	1	7/7/2014 7:11 PM
Surr: Tetrachloro-m-xylene	63.1	30.5-120		%REC	193137	1	7/7/2014 7:11 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	12.1	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-33-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 10:14:00 AM

Lab ID: 1407013-016

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	200		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
4,4'-DDE	BRL	200		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
4,4'-DDT	BRL	200		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
Aldrin	BRL	99		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
alpha-BHC	BRL	99		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
alpha-Chlordane	BRL	99		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
beta-BHC	BRL	99		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
Chlordane	10000	2000		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
delta-BHC	BRL	99		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
Dieldrin	BRL	200		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
Endosulfan I	BRL	99		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
Endosulfan II	BRL	200		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
Endosulfan sulfate	BRL	200		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
Endrin	BRL	200		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
Endrin aldehyde	BRL	200		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
Endrin ketone	BRL	200		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
gamma-BHC	BRL	99		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
gamma-Chlordane	BRL	99		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
Heptachlor	170	99		ug/Kg-dry	193137	50	7/13/2014 1:31 PM
Heptachlor epoxide	BRL	99		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
Methoxychlor	BRL	990		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
Toxaphene	BRL	9900		ug/Kg-dry	193137	50	7/8/2014 9:26 PM
Surr: Decachlorobiphenyl	135	25.2-120	S	%REC	193137	50	7/8/2014 9:26 PM
Surr: Tetrachloro-m-xylene	204	30.5-120	S	%REC	193137	50	7/8/2014 9:26 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	16.0	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-33-4-5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 10:15:00 AM

Lab ID: 1407013-017

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	5.2	3.9		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
4,4'-DDE	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
4,4'-DDT	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
Aldrin	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
alpha-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
beta-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
Chlordane	280	39		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
delta-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
Dieldrin	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
Endosulfan I	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
Endosulfan II	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
Endrin	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
Endrin ketone	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
gamma-BHC	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
Heptachlor	8.7	2.0		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
Methoxychlor	BRL	20		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
Toxaphene	BRL	200		ug/Kg-dry	193137	1	7/7/2014 7:22 PM
Surr: Decachlorobiphenyl	101	25.2-120		%REC	193137	1	7/7/2014 7:22 PM
Surr: Tetrachloro-m-xylene	87.2	30.5-120		%REC	193137	1	7/7/2014 7:22 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	15.7	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-33-8.5-9.5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 10:19:00 AM

Lab ID: 1407013-018

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
4,4'-DDE	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
4,4'-DDT	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
Aldrin	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
Chlordane	BRL	39		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
Dieldrin	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
Endosulfan II	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
Endrin	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
Endrin ketone	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
gamma-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
Methoxychlor	BRL	19		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
Toxaphene	BRL	190		ug/Kg-dry	193137	1	7/7/2014 7:33 PM
Surr: Decachlorobiphenyl	106	25.2-120		%REC	193137	1	7/7/2014 7:33 PM
Surr: Tetrachloro-m-xylene	93.3	30.5-120		%REC	193137	1	7/7/2014 7:33 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	14.1	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-32-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 10:45:00 AM

Lab ID: 1407013-020

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	190		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
4,4'-DDE	BRL	190		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
4,4'-DDT	BRL	190		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
Aldrin	BRL	97		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
alpha-BHC	BRL	97		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
alpha-Chlordane	BRL	97		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
beta-BHC	BRL	97		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
Chlordane	15000	1900		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
delta-BHC	BRL	97		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
Dieldrin	BRL	190		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
Endosulfan I	BRL	97		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
Endosulfan II	BRL	190		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
Endosulfan sulfate	BRL	190		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
Endrin	BRL	190		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
Endrin aldehyde	BRL	190		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
Endrin ketone	BRL	190		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
gamma-BHC	BRL	97		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
gamma-Chlordane	BRL	97		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
Heptachlor	BRL	97		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
Heptachlor epoxide	BRL	97		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
Methoxychlor	BRL	970		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
Toxaphene	BRL	9700		ug/Kg-dry	193137	50	7/9/2014 1:19 AM
Surr: Decachlorobiphenyl	174	25.2-120	S	%REC	193137	50	7/9/2014 1:19 AM
Surr: Tetrachloro-m-xylene	216	30.5-120	S	%REC	193137	50	7/9/2014 1:19 AM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	14.1	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-32-4-5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 10:45:00 AM

Lab ID: 1407013-021

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
4,4'-DDE	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
4,4'-DDT	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
Aldrin	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
Chlordane	63	39		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
Dieldrin	5.8	3.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
Endosulfan II	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
Endrin	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
Endrin ketone	BRL	3.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
gamma-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
Heptachlor epoxide	2.2	1.9		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
Methoxychlor	BRL	19		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
Toxaphene	BRL	190		ug/Kg-dry	193137	1	7/7/2014 7:44 PM
Surr: Decachlorobiphenyl	58.9	25.2-120		%REC	193137	1	7/7/2014 7:44 PM
Surr: Tetrachloro-m-xylene	50.0	30.5-120		%REC	193137	1	7/7/2014 7:44 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	14.0	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-32-8.5-9.5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 10:50:00 AM

Lab ID: 1407013-022

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
4,4'-DDE	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
4,4'-DDT	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
Aldrin	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
Chlordane	110	37		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
Dieldrin	8.4	3.7		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
Endosulfan II	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
Endrin	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
Endrin aldehyde	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
Endrin ketone	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
gamma-BHC	11	1.9		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
Heptachlor epoxide	2.0	1.9		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
Methoxychlor	BRL	19		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
Toxaphene	BRL	190		ug/Kg-dry	193137	1	7/7/2014 9:02 PM
Surr: Decachlorobiphenyl	99.7	25.2-120		%REC	193137	1	7/7/2014 9:02 PM
Surr: Tetrachloro-m-xylene	86.1	30.5-120		%REC	193137	1	7/7/2014 9:02 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	10.7	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-32-10-11'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 10:50:00 AM

Lab ID: 1407013-023

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
4,4'-DDE	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
4,4'-DDT	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
Aldrin	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
Chlordane	76	37		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
Dieldrin	6.2	3.7		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
Endosulfan II	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
Endrin	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
Endrin aldehyde	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
Endrin ketone	BRL	3.7		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
gamma-BHC	9.0	1.9		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
Methoxychlor	BRL	19		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
Toxaphene	BRL	190		ug/Kg-dry	193137	1	7/7/2014 9:13 PM
Surr: Decachlorobiphenyl	99.4	25.2-120		%REC	193137	1	7/7/2014 9:13 PM
Surr: Tetrachloro-m-xylene	80.9	30.5-120		%REC	193137	1	7/7/2014 9:13 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	10.8	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-22-0-2'-B-3

Project: Brookhaven--DPW

Collection Date: 6/30/2014 11:05:00 AM

Lab ID: 1407013-025

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	39		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
4,4'-DDE	BRL	39		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
4,4'-DDT	BRL	39		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
Aldrin	BRL	20		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
alpha-BHC	BRL	20		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
alpha-Chlordane	BRL	20		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
beta-BHC	BRL	20		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
Chlordane	780	390		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
delta-BHC	BRL	20		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
Dieldrin	BRL	39		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
Endosulfan I	BRL	20		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
Endosulfan II	BRL	39		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
Endosulfan sulfate	BRL	39		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
Endrin	BRL	39		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
Endrin aldehyde	BRL	39		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
Endrin ketone	BRL	39		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
gamma-BHC	BRL	20		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
gamma-Chlordane	BRL	20		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
Heptachlor	BRL	20		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
Heptachlor epoxide	BRL	20		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
Methoxychlor	BRL	200		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
Toxaphene	BRL	2000		ug/Kg-dry	193137	10	7/9/2014 1:31 AM
Surr: Decachlorobiphenyl	149	25.2-120	S	%REC	193137	10	7/9/2014 1:31 AM
Surr: Tetrachloro-m-xylene	130	30.5-120	S	%REC	193137	10	7/9/2014 1:31 AM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	15.3	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.
Project: Brookhaven--DPW
Lab ID: 1407013-026

Client Sample ID: SB-22-4-5'-B-3
Collection Date: 6/30/2014 11:05:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	4.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
4,4'-DDE	BRL	4.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
4,4'-DDT	BRL	4.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
Aldrin	BRL	2.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
alpha-BHC	BRL	2.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
beta-BHC	BRL	2.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
Chlordane	BRL	40		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
delta-BHC	BRL	2.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
Dieldrin	BRL	4.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
Endosulfan I	BRL	2.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
Endosulfan II	BRL	4.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
Endrin	BRL	4.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
Endrin ketone	BRL	4.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
gamma-BHC	BRL	2.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
Heptachlor	BRL	2.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
Methoxychlor	BRL	20		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
Toxaphene	BRL	200		ug/Kg-dry	193138	1	7/7/2014 9:25 PM
Surr: Decachlorobiphenyl	77.7	25.2-120		%REC	193138	1	7/7/2014 9:25 PM
Surr: Tetrachloro-m-xylene	69.1	30.5-120		%REC	193138	1	7/7/2014 9:25 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	16.3	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-22-8.5-9.5'-B-3

Project: Brookhaven--DPW

Collection Date: 6/30/2014 11:12:00 AM

Lab ID: 1407013-027

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
4,4'-DDE	BRL	3.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
4,4'-DDT	BRL	3.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
Aldrin	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
Chlordane	BRL	39		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
Dieldrin	BRL	3.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
Endosulfan II	BRL	3.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
Endrin	BRL	3.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
Endrin ketone	BRL	3.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
gamma-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
Methoxychlor	BRL	19		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
Toxaphene	BRL	190		ug/Kg-dry	193138	1	7/7/2014 9:36 PM
Surr: Decachlorobiphenyl	80.0	25.2-120		%REC	193138	1	7/7/2014 9:36 PM
Surr: Tetrachloro-m-xylene	63.8	30.5-120		%REC	193138	1	7/7/2014 9:36 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	14.3	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-22-10-11'-B-3

Project: Brookhaven--DPW

Collection Date: 6/30/2014 11:12:00 AM

Lab ID: 1407013-028

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.8		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
4,4'-DDE	BRL	3.8		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
4,4'-DDT	BRL	3.8		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
Aldrin	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
Chlordane	BRL	38		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
Dieldrin	BRL	3.8		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
Endosulfan II	BRL	3.8		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
Endrin	BRL	3.8		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
Endrin ketone	BRL	3.8		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
gamma-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
Methoxychlor	BRL	19		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
Toxaphene	BRL	190		ug/Kg-dry	193138	1	7/7/2014 9:47 PM
Surr: Decachlorobiphenyl	84.9	25.2-120		%REC	193138	1	7/7/2014 9:47 PM
Surr: Tetrachloro-m-xylene	64.3	30.5-120		%REC	193138	1	7/7/2014 9:47 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	13.3	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-31-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 11:30:00 AM

Lab ID: 1407013-029

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
4,4'-DDE	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
4,4'-DDT	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
Aldrin	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
alpha-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
alpha-Chlordane	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
beta-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
Chlordane	150000	38000		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
delta-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
Dieldrin	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
Endosulfan I	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
Endosulfan II	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
Endosulfan sulfate	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
Endrin	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
Endrin aldehyde	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
Endrin ketone	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
gamma-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
gamma-Chlordane	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
Heptachlor	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
Heptachlor epoxide	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
Methoxychlor	BRL	19000		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
Toxaphene	BRL	190000		ug/Kg-dry	193138	1000	7/9/2014 1:42 AM
Surr: Decachlorobiphenyl	0	25.2-120	S	%REC	193138	1000	7/9/2014 1:42 AM
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193138	1000	7/9/2014 1:42 AM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	11.5	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-31-4-5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 11:30:00 AM

Lab ID: 1407013-030

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	39		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
4,4'-DDE	BRL	39		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
4,4'-DDT	BRL	39		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
Aldrin	BRL	20		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
alpha-BHC	BRL	20		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
alpha-Chlordane	BRL	20		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
beta-BHC	BRL	20		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
Chlordane	730	390		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
delta-BHC	BRL	20		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
Dieldrin	BRL	39		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
Endosulfan I	BRL	20		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
Endosulfan II	BRL	39		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
Endosulfan sulfate	BRL	39		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
Endrin	BRL	39		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
Endrin aldehyde	BRL	39		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
Endrin ketone	BRL	39		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
gamma-BHC	BRL	20		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
gamma-Chlordane	BRL	20		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
Heptachlor	BRL	20		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
Heptachlor epoxide	BRL	20		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
Methoxychlor	BRL	200		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
Toxaphene	BRL	2000		ug/Kg-dry	193138	10	7/9/2014 1:53 AM
Surr: Decachlorobiphenyl	104	25.2-120		%REC	193138	10	7/9/2014 1:53 AM
Surr: Tetrachloro-m-xylene	100	30.5-120		%REC	193138	10	7/9/2014 1:53 AM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	15.2	0		wt%		1	7/3/2014 10:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-31-9.5-11'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 11:38:00 AM

Lab ID: 1407013-031

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	200		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
4,4'-DDE	BRL	200		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
4,4'-DDT	BRL	200		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
Aldrin	BRL	98		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
alpha-BHC	BRL	98		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
alpha-Chlordane	BRL	98		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
beta-BHC	BRL	98		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
Chlordane	17000	2000		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
delta-BHC	BRL	98		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
Dieldrin	BRL	200		ug/Kg-dry	193138	50	7/13/2014 1:42 PM
Endosulfan I	BRL	98		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
Endosulfan II	BRL	200		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
Endosulfan sulfate	BRL	200		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
Endrin	BRL	200		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
Endrin aldehyde	BRL	200		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
Endrin ketone	BRL	200		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
gamma-BHC	BRL	98		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
gamma-Chlordane	BRL	98		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
Heptachlor	150	98		ug/Kg-dry	193138	50	7/13/2014 1:42 PM
Heptachlor epoxide	BRL	98		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
Methoxychlor	BRL	980		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
Toxaphene	BRL	9800		ug/Kg-dry	193138	50	7/9/2014 2:04 AM
Surr: Decachlorobiphenyl	135	25.2-120	S	%REC	193138	50	7/9/2014 2:04 AM
Surr: Tetrachloro-m-xylene	70.3	30.5-120		%REC	193138	50	7/9/2014 2:04 AM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	14.9	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-22-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 11:57:00 AM

Lab ID: 1407013-033

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	38		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
4,4'-DDE	BRL	38		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
4,4'-DDT	BRL	38		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
Aldrin	BRL	19		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
alpha-BHC	BRL	19		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
alpha-Chlordane	BRL	19		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
beta-BHC	BRL	19		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
Chlordane	2200	380		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
delta-BHC	BRL	19		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
Dieldrin	74	38		ug/Kg-dry	193138	10	7/13/2014 1:53 PM
Endosulfan I	BRL	19		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
Endosulfan II	BRL	38		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
Endosulfan sulfate	BRL	38		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
Endrin	BRL	38		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
Endrin aldehyde	BRL	38		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
Endrin ketone	BRL	38		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
gamma-BHC	BRL	19		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
gamma-Chlordane	BRL	19		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
Heptachlor	BRL	19		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
Heptachlor epoxide	BRL	19		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
Methoxychlor	BRL	190		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
Toxaphene	BRL	1900		ug/Kg-dry	193138	10	7/9/2014 2:15 AM
Surr: Decachlorobiphenyl	144	25.2-120	S	%REC	193138	10	7/9/2014 2:15 AM
Surr: Tetrachloro-m-xylene	113	30.5-120		%REC	193138	10	7/9/2014 2:15 AM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	13.5	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-22-4-5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 11:57:00 AM

Lab ID: 1407013-034

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
4,4'-DDE	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
4,4'-DDT	3.9	3.8		ug/Kg-dry	193138	1	7/9/2014 3:21 PM
Aldrin	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
Chlordane	93	38		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
Dieldrin	14	3.8		ug/Kg-dry	193138	1	7/9/2014 3:21 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
Endosulfan II	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
Endrin	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
Endrin ketone	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
gamma-BHC	6.1	1.9		ug/Kg-dry	193138	1	7/13/2014 2:04 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
Methoxychlor	BRL	19		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
Toxaphene	BRL	190		ug/Kg-dry	193138	1	7/8/2014 7:13 PM
Surr: Decachlorobiphenyl	92.3	25.2-120		%REC	193138	1	7/8/2014 7:13 PM
Surr: Tetrachloro-m-xylene	78.0	30.5-120		%REC	193138	1	7/8/2014 7:13 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	11.4	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-22-8.5-9.5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 12:00:00 PM

Lab ID: 1407013-035

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
4,4'-DDE	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
4,4'-DDT	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
Aldrin	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
Chlordane	BRL	37		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
Dieldrin	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
Endosulfan II	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
Endrin	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
Endrin aldehyde	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
Endrin ketone	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
gamma-BHC	13	1.9		ug/Kg-dry	193138	1	7/13/2014 2:15 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
Methoxychlor	BRL	19		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
Toxaphene	BRL	190		ug/Kg-dry	193138	1	7/8/2014 7:24 PM
Surr: Decachlorobiphenyl	88.7	25.2-120		%REC	193138	1	7/8/2014 7:24 PM
Surr: Tetrachloro-m-xylene	73.9	30.5-120		%REC	193138	1	7/8/2014 7:24 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	11.3	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-22-10-11'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 12:00:00 PM

Lab ID: 1407013-036

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
4,4'-DDE	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
4,4'-DDT	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
Aldrin	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
Chlordane	BRL	37		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
Dieldrin	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
Endosulfan II	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
Endrin	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
Endrin aldehyde	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
Endrin ketone	BRL	3.7		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
gamma-BHC	9.1	1.9		ug/Kg-dry	193138	1	7/13/2014 2:27 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
Methoxychlor	BRL	19		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
Toxaphene	BRL	190		ug/Kg-dry	193138	1	7/8/2014 7:35 PM
Surr: Decachlorobiphenyl	102	25.2-120		%REC	193138	1	7/8/2014 7:35 PM
Surr: Tetrachloro-m-xylene	93.4	30.5-120		%REC	193138	1	7/8/2014 7:35 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	10.9	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-21-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 1:45:00 PM

Lab ID: 1407013-039

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
4,4'-DDE	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
4,4'-DDT	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
Aldrin	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
alpha-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
alpha-Chlordane	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
beta-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
Chlordane	150000	38000		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
delta-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
Dieldrin	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
Endosulfan I	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
Endosulfan II	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
Endosulfan sulfate	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
Endrin	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
Endrin aldehyde	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
Endrin ketone	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
gamma-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
gamma-Chlordane	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
Heptachlor	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
Heptachlor epoxide	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
Methoxychlor	BRL	19000		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
Toxaphene	BRL	190000		ug/Kg-dry	193138	1000	7/9/2014 2:26 AM
Surr: Decachlorobiphenyl	0	25.2-120	S	%REC	193138	1000	7/9/2014 2:26 AM
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193138	1000	7/9/2014 2:26 AM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	13.6	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-21-4-5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 1:55:00 PM

Lab ID: 1407013-040

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	21000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
4,4'-DDE	BRL	21000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
4,4'-DDT	BRL	21000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
Aldrin	BRL	11000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
alpha-BHC	BRL	11000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
alpha-Chlordane	BRL	11000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
beta-BHC	BRL	11000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
Chlordane	410000	210000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
delta-BHC	BRL	11000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
Dieldrin	BRL	21000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
Endosulfan I	BRL	11000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
Endosulfan II	BRL	21000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
Endosulfan sulfate	BRL	21000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
Endrin	BRL	21000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
Endrin aldehyde	BRL	21000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
Endrin ketone	BRL	21000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
gamma-BHC	BRL	11000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
gamma-Chlordane	BRL	11000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
Heptachlor	BRL	11000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
Heptachlor epoxide	BRL	11000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
Methoxychlor	BRL	110000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
Toxaphene	BRL	1100000		ug/Kg-dry	193138	5000	7/9/2014 2:37 AM
Surr: Decachlorobiphenyl	0	25.2-120	S	%REC	193138	5000	7/9/2014 2:37 AM
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193138	5000	7/9/2014 2:37 AM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	20.9	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-21-8.5-9.5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 2:00:00 PM

Lab ID: 1407013-041

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	4.5		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
4,4'-DDE	BRL	4.5		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
4,4'-DDT	BRL	4.5		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
Aldrin	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
alpha-BHC	BRL	2.2		ug/Kg-dry	193138	1	7/13/2014 2:38 PM
alpha-Chlordane	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
beta-BHC	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
Chlordane	BRL	45		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
delta-BHC	BRL	2.2		ug/Kg-dry	193138	1	7/13/2014 2:38 PM
Dieldrin	BRL	4.5		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
Endosulfan I	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
Endosulfan II	BRL	4.5		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
Endosulfan sulfate	BRL	4.5		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
Endrin	BRL	4.5		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
Endrin aldehyde	BRL	4.5		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
Endrin ketone	BRL	4.5		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
gamma-BHC	43	2.2		ug/Kg-dry	193138	1	7/13/2014 2:38 PM
gamma-Chlordane	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
Heptachlor	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
Heptachlor epoxide	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
Methoxychlor	BRL	22		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
Toxaphene	BRL	220		ug/Kg-dry	193138	1	7/8/2014 7:46 PM
Surr: Decachlorobiphenyl	104	25.2-120		%REC	193138	1	7/8/2014 7:46 PM
Surr: Tetrachloro-m-xylene	95.8	30.5-120		%REC	193138	1	7/8/2014 7:46 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	25.9	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-21-14-15'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 1:55:00 PM

Lab ID: 1407013-042

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	4.4		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
4,4'-DDE	BRL	4.4		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
4,4'-DDT	BRL	4.4		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
Aldrin	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
alpha-BHC	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
alpha-Chlordane	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
beta-BHC	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
Chlordane	97	44		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
delta-BHC	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
Dieldrin	BRL	4.4		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
Endosulfan I	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
Endosulfan II	BRL	4.4		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
Endosulfan sulfate	BRL	4.4		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
Endrin	BRL	4.4		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
Endrin aldehyde	BRL	4.4		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
Endrin ketone	BRL	4.4		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
gamma-BHC	29	2.2		ug/Kg-dry	193138	1	7/13/2014 2:49 PM
gamma-Chlordane	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
Heptachlor	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
Heptachlor epoxide	BRL	2.2		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
Methoxychlor	BRL	22		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
Toxaphene	BRL	220		ug/Kg-dry	193138	1	7/8/2014 7:57 PM
Surr: Decachlorobiphenyl	90.8	25.2-120		%REC	193138	1	7/8/2014 7:57 PM
Surr: Tetrachloro-m-xylene	82.2	30.5-120		%REC	193138	1	7/8/2014 7:57 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	23.9	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-15-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 2:20:00 PM

Lab ID: 1407013-043

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
4,4'-DDE	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
4,4'-DDT	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
Aldrin	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
alpha-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
alpha-Chlordane	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
beta-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
Chlordane	170000	38000		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
delta-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
Dieldrin	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
Endosulfan I	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
Endosulfan II	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
Endosulfan sulfate	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
Endrin	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
Endrin aldehyde	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
Endrin ketone	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
gamma-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
gamma-Chlordane	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
Heptachlor	4500	1900		ug/Kg-dry	193138	1000	7/13/2014 4:31 PM
Heptachlor epoxide	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
Methoxychlor	BRL	19000		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
Toxaphene	BRL	190000		ug/Kg-dry	193138	1000	7/9/2014 2:48 AM
Surr: Decachlorobiphenyl	0	25.2-120	S	%REC	193138	1000	7/9/2014 2:48 AM
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193138	1000	7/9/2014 2:48 AM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	12.1	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-15-5-6'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 2:24:00 PM

Lab ID: 1407013-044

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	60	40		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
4,4'-DDE	BRL	40		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
4,4'-DDT	94	40		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
Aldrin	BRL	20		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
alpha-BHC	BRL	20		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
alpha-Chlordane	BRL	20		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
beta-BHC	BRL	20		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
Chlordane	1900	400		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
delta-BHC	BRL	20		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
Dieldrin	BRL	40		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
Endosulfan I	BRL	20		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
Endosulfan II	BRL	40		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
Endosulfan sulfate	BRL	40		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
Endrin	BRL	40		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
Endrin aldehyde	BRL	40		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
Endrin ketone	BRL	40		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
gamma-BHC	BRL	20		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
gamma-Chlordane	BRL	20		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
Heptachlor	BRL	20		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
Heptachlor epoxide	BRL	20		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
Methoxychlor	BRL	200		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
Toxaphene	BRL	2000		ug/Kg-dry	193138	10	7/10/2014 7:45 PM
Surr: Decachlorobiphenyl	96.3	25.2-120		%REC	193138	10	7/10/2014 7:45 PM
Surr: Tetrachloro-m-xylene	93.3	30.5-120		%REC	193138	10	7/10/2014 7:45 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	17.4	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-15-11-12'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 2:25:00 PM

Lab ID: 1407013-045

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	4.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
4,4'-DDE	BRL	4.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
4,4'-DDT	BRL	4.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
Aldrin	BRL	2.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
alpha-BHC	BRL	2.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
alpha-Chlordane	BRL	2.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
beta-BHC	BRL	2.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
Chlordane	BRL	41		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
delta-BHC	BRL	2.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
Dieldrin	BRL	4.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
Endosulfan I	BRL	2.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
Endosulfan II	BRL	4.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
Endosulfan sulfate	BRL	4.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
Endrin	BRL	4.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
Endrin aldehyde	BRL	4.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
Endrin ketone	BRL	4.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
gamma-BHC	BRL	2.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
gamma-Chlordane	BRL	2.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
Heptachlor	BRL	2.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
Heptachlor epoxide	BRL	2.1		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
Methoxychlor	BRL	21		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
Toxaphene	BRL	210		ug/Kg-dry	193138	1	7/10/2014 7:56 PM
Surr: Decachlorobiphenyl	106	25.2-120		%REC	193138	1	7/10/2014 7:56 PM
Surr: Tetrachloro-m-xylene	94.8	30.5-120		%REC	193138	1	7/10/2014 7:56 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	19.5	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-15-15-16'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 2:30:00 PM

Lab ID: 1407013-046

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
4,4'-DDE	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
4,4'-DDT	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
Aldrin	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
Chlordane	BRL	38		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
Dieldrin	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
Endosulfan II	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
Endrin	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
Endrin ketone	BRL	3.8		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
gamma-BHC	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
Methoxychlor	BRL	19		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
Toxaphene	BRL	190		ug/Kg-dry	193138	1	7/8/2014 8:19 PM
Surr: Decachlorobiphenyl	99.3	25.2-120		%REC	193138	1	7/8/2014 8:19 PM
Surr: Tetrachloro-m-xylene	86.5	30.5-120		%REC	193138	1	7/8/2014 8:19 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	12.9	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: B-5-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 2:50:00 PM

Lab ID: 1407013-047

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	100000	3800		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
4,4'-DDE	BRL	19000		ug/Kg-dry	193138	5000	7/9/2014 1:30 PM
4,4'-DDT	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
Aldrin	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
alpha-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
alpha-Chlordane	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
beta-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
Chlordane	500000	190000		ug/Kg-dry	193138	5000	7/9/2014 1:30 PM
delta-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
Dieldrin	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
Endosulfan I	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
Endosulfan II	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
Endosulfan sulfate	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
Endrin	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
Endrin aldehyde	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
Endrin ketone	BRL	3800		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
gamma-BHC	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
gamma-Chlordane	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
Heptachlor	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
Heptachlor epoxide	BRL	1900		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
Methoxychlor	BRL	19000		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
Toxaphene	BRL	190000		ug/Kg-dry	193138	1000	7/9/2014 1:19 PM
Surr: Decachlorobiphenyl	0	25.2-120	S	%REC	193138	1000	7/9/2014 1:19 PM
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193138	1000	7/9/2014 1:19 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	12.8	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: B-5-4.5-5.5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 3:00:00 PM

Lab ID: 1407013-048

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	780000	40000		ug/Kg-dry	193138	10000	7/13/2014 4:09 PM
4,4'-DDE	BRL	20000		ug/Kg-dry	193138	5000	7/9/2014 1:52 PM
4,4'-DDT	190000	20000		ug/Kg-dry	193138	5000	7/9/2014 1:52 PM
Aldrin	BRL	2000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
alpha-BHC	BRL	2000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
alpha-Chlordane	BRL	2000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
beta-BHC	BRL	2000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
Chlordane	190000	40000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
delta-BHC	BRL	2000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
Dieldrin	BRL	4000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
Endosulfan I	BRL	2000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
Endosulfan II	BRL	4000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
Endosulfan sulfate	BRL	4000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
Endrin	BRL	4000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
Endrin aldehyde	BRL	4000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
Endrin ketone	BRL	4000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
gamma-BHC	BRL	2000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
gamma-Chlordane	BRL	2000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
Heptachlor	BRL	2000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
Heptachlor epoxide	BRL	2000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
Methoxychlor	BRL	20000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
Toxaphene	BRL	200000		ug/Kg-dry	193138	1000	7/9/2014 1:41 PM
Surr: Decachlorobiphenyl	0	25.2-120	S	%REC	193138	1000	7/9/2014 1:41 PM
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193138	1000	7/9/2014 1:41 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	17.5	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: B-5-10-11'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 3:03:00 PM

Lab ID: 1407013-049

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	8.8	7.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
4,4'-DDE	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
4,4'-DDT	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
Aldrin	BRL	3.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
alpha-BHC	BRL	3.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
alpha-Chlordane	BRL	3.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
beta-BHC	BRL	3.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
Chlordane	81	79		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
delta-BHC	BRL	3.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
Dieldrin	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
Endosulfan I	BRL	3.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
Endosulfan II	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
Endosulfan sulfate	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
Endrin	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
Endrin aldehyde	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
Endrin ketone	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
gamma-BHC	BRL	3.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
gamma-Chlordane	BRL	3.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
Heptachlor	BRL	3.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
Heptachlor epoxide	BRL	3.9		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
Methoxychlor	BRL	39		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
Toxaphene	BRL	390		ug/Kg-dry	193477	2	7/10/2014 9:13 PM
Surr: Decachlorobiphenyl	54.3	25.2-120		%REC	193477	2	7/10/2014 9:13 PM
Surr: Tetrachloro-m-xylene	58.2	30.5-120		%REC	193477	2	7/10/2014 9:13 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	15.4	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-14-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 3:39:00 PM

Lab ID: 1407013-051

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	370		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
4,4'-DDE	BRL	370		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
4,4'-DDT	BRL	370		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
Aldrin	BRL	180		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
alpha-BHC	BRL	180		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
alpha-Chlordane	BRL	180		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
beta-BHC	BRL	180		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
Chlordane	43000	7300		ug/Kg-dry	193191	200	7/10/2014 9:36 PM
delta-BHC	BRL	180		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
Dieldrin	990	370		ug/Kg-dry	193191	100	7/9/2014 3:10 PM
Endosulfan I	BRL	180		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
Endosulfan II	BRL	370		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
Endosulfan sulfate	BRL	370		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
Endrin	BRL	370		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
Endrin aldehyde	BRL	370		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
Endrin ketone	BRL	370		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
gamma-BHC	BRL	180		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
gamma-Chlordane	BRL	180		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
Heptachlor	1900	180		ug/Kg-dry	193191	100	7/9/2014 3:10 PM
Heptachlor epoxide	BRL	180		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
Methoxychlor	BRL	1800		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
Toxaphene	BRL	18000		ug/Kg-dry	193191	100	7/8/2014 9:48 PM
Surr: Decachlorobiphenyl	175	25.2-120	S	%REC	193191	100	7/8/2014 9:48 PM
Surr: Tetrachloro-m-xylene	143	30.5-120	S	%REC	193191	100	7/8/2014 9:48 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	9.20	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-14-4.5-5.5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 3:43:00 PM

Lab ID: 1407013-052

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
4,4'-DDE	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
4,4'-DDT	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
Aldrin	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
alpha-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
beta-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
Chlordane	85	40		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
delta-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
Dieldrin	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
Endosulfan I	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
Endosulfan II	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
Endrin	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
Endrin ketone	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
gamma-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
Heptachlor	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
Methoxychlor	BRL	20		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
Toxaphene	BRL	200		ug/Kg-dry	193191	1	7/8/2014 9:59 PM
Surr: Decachlorobiphenyl	104	25.2-120		%REC	193191	1	7/8/2014 9:59 PM
Surr: Tetrachloro-m-xylene	80.7	30.5-120		%REC	193191	1	7/8/2014 9:59 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	17.4	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-14-10-11'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 3:45:00 PM

Lab ID: 1407013-053

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.8		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
4,4'-DDE	BRL	3.8		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
4,4'-DDT	BRL	3.8		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
Aldrin	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
Chlordane	BRL	38		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
Dieldrin	BRL	3.8		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
Endosulfan II	BRL	3.8		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
Endrin	BRL	3.8		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
Endrin ketone	BRL	3.8		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
gamma-BHC	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
Methoxychlor	BRL	19		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
Toxaphene	BRL	190		ug/Kg-dry	193191	1	7/8/2014 10:10 PM
Surr: Decachlorobiphenyl	97.4	25.2-120		%REC	193191	1	7/8/2014 10:10 PM
Surr: Tetrachloro-m-xylene	87.5	30.5-120		%REC	193191	1	7/8/2014 10:10 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	13.5	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-5-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 4:05:00 PM

Lab ID: 1407013-055

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	370		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
4,4'-DDE	BRL	370		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
4,4'-DDT	BRL	370		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
Aldrin	BRL	190		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
alpha-BHC	BRL	190		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
alpha-Chlordane	BRL	190		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
beta-BHC	BRL	190		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
Chlordane	11000	3700		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
delta-BHC	BRL	190		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
Dieldrin	BRL	370		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
Endosulfan I	BRL	190		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
Endosulfan II	BRL	370		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
Endosulfan sulfate	BRL	370		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
Endrin	BRL	370		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
Endrin aldehyde	BRL	370		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
Endrin ketone	BRL	370		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
gamma-BHC	BRL	190		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
gamma-Chlordane	BRL	190		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
Heptachlor	BRL	190		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
Heptachlor epoxide	BRL	190		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
Methoxychlor	BRL	1900		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
Toxaphene	BRL	19000		ug/Kg-dry	193191	100	7/8/2014 10:21 PM
Surr: Decachlorobiphenyl	230	25.2-120	S	%REC	193191	100	7/8/2014 10:21 PM
Surr: Tetrachloro-m-xylene	188	30.5-120	S	%REC	193191	100	7/8/2014 10:21 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	10.9	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-5-4.5-5.5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 4:13:00 PM

Lab ID: 1407013-056

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.9		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
4,4'-DDE	BRL	3.9		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
4,4'-DDT	BRL	3.9		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
Aldrin	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
alpha-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
beta-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
Chlordane	BRL	39		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
delta-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
Dieldrin	BRL	3.9		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
Endosulfan I	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
Endosulfan II	BRL	3.9		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
Endrin	BRL	3.9		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
Endrin ketone	BRL	3.9		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
gamma-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
Heptachlor	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
Methoxychlor	BRL	20		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
Toxaphene	BRL	200		ug/Kg-dry	193191	1	7/8/2014 11:17 PM
Surr: Decachlorobiphenyl	98.5	25.2-120		%REC	193191	1	7/8/2014 11:17 PM
Surr: Tetrachloro-m-xylene	71.5	30.5-120		%REC	193191	1	7/8/2014 11:17 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	15.6	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-5-10-11'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 4:13:00 PM

Lab ID: 1407013-057

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.7		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
4,4'-DDE	BRL	3.7		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
4,4'-DDT	BRL	3.7		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
Aldrin	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
Chlordane	BRL	37		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
Dieldrin	BRL	3.7		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
Endosulfan II	BRL	3.7		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
Endrin	BRL	3.7		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
Endrin aldehyde	BRL	3.7		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
Endrin ketone	BRL	3.7		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
gamma-BHC	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
Methoxychlor	BRL	19		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
Toxaphene	BRL	190		ug/Kg-dry	193191	1	7/8/2014 11:28 PM
Surr: Decachlorobiphenyl	94.3	25.2-120		%REC	193191	1	7/8/2014 11:28 PM
Surr: Tetrachloro-m-xylene	80.9	30.5-120		%REC	193191	1	7/8/2014 11:28 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	10.2	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-6-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 4:38:00 PM

Lab ID: 1407013-059

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	18	3.9		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
4,4'-DDE	BRL	39		ug/Kg-dry	193191	10	7/8/2014 11:39 PM
4,4'-DDT	180	39		ug/Kg-dry	193477	10	7/14/2014 6:07 PM
Aldrin	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
alpha-BHC	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
beta-BHC	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
Chlordane	2100	390		ug/Kg-dry	193191	10	7/8/2014 11:39 PM
delta-BHC	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
Dieldrin	5.2	3.9		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
Endosulfan I	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
Endosulfan II	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
Endrin	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
Endrin ketone	BRL	3.9		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
gamma-BHC	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
Heptachlor	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
Methoxychlor	BRL	20		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
Toxaphene	BRL	200		ug/Kg-dry	193477	1	7/10/2014 9:24 PM
Surr: Decachlorobiphenyl	71.7	25.2-120		%REC	193477	1	7/10/2014 9:24 PM
Surr: Tetrachloro-m-xylene	72.8	30.5-120		%REC	193477	1	7/10/2014 9:24 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	15.2	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-6-4.5-5.5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 4:36:00 PM

Lab ID: 1407013-060

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
4,4'-DDE	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
4,4'-DDT	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
Aldrin	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
alpha-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
beta-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
Chlordane	BRL	40		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
delta-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
Dieldrin	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
Endosulfan I	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
Endosulfan II	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
Endrin	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
Endrin ketone	BRL	4.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
gamma-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
Heptachlor	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
Methoxychlor	BRL	20		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
Toxaphene	BRL	200		ug/Kg-dry	193191	1	7/8/2014 11:50 PM
Surr: Decachlorobiphenyl	116	25.2-120		%REC	193191	1	7/8/2014 11:50 PM
Surr: Tetrachloro-m-xylene	93.4	30.5-120		%REC	193191	1	7/8/2014 11:50 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	15.9	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-6-10-11'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 4:40:00 PM

Lab ID: 1407013-061

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
4,4'-DDE	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
4,4'-DDT	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
Aldrin	BRL	1.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
alpha-BHC	BRL	1.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
beta-BHC	BRL	1.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
Chlordane	BRL	39		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
delta-BHC	BRL	1.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
Dieldrin	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
Endosulfan I	BRL	1.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
Endosulfan II	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
Endrin	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
Endrin ketone	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
gamma-BHC	BRL	1.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
Heptachlor	BRL	1.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
Methoxychlor	BRL	19		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
Toxaphene	BRL	190		ug/Kg-dry	193191	1	7/9/2014 12:02 AM
Surr: Decachlorobiphenyl	103	25.2-120		%REC	193191	1	7/9/2014 12:02 AM
Surr: Tetrachloro-m-xylene	70.1	30.5-120		%REC	193191	1	7/9/2014 12:02 AM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	14.0	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-3-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 4:56:00 PM

Lab ID: 1407013-063

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
4,4'-DDE	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
4,4'-DDT	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
Aldrin	BRL	4.0		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
alpha-BHC	BRL	4.0		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
alpha-Chlordane	BRL	4.0		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
beta-BHC	BRL	4.0		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
Chlordane	130	79		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
delta-BHC	BRL	4.0		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
Dieldrin	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
Endosulfan I	BRL	4.0		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
Endosulfan II	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
Endosulfan sulfate	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
Endrin	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
Endrin aldehyde	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
Endrin ketone	BRL	7.9		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
gamma-BHC	BRL	4.0		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
gamma-Chlordane	BRL	4.0		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
Heptachlor	BRL	4.0		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
Heptachlor epoxide	BRL	4.0		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
Methoxychlor	BRL	40		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
Toxaphene	BRL	400		ug/Kg-dry	193477	2	7/10/2014 9:47 PM
Surr: Decachlorobiphenyl	67.9	25.2-120		%REC	193477	2	7/10/2014 9:47 PM
Surr: Tetrachloro-m-xylene	70.1	30.5-120		%REC	193477	2	7/10/2014 9:47 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	15.7	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-3-4.5-5.5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 4:56:00 PM

Lab ID: 1407013-064

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
4,4'-DDE	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
4,4'-DDT	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
Aldrin	BRL	2.0		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
alpha-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
beta-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
Chlordane	BRL	39		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
delta-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
Dieldrin	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
Endosulfan I	BRL	2.0		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
Endosulfan II	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
Endrin	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
Endrin ketone	BRL	3.9		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
gamma-BHC	BRL	2.0		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
Heptachlor	BRL	2.0		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
Methoxychlor	BRL	20		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
Toxaphene	BRL	200		ug/Kg-dry	193191	1	7/9/2014 12:24 AM
Surr: Decachlorobiphenyl	123	25.2-120	S	%REC	193191	1	7/9/2014 12:24 AM
Surr: Tetrachloro-m-xylene	95.6	30.5-120		%REC	193191	1	7/9/2014 12:24 AM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	15.7	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-3-10-11'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 5:00:00 PM

Lab ID: 1407013-065

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
4,4'-DDE	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
4,4'-DDT	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
Aldrin	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
alpha-BHC	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
beta-BHC	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
Chlordane	BRL	38		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
delta-BHC	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
Dieldrin	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
Endosulfan I	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
Endosulfan II	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
Endrin	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
Endrin ketone	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
gamma-BHC	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
Heptachlor	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
Methoxychlor	BRL	19		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
Toxaphene	BRL	190		ug/Kg-dry	193192	1	7/9/2014 12:35 AM
Surr: Decachlorobiphenyl	107	25.2-120		%REC	193192	1	7/9/2014 12:35 AM
Surr: Tetrachloro-m-xylene	78.9	30.5-120		%REC	193192	1	7/9/2014 12:35 AM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	12.6	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-4-0-2'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 5:18:00 PM

Lab ID: 1407013-067

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	7.8		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
4,4'-DDE	BRL	7.8		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
4,4'-DDT	BRL	7.8		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
Aldrin	BRL	3.9		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
alpha-BHC	BRL	3.9		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
alpha-Chlordane	BRL	3.9		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
beta-BHC	BRL	3.9		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
Chlordane	400	78		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
delta-BHC	BRL	3.9		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
Dieldrin	BRL	7.8		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
Endosulfan I	BRL	3.9		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
Endosulfan II	BRL	7.8		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
Endosulfan sulfate	BRL	7.8		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
Endrin	BRL	7.8		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
Endrin aldehyde	BRL	7.8		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
Endrin ketone	BRL	7.8		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
gamma-BHC	BRL	3.9		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
gamma-Chlordane	BRL	3.9		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
Heptachlor	BRL	3.9		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
Heptachlor epoxide	BRL	3.9		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
Methoxychlor	BRL	39		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
Toxaphene	BRL	390		ug/Kg-dry	193192	2	7/10/2014 9:58 PM
Surr: Decachlorobiphenyl	78.5	25.2-120		%REC	193192	2	7/10/2014 9:58 PM
Surr: Tetrachloro-m-xylene	78.3	30.5-120		%REC	193192	2	7/10/2014 9:58 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	14.5	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-4-4.5-5.5'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 5:18:00 PM

Lab ID: 1407013-068

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.9		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
4,4'-DDE	BRL	3.9		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
4,4'-DDT	BRL	3.9		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
Aldrin	BRL	2.0		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
alpha-BHC	BRL	2.0		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
beta-BHC	BRL	2.0		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
Chlordane	BRL	39		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
delta-BHC	BRL	2.0		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
Dieldrin	BRL	3.9		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
Endosulfan I	BRL	2.0		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
Endosulfan II	BRL	3.9		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
Endrin	BRL	3.9		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
Endrin ketone	BRL	3.9		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
gamma-BHC	BRL	2.0		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
Heptachlor	BRL	2.0		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
Methoxychlor	BRL	20		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
Toxaphene	BRL	200		ug/Kg-dry	193192	1	7/9/2014 12:57 AM
Surr: Decachlorobiphenyl	120	25.2-120	S	%REC	193192	1	7/9/2014 12:57 AM
Surr: Tetrachloro-m-xylene	96.4	30.5-120		%REC	193192	1	7/9/2014 12:57 AM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	15.3	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 17-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-4-10-11'

Project: Brookhaven--DPW

Collection Date: 6/30/2014 5:23:00 PM

Lab ID: 1407013-069

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: RS	
4,4'-DDD	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
4,4'-DDE	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
4,4'-DDT	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
Aldrin	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
alpha-BHC	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
beta-BHC	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
Chlordane	BRL	38		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
delta-BHC	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
Dieldrin	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
Endosulfan I	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
Endosulfan II	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
Endrin	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
Endrin ketone	BRL	3.8		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
gamma-BHC	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
Heptachlor	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
Methoxychlor	BRL	19		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
Toxaphene	BRL	190		ug/Kg-dry	193192	1	7/9/2014 1:08 AM
Surr: Decachlorobiphenyl	117	25.2-120		%REC	193192	1	7/9/2014 1:08 AM
Surr: Tetrachloro-m-xylene	73.7	30.5-120		%REC	193192	1	7/9/2014 1:08 AM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	12.8	0		wt%		1	7/8/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

August 06, 2014

Kristen Rivera
EarthCon Consultants, Inc.
1880 West Oak Parkway
Marietta GA 30062

TEL: (770) 973-2100
FAX: (770) 973-7395

RE: Brookhaven

Dear Kristen Rivera:

Order No: 1407116

Analytical Environmental Services, Inc. received 60 samples on 7/2/2014 7:43:00 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.

Chantelle Kanhai
Project Manager



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: **1407116**

Date: **7/1/14** Page **1** of **6**

#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)		ANALYSIS REQUESTED	REMARKS	No # of Containers	
		DATE	TIME			NA	NA				
1	SB-01-6-2'	7/1/14	0853	X	X	SO	SO				
2	SB-01-4.5-5.5'		0855	X	X	SO	SO				
3	SB-01-10-11'		0857	X	X	SO	SO				
4	SB-01-11-12'		0857								
5	SB-09-0-2'		0911								
6	SB-09-4.5-5.5'		0912								
7	SB-09-10-11'		0915								
8	SB-08-0-2'		0928								
9	SB-08-4.5-5.5'		0929								
10	SB-08-10-11'		0933								
11	SB-11-0-2'		0945								
12	SB-11-4.5-5.5'		0947								
13	SB-11-10-11'		0950								
14	SB-07-0-2'		1005								
RELINQUISHED BY: Kristen Rivera		DATE/TIME: 7/2/14	RECEIVED BY: 1: <i>[Signature]</i>	DATE/TIME: 7/2/14 7:43							
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD: OUT / / VIA: / / VIA: / / CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER:									

COMPANY: **EMERTHCORP**
 ADDRESS: **1880 W. Oak Pkwy Bldg 100, Suite 100 Marietta, GA 30062**
 PHONE: **7-973-2100** FAX: **7-973-7395**
 SAMPLED BY: **Kristen Rivera** SIGNATURE: *[Signature]* **Kristen Rivera**

PROJECT NAME: **BLOOM HAVEN**
 PROJECT #: **02.20140272**
 SITE ADDRESS: **2600 Apple Valley Rd Atlanta, GA 30319**
 SEND REPORT TO: **Kristen Rivera**
 INVOICE TO: **(IF DIFFERENT FROM ABOVE)**
 QUOTE #: _____

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

TURNAROUND TIME REQUEST: **Standard 5 Business Days**
 Standard 5 Business Days
 2 Business Day Rush
 Next Business Day Rush
 Same Day Rush (auth req.)
 Other

TOTAL # OF CONTAINERS: _____

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

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COMPANY: EARTH CON		ADDRESS: 1880 W. Oak Pkwy Bldg 100, Ste 100 Marietta, GA 30062		ANALYSIS REQUESTED		REMARKS		Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers	
PHONE: 7-973-2100		SIGNATURE: <i>Kristen Rivera</i>		PROJECT NAME: 3600 KHAVEN		RECEIPT					
SAMPLED BY: Kristen Rivera		SAMPLED:		PROJECT INFORMATION		Total # of Containers					
#	SAMPLE ID	DATE		Time	Matrix (See codes)	Composite	Grab	NA	NA	PRESERVATION (See codes)	REMARKS
		DATE	TIME								
1	SB-07-4.5-5.5'	7/1/14	1007		SO	X		X			
2	SB-07-10-11'		1010					X			
3	SB-02-0-2'		1025					X			
4	SB-02-4.5-5.5'		1023					X			
5	SB-02-10-11'		1020					X			
6	SB-12-0-2'		1041					X			
7	SB-12-4.5-5.5'		1045					X			
8	SB-12-10-11'		1045					X			
9	SB-26-0-2'		1138					X			
10	SB-26-4.5-5.5'		1146					X			
11	SB-26-14-15'		1149					X			
12	SB-18-0-2'		1302					X			
13	SB-18-4.5-5.5'		1308					X			
14	SB-18-9.5-10.5'		1308					X			
RELINQUISHED BY: Kristen Rivera 7/2/14		RECEIVED BY:		DATE/TIME:							
1: Kristen Rivera 7/2/14		1: _____		DATE/TIME: _____							
2: _____		2: _____		DATE/TIME: _____							
3: _____		3: _____		DATE/TIME: _____							
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		INVOICE TO:							
		OUT / / VIA:		(IF DIFFERENT FROM ABOVE)							
		IN / / VIA:		CLIENT FedEx UPS MAIL COURIER							
		GREYHOUND OTHER:		PO#:							
		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+1 = 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

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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: **1407110**

Date: **7/14** Page **3** of **6**

#	SAMPLE ID	SAMPLED BY: <u>Kristen Rivera</u>		DATE	TIME	Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED	REMARKS	No # of Containers
		DATE	TIME								
1	SB-18-13-14'	7/14	1313		X	SO			TL Post	Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.	
2	SB-18-14-15'		1313						TL Post		
3	SB-25-1-2'		1329						TL Post		
4	SB-25-9.5-10.5'		1336						TL Post		
5	SB-25-11-12'		1336						TL Post		
6	B-2-1-3'		1348						TL Post		
7	B-2-5-6'		1352						TL Post		
8	B-2-10-11'		1354						TL Post		
9	B-2-11-12'		1354						TL Post		
10	SB-28-0-2'		1408						TL Post		
11	SB-28-4-5'		1410						TL Post		
12	SB-28-6-7'		1413						TL Post		
13	SB-29-0-2'		1443						TL Post		
14	SB-29-4.5-5.5'		1445						TL Post		

ADDRESS: 1880 W. Oak Pkwy Bldg 100, Pk 104 Marietta, GA 30062
 SIGNATURE: Kristen Rivera
 PROJECT NAME: SPROCKHAREN
 PROJECT #: 02-2014-0272
 SITE ADDRESS: 2600 Apple Valley Rd Atlanta, GA 30319
 SEND REPORT TO: Kristen Rivera
 INVOICE TO: (IF DIFFERENT FROM ABOVE)
 QUOTE #: _____
 STATE PROGRAM (if any): _____
 E-mail? Y/N: _____ Fax? Y/N: _____
 DATA PACKAGE: I II III IV
 Turnaround Time Request: Standard 5 Business Days 2 Business Day Rush Next Business Day Rush Same Day Rush (auth req.) Other

RELINQUISHED BY: Kristen Rivera DATE/TIME: 7/2/14 RECEIVED BY: _____ DATE/TIME: _____
 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) 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/AM+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None
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ANALYTICAL ENVIRONMENTAL SERVICES, INC
 3080 Presidential Drive, Atlanta GA 30340-3704
 A.E.S. TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: **1407166**

Date: **7/14** Page **4** of **6**

#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	REMARKS	No # of Containers
		DATE	TIME						
1	SB-29-6-7'	7/14	1445		X	SO			
2	SB-29-9-16'		1448						
3	SB-37-0-2'		1502						
4	SB-37-2-3'		1502						
5	SB-37-4.5-5.5'		1510						
6	SB-37-9.5-10.5'		1512						
7	SB-38-1-3'		1530						
8	SB-38-5-6'		1532						
9	SB-38-9-10'		1534						
10	SB-57-0-2'		1550						
11	SB-57-4.5-5.5'		1551						
12	SB-57-9-10'		1556						
13	SB-57-16-11'		1556						
14	SB-30-0-2'		1628						

RELINQUISHED BY: Kristen Rivera	DATE/TIME: 7/12/19	RECEIVED BY: Alfred Smith	DATE/TIME: 7/14 7:43
PROJECT NAME: BLOOMHAVEN			
PROJECT #: 02020140272			
SITE ADDRESS: 2600 Apple Valley Rd Atlanta GA 30329			
SEND REPORT TO: Kristen Rivera			
INVOICE TO: (IF DIFFERENT FROM ABOVE)			
QUOTE #:			
PO#:			

ANALYSIS REQUESTED	PROJECT INFORMATION
TLL PEST TLL PEST NA NA X X X X X X X X X X	Total # of Containers Turnaround Time Request Standard 5 Business Days 2 Business Day Rush Next Business Day Rush Same Day Rush (auth req) Other O O O O O STATE PROGRAM (if any): E-mail? Y/N: Fax? Y/N DATA PACKAGE: I II III IV

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

SPECIAL INSTRUCTIONS/COMMENTS: **Page 5 of 74**

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.

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COMPANY: **Earthcon**

ADDRESS: **1880 W. Oak Pkwy Bldg 100, Ste 106 Marietta GA 30062**

PHONE: **7-973-2100**

SAMPLED BY: **Kristen Rivera** SIGNATURE: *Kristen Rivera*

#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED		REMARKS	No # of Containers
		DATE	TIME				PRESERVATION (See codes)			
1	SB-30-4.5-5.5'	7/1/14	16:28	1631	X	SO	NA			
2	SB-30-9-10'		16:31	1632			X			
3	SB-34-0-2'		16:32	1642			X			
4	SB-34-4.5-5.5'		16:42	1643			X			
5	SB-34-9-10'		16:43	1645			X			
6	SB-40-0-2'		16:45	1658			X			
7	SB-40-4.5-5.5'		16:58	1659			X			
8	SB-40-9-10'		17:00				X			
9	SB-44-0-2'		17:05				X			
10	SB-44-4.5-5.5'		17:17				X			
11	SB-44-9-10'		17:20				X			
12	B-1-0-2'		17:30				X			
13	R-1-4.5-5.5'		17:33				X			
14	B-1-9-10'		17:35				X			

RELINQUISHED BY: **Kristen Rivera** 7/1/14 RECEIVED BY: **[Signature]** 7/1/14

PROJECT NAME: **BROOKHAREN**

PROJECT #: **02-20140272**

SITE ADDRESS: **2400 Apple Valley Rd Atlanta GA 30319**

SEND REPORT TO: **Kristen Rivera**

INVOICE TO: **[Signature]**

SHIPMENT METHOD: **[Signature]** 7/1/14 7:43

SHIPPING METHOD: **[Signature]** 7/1/14 7:43

CLIENT: **[Signature]** UPS MAIL COURIER

GREYHOUND OTHER: **[Signature]**

SPECIAL INSTRUCTIONS/COMMENTS: **Page 6 of 74**

STATE PROGRAM (if any): **[Signature]**

E-mail? Y/N: **[Signature]** Fax? Y/N: **[Signature]**

DATA PACKAGE: **I II III IV**

QUOTE #: **[Signature]**

TURNAROUND TIME REQUEST: **[Signature]**

Standard 5 Business Days: **[Signature]**

2 Business Day Rush: **[Signature]**

Next Business Day Rush: **[Signature]**

Same Day Rush (auth req.): **[Signature]**

Other: **[Signature]**

Total # of Containers: **[Signature]**

RECEIPT: **[Signature]**

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 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: **1407116**

Date: **7/1/14** Page **6** of **6**

#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED				REMARKS	No # of Containers	
		DATE	TIME				PRESERVATION (See codes)	PERMITS	TESTS	OTHER			
1	SB-45-0-2'	7/1/14	1745	X	X	SO	NA						Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.
2	SB-45-4.5-5.5'		1747				X						
3	SB-45-9-10'		1749				X						
4	SB-39-3-5'		1603				X						
5	SB-39-5-6'		1605				X						
6	SB-39-9-10'		1608				X						
7	SB-35-0-2'		1820				X						
8	SB-35-4.5-5.5'		1826				X						
9	SB-35-9-10'		1830				X						
10	SB-16-0-2'		1848				X						
11	SB-16-4.5-5.5'		1852				X						
12	SB-16-9.5-10.5'		1854				X						
13	SB-16-14-15'		1856				X						
14	RINSE 001		1127				X						

ADDRESS:
 1880 W. Cobb Pkwy
 Bldg 100, Ste 100
 Marietta, GA 30062
 FAX:
 SIGNATURE: *Krista Rivera*

COMPANY: **EARTHCON**
 PHONE: **7-973-2100**
 SAMPLED BY: *Krista Rivera*

RECEIVED BY: *Krista Rivera* DATE/TIME: **7/2/14**
 RECEIVED BY: *Matthew* DATE/TIME: **7/2/14 7:43**
 PROJECT NAME: **BROOKHAVEN**
 PROJECT #: **0220140272**
 SITE ADDRESS: **2000 Apple Valley Rd
 Atlanta, GA 30319**
 SEND REPORT TO: **Krista Rivera**
 INVOICE TO: **(IF DIFFERENT FROM ABOVE)**
 SHIPMENT METHOD: **OUT / / VIA: / / VIA: / /**
 CLIENT: **FedEx UPS MAIL COURIER**
 GREYHOUND OTHER: _____

SPECIAL INSTRUCTIONS/COMMENTS:
 Page 7 of 74
 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.
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STATE PROGRAM (if any): _____
 E-mail? Y/N: _____ Fax? Y/N: _____
 DATA PACKAGE: I II III IV
 QUOTE #: _____ PO#: _____
 Total # of Containers
 Turnaround Time Request
 Standard 5 Business Days
 2 Business Day Rush
 Next Business Day Rush
 Same Day Rush (auth req.)
 Other
 White Copy - Original, Yellow Copy - Client

Client: EarthCon Consultants, Inc.
Project: Brookhaven
Lab ID: 1407116

Case Narrative

Pesticides Analysis by Method 8081B:

Due to sample matrix, samples 1704116-017, 023, -038, -041, -045, -046, -049, -052, -068, -069 and -080 required dilution during analysis resulting in elevated reporting limits.

Endrin is reported biased low due to low recoveries in the closing CCVs. These low recoveries in the closing CCVs are suspected to be due to interference from the matrix of the samples.

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-01-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 8:53:00 AM
Lab ID: 1407116-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
4,4'-DDE	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
4,4'-DDT	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
Aldrin	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
alpha-BHC	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
alpha-Chlordane	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
beta-BHC	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
Chlordane	BRL	37		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
delta-BHC	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
Dieldrin	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
Endosulfan I	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
Endosulfan II	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
Endrin	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
Endrin aldehyde	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
Endrin ketone	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
gamma-BHC	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
gamma-Chlordane	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
Heptachlor	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
Heptachlor epoxide	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
Methoxychlor	BRL	18		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
Toxaphene	BRL	180		ug/Kg-dry	193192	1	07/09/2014 17:30	RS
Surr: Decachlorobiphenyl	86	25.2-120		%REC	193192	1	07/09/2014 17:30	RS
Surr: Tetrachloro-m-xylene	77.4	30.5-120		%REC	193192	1	07/09/2014 17:30	RS
PERCENT MOISTURE D2216								
Percent Moisture	9.26	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-01-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 8:55:00 AM
Lab ID: 1407116-002	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
4,4'-DDE	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
4,4'-DDT	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
Aldrin	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
Chlordane	BRL	39		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
Dieldrin	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
Endrin	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
Methoxychlor	BRL	20		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
Toxaphene	BRL	200		ug/Kg-dry	193192	1	07/09/2014 17:41	RS
Surr: Decachlorobiphenyl	86.5	25.2-120		%REC	193192	1	07/09/2014 17:41	RS
Surr: Tetrachloro-m-xylene	80.1	30.5-120		%REC	193192	1	07/09/2014 17:41	RS
PERCENT MOISTURE D2216								
Percent Moisture	15.4	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-09-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 9:11:00 AM
Lab ID: 1407116-005	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	7.4	3.7		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
4,4'-DDE	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
4,4'-DDT	5.5	3.7		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
Aldrin	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
alpha-BHC	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
alpha-Chlordane	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
beta-BHC	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
Chlordane	BRL	37		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
delta-BHC	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
Dieldrin	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
Endosulfan I	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
Endosulfan II	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
Endrin	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
Endrin aldehyde	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
Endrin ketone	BRL	3.7		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
gamma-BHC	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
gamma-Chlordane	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
Heptachlor	BRL	1.8		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
Heptachlor epoxide	2.4	1.8		ug/Kg-dry	193192	1	07/14/2014 18:18	KD
Methoxychlor	BRL	18		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
Toxaphene	BRL	180		ug/Kg-dry	193192	1	07/09/2014 17:55	RS
Surr: Decachlorobiphenyl	76.2	25.2-120		%REC	193192	1	07/09/2014 17:55	RS
Surr: Tetrachloro-m-xylene	72.6	30.5-120		%REC	193192	1	07/09/2014 17:55	RS
PERCENT MOISTURE D2216								
Percent Moisture	9.72	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-09-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 9:12:00 AM
Lab ID: 1407116-006	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.5		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
4,4'-DDE	BRL	4.5		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
4,4'-DDT	BRL	4.5		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
Aldrin	BRL	2.2		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
alpha-BHC	BRL	2.2		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
alpha-Chlordane	BRL	2.2		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
beta-BHC	BRL	2.2		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
Chlordane	BRL	45		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
delta-BHC	BRL	2.2		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
Dieldrin	BRL	4.5		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
Endosulfan I	BRL	2.2		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
Endosulfan II	BRL	4.5		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
Endosulfan sulfate	BRL	4.5		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
Endrin	BRL	4.5		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
Endrin aldehyde	BRL	4.5		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
Endrin ketone	BRL	4.5		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
gamma-BHC	BRL	2.2		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
gamma-Chlordane	BRL	2.2		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
Heptachlor	BRL	2.2		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
Heptachlor epoxide	BRL	2.2		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
Methoxychlor	BRL	22		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
Toxaphene	BRL	220		ug/Kg-dry	193192	1	07/09/2014 18:06	RS
Surr: Decachlorobiphenyl	91.3	25.2-120		%REC	193192	1	07/09/2014 18:06	RS
Surr: Tetrachloro-m-xylene	76.3	30.5-120		%REC	193192	1	07/09/2014 18:06	RS
PERCENT MOISTURE D2216								
Percent Moisture	25.8	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-08-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 9:28:00 AM
Lab ID: 1407116-008	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.2		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
4,4'-DDE	BRL	4.2		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
4,4'-DDT	BRL	4.2		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
Aldrin	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
alpha-BHC	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
alpha-Chlordane	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
beta-BHC	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
Chlordane	BRL	42		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
delta-BHC	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
Dieldrin	BRL	4.2		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
Endosulfan I	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
Endosulfan II	BRL	4.2		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
Endosulfan sulfate	BRL	4.2		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
Endrin	BRL	4.2		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
Endrin aldehyde	BRL	4.2		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
Endrin ketone	BRL	4.2		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
gamma-BHC	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
gamma-Chlordane	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
Heptachlor	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
Heptachlor epoxide	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
Methoxychlor	BRL	21		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
Toxaphene	BRL	210		ug/Kg-dry	193192	1	07/09/2014 18:17	RS
Surr: Decachlorobiphenyl	95.3	25.2-120		%REC	193192	1	07/09/2014 18:17	RS
Surr: Tetrachloro-m-xylene	81.3	30.5-120		%REC	193192	1	07/09/2014 18:17	RS
PERCENT MOISTURE D2216								
Percent Moisture	21.3	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-08-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 9:29:00 AM
Lab ID: 1407116-009	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
4,4'-DDE	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
4,4'-DDT	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
Aldrin	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
Chlordane	BRL	40		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
Dieldrin	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
Endosulfan II	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
Endrin	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
Endrin ketone	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
Methoxychlor	BRL	20		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
Toxaphene	BRL	200		ug/Kg-dry	193192	1	07/09/2014 18:28	RS
Surr: Decachlorobiphenyl	97.4	25.2-120		%REC	193192	1	07/09/2014 18:28	RS
Surr: Tetrachloro-m-xylene	88.5	30.5-120		%REC	193192	1	07/09/2014 18:28	RS
PERCENT MOISTURE D2216								
Percent Moisture	16.6	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-11-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 9:45:00 AM
Lab ID: 1407116-011	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.8		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
4,4'-DDE	28	3.8		ug/Kg-dry	193192	1	07/14/2014 18:29	KD
4,4'-DDT	20	3.8		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
Aldrin	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
beta-BHC	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
Chlordane	130	38		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
delta-BHC	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
Dieldrin	BRL	3.8		ug/Kg-dry	193192	1	07/14/2014 18:29	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
Endosulfan II	BRL	3.8		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
Endrin	BRL	3.8		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
Endrin ketone	BRL	3.8		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
Heptachlor	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
Heptachlor epoxide	12	1.9		ug/Kg-dry	193192	1	07/14/2014 18:29	KD
Methoxychlor	BRL	19		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
Toxaphene	BRL	190		ug/Kg-dry	193192	1	07/09/2014 18:39	RS
Surr: Decachlorobiphenyl	87.5	25.2-120		%REC	193192	1	07/09/2014 18:39	RS
Surr: Tetrachloro-m-xylene	75.1	30.5-120		%REC	193192	1	07/09/2014 18:39	RS
PERCENT MOISTURE D2216								
Percent Moisture	11.4	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-11-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 9:47:00 AM
Lab ID: 1407116-012	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
4,4'-DDE	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
4,4'-DDT	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
Aldrin	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
Chlordane	BRL	39		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
Dieldrin	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
Endrin	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
Methoxychlor	BRL	20		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
Toxaphene	BRL	200		ug/Kg-dry	193192	1	07/09/2014 18:50	RS
Surr: Decachlorobiphenyl	93.5	25.2-120		%REC	193192	1	07/09/2014 18:50	RS
Surr: Tetrachloro-m-xylene	83.3	30.5-120		%REC	193192	1	07/09/2014 18:50	RS
PERCENT MOISTURE D2216								
Percent Moisture	14.7	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-07-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 10:05:00 AM
Lab ID: 1407116-014	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
4,4'-DDE	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
4,4'-DDT	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
Aldrin	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
Chlordane	BRL	39		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
Dieldrin	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
Endrin	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
Methoxychlor	BRL	20		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
Toxaphene	BRL	200		ug/Kg-dry	193192	1	07/09/2014 19:01	RS
Surr: Decachlorobiphenyl	110	25.2-120		%REC	193192	1	07/09/2014 19:01	RS
Surr: Tetrachloro-m-xylene	83.2	30.5-120		%REC	193192	1	07/09/2014 19:01	RS
PERCENT MOISTURE D2216								
Percent Moisture	15.0	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-07-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 10:07:00 AM
Lab ID: 1407116-015	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
4,4'-DDE	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
4,4'-DDT	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
Aldrin	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
Chlordane	BRL	40		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
Dieldrin	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
Endosulfan II	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
Endrin	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
Endrin ketone	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
Methoxychlor	BRL	20		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
Toxaphene	BRL	200		ug/Kg-dry	193192	1	07/09/2014 19:12	RS
Surr: Decachlorobiphenyl	80.1	25.2-120		%REC	193192	1	07/09/2014 19:12	RS
Surr: Tetrachloro-m-xylene	72.8	30.5-120		%REC	193192	1	07/09/2014 19:12	RS
PERCENT MOISTURE D2216								
Percent Moisture	17.6	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-02-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 10:25:00 AM
Lab ID: 1407116-017	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
4,4'-DDE	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
4,4'-DDT	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
Aldrin	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
alpha-BHC	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
alpha-Chlordane	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
beta-BHC	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
Chlordane	BRL	41		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
delta-BHC	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
Dieldrin	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
Endosulfan I	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
Endosulfan II	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
Endosulfan sulfate	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
Endrin	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
Endrin aldehyde	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
Endrin ketone	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
gamma-BHC	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
gamma-Chlordane	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
Heptachlor	BRL	2.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
Heptachlor epoxide	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
Methoxychlor	BRL	21		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
Toxaphene	BRL	210		ug/Kg-dry	193192	1	07/09/2014 19:23	RS
Surr: Decachlorobiphenyl	94.7	25.2-120		%REC	193192	1	07/09/2014 19:23	RS
Surr: Tetrachloro-m-xylene	79.9	30.5-120		%REC	193192	1	07/09/2014 19:23	RS
PERCENT MOISTURE D2216								
Percent Moisture	18.7	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-02-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 10:23:00 AM
Lab ID: 1407116-018	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
4,4'-DDE	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
4,4'-DDT	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
Aldrin	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
Chlordane	BRL	41		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
Dieldrin	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
Endosulfan II	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
Endosulfan sulfate	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
Endrin	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
Endrin aldehyde	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
Endrin ketone	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
Methoxychlor	BRL	20		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
Toxaphene	BRL	200		ug/Kg-dry	193192	1	07/09/2014 19:35	RS
Surr: Decachlorobiphenyl	75.4	25.2-120		%REC	193192	1	07/09/2014 19:35	RS
Surr: Tetrachloro-m-xylene	68	30.5-120		%REC	193192	1	07/09/2014 19:35	RS
PERCENT MOISTURE D2216								
Percent Moisture	18.0	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-12-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 10:41:00 AM
Lab ID: 1407116-020	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.8		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
4,4'-DDE	BRL	3.8		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
4,4'-DDT	BRL	3.8		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
Aldrin	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
beta-BHC	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
Chlordane	94	38		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
delta-BHC	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
Dieldrin	BRL	3.8		ug/Kg-dry	193192	1	07/14/2014 18:40	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
Endosulfan II	BRL	3.8		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
Endrin	BRL	3.8		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
Endrin ketone	BRL	3.8		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
Heptachlor	BRL	1.9		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193192	1	07/14/2014 18:40	KD
Methoxychlor	BRL	19		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
Toxaphene	BRL	190		ug/Kg-dry	193192	1	07/09/2014 19:46	RS
Surr: Decachlorobiphenyl	100	25.2-120		%REC	193192	1	07/09/2014 19:46	RS
Surr: Tetrachloro-m-xylene	74.7	30.5-120		%REC	193192	1	07/09/2014 19:46	RS
PERCENT MOISTURE D2216								
Percent Moisture	13.3	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-12-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 10:45:00 AM
Lab ID: 1407116-021	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
4,4'-DDE	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
4,4'-DDT	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
Aldrin	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
Chlordane	BRL	41		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
Dieldrin	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
Endosulfan II	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
Endosulfan sulfate	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
Endrin	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
Endrin aldehyde	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
Endrin ketone	BRL	4.1		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
Methoxychlor	BRL	20		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
Toxaphene	BRL	200		ug/Kg-dry	193192	1	07/09/2014 19:57	RS
Surr: Decachlorobiphenyl	94.3	25.2-120		%REC	193192	1	07/09/2014 19:57	RS
Surr: Tetrachloro-m-xylene	76.9	30.5-120		%REC	193192	1	07/09/2014 19:57	RS
PERCENT MOISTURE D2216								
Percent Moisture	18.1	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-26-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 11:38:00 AM
Lab ID: 1407116-023	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	180		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
4,4'-DDE	BRL	180		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
4,4'-DDT	220	180		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
Aldrin	BRL	92		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
alpha-BHC	BRL	92		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
alpha-Chlordane	BRL	92		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
beta-BHC	BRL	92		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
Chlordane	6400	1800		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
delta-BHC	BRL	92		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
Dieldrin	330	180		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
Endosulfan I	BRL	92		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
Endosulfan II	BRL	180		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
Endosulfan sulfate	BRL	180		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
Endrin	BRL	180		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
Endrin aldehyde	BRL	180		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
Endrin ketone	BRL	180		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
gamma-BHC	BRL	92		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
gamma-Chlordane	BRL	92		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
Heptachlor	BRL	92		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
Heptachlor epoxide	460	92		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
Methoxychlor	BRL	920		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
Toxaphene	BRL	9200		ug/Kg-dry	193192	50	07/17/2014 13:15	RS
Surr: Decachlorobiphenyl	130	25.2-120	S	%REC	193192	50	07/17/2014 13:15	RS
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193192	50	07/17/2014 13:15	RS
PERCENT MOISTURE D2216								
Percent Moisture	9.66	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-26-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 11:46:00 AM
Lab ID: 1407116-024	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
4,4'-DDE	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
4,4'-DDT	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
Aldrin	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
Chlordane	BRL	40		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
Dieldrin	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
Endosulfan II	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
Endrin	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
Endrin ketone	BRL	4.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
Methoxychlor	BRL	20		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
Toxaphene	BRL	200		ug/Kg-dry	193192	1	07/09/2014 20:08	RS
Surr: Decachlorobiphenyl	93.6	25.2-120		%REC	193192	1	07/09/2014 20:08	RS
Surr: Tetrachloro-m-xylene	83.4	30.5-120		%REC	193192	1	07/09/2014 20:08	RS
PERCENT MOISTURE D2216								
Percent Moisture	17.6	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-18-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 1:02:00 PM
Lab ID: 1407116-026	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
4,4'-DDE	BRL	3.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
4,4'-DDT	BRL	3.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
Aldrin	BRL	1.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
beta-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
Chlordane	230	39		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
delta-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
Dieldrin	29	3.9		ug/Kg-dry	193262	1	07/14/2014 18:52	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
Endrin	BRL	3.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
Heptachlor	BRL	1.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
Methoxychlor	BRL	19		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
Toxaphene	BRL	190		ug/Kg-dry	193262	1	07/09/2014 21:03	RS
Surr: Decachlorobiphenyl	90.5	25.2-120		%REC	193262	1	07/09/2014 21:03	RS
Surr: Tetrachloro-m-xylene	78.7	30.5-120		%REC	193262	1	07/09/2014 21:03	RS
PERCENT MOISTURE D2216								
Percent Moisture	14.1	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-18-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 1:08:00 PM
Lab ID: 1407116-027	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.8		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
4,4'-DDE	BRL	3.8		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
4,4'-DDT	BRL	3.8		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
Aldrin	BRL	1.9		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
beta-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
Chlordane	BRL	38		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
delta-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
Dieldrin	BRL	3.8		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
Endosulfan I	BRL	1.9		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
Endosulfan II	BRL	3.8		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
Endrin	BRL	3.8		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
Endrin ketone	BRL	3.8		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
Heptachlor	BRL	1.9		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
Methoxychlor	BRL	19		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
Toxaphene	BRL	190		ug/Kg-dry	193262	1	07/10/2014 22:09	RS
Surr: Decachlorobiphenyl	69.1	25.2-120		%REC	193262	1	07/10/2014 22:09	RS
Surr: Tetrachloro-m-xylene	70.9	30.5-120		%REC	193262	1	07/10/2014 22:09	RS
PERCENT MOISTURE D2216								
Percent Moisture	12.6	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-18-9.5-10.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 1:08:00 PM
Lab ID: 1407116-028	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
4,4'-DDE	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
4,4'-DDT	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
Aldrin	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
alpha-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
alpha-Chlordane	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
beta-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
Chlordane	BRL	41		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
delta-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
Dieldrin	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
Endosulfan I	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
Endosulfan II	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
Endosulfan sulfate	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
Endrin	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
Endrin aldehyde	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
Endrin ketone	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
gamma-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
gamma-Chlordane	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
Heptachlor	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
Heptachlor epoxide	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
Methoxychlor	BRL	21		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
Toxaphene	BRL	210		ug/Kg-dry	193262	1	07/10/2014 22:20	RS
Surr: Decachlorobiphenyl	75.8	25.2-120		%REC	193262	1	07/10/2014 22:20	RS
Surr: Tetrachloro-m-xylene	78.6	30.5-120		%REC	193262	1	07/10/2014 22:20	RS
PERCENT MOISTURE D2216								
Percent Moisture	19.2	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-18-13-14'
Project Name: Brookhaven	Collection Date: 7/1/2014 1:13:00 PM
Lab ID: 1407116-029	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
4,4'-DDE	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
4,4'-DDT	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
Aldrin	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
alpha-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
alpha-Chlordane	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
beta-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
Chlordane	BRL	42		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
delta-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
Dieldrin	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
Endosulfan I	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
Endosulfan II	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
Endosulfan sulfate	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
Endrin	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
Endrin aldehyde	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
Endrin ketone	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
gamma-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
gamma-Chlordane	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
Heptachlor	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
Heptachlor epoxide	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
Methoxychlor	BRL	21		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
Toxaphene	BRL	210		ug/Kg-dry	193262	1	07/10/2014 22:31	RS
Surr: Decachlorobiphenyl	82.7	25.2-120		%REC	193262	1	07/10/2014 22:31	RS
Surr: Tetrachloro-m-xylene	81.9	30.5-120		%REC	193262	1	07/10/2014 22:31	RS
PERCENT MOISTURE D2216								
Percent Moisture	20.0	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-18-14-15'
Project Name: Brookhaven	Collection Date: 7/1/2014 1:13:00 PM
Lab ID: 1407116-030	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
4,4'-DDE	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
4,4'-DDT	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
Aldrin	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
alpha-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
alpha-Chlordane	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
beta-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
Chlordane	BRL	42		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
delta-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
Dieldrin	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
Endosulfan I	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
Endosulfan II	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
Endosulfan sulfate	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
Endrin	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
Endrin aldehyde	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
Endrin ketone	BRL	4.2		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
gamma-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
gamma-Chlordane	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
Heptachlor	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
Heptachlor epoxide	BRL	2.1		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
Methoxychlor	BRL	21		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
Toxaphene	BRL	210		ug/Kg-dry	193262	1	07/10/2014 23:27	RS
Surr: Decachlorobiphenyl	75.6	25.2-120		%REC	193262	1	07/10/2014 23:27	RS
Surr: Tetrachloro-m-xylene	74	30.5-120		%REC	193262	1	07/10/2014 23:27	RS
PERCENT MOISTURE D2216								
Percent Moisture	20.1	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-25-1-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 1:29:00 PM
Lab ID: 1407116-031	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
4,4'-DDE	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
4,4'-DDT	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
Aldrin	5.2	2.0		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
Chlordane	330	41		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
Dieldrin	16	4.1		ug/Kg-dry	193262	1	07/14/2014 19:03	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
Endosulfan II	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
Endosulfan sulfate	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
Endrin	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
Endrin aldehyde	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
Endrin ketone	BRL	4.1		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
Methoxychlor	BRL	20		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
Toxaphene	BRL	200		ug/Kg-dry	193262	1	07/10/2014 23:38	RS
Surr: Decachlorobiphenyl	83.7	25.2-120		%REC	193262	1	07/10/2014 23:38	RS
Surr: Tetrachloro-m-xylene	79.5	30.5-120		%REC	193262	1	07/10/2014 23:38	RS
PERCENT MOISTURE D2216								
Percent Moisture	18.1	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-25-9.5-10.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 1:36:00 PM
Lab ID: 1407116-032	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
4,4'-DDE	BRL	4.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
4,4'-DDT	BRL	4.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
Aldrin	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
Chlordane	BRL	40		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
Dieldrin	7.0	4.0		ug/Kg-dry	193262	1	07/14/2014 19:14	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
Endosulfan II	BRL	4.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
Endrin	BRL	4.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
Endrin ketone	BRL	4.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
Methoxychlor	BRL	20		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
Toxaphene	BRL	200		ug/Kg-dry	193262	1	07/10/2014 23:49	RS
Surr: Decachlorobiphenyl	75.4	25.2-120		%REC	193262	1	07/10/2014 23:49	RS
Surr: Tetrachloro-m-xylene	65.9	30.5-120		%REC	193262	1	07/10/2014 23:49	RS
PERCENT MOISTURE D2216								
Percent Moisture	16.1	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-25-11-12'
Project Name: Brookhaven	Collection Date: 7/1/2014 1:36:00 PM
Lab ID: 1407116-033	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
4,4'-DDE	BRL	3.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
4,4'-DDT	BRL	3.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
Aldrin	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
beta-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
Chlordane	BRL	39		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
delta-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
Dieldrin	8.5	3.9		ug/Kg-dry	193262	1	07/14/2014 19:25	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
Endrin	BRL	3.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
Heptachlor	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
Methoxychlor	BRL	19		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
Toxaphene	BRL	190		ug/Kg-dry	193262	1	07/11/2014 00:00	RS
Surr: Decachlorobiphenyl	81.1	25.2-120		%REC	193262	1	07/11/2014 00:00	RS
Surr: Tetrachloro-m-xylene	79.5	30.5-120		%REC	193262	1	07/11/2014 00:00	RS
PERCENT MOISTURE D2216								
Percent Moisture	14.3	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: B-2-1-3'
Project Name: Brookhaven	Collection Date: 7/1/2014 1:48:00 PM
Lab ID: 1407116-034	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	6.7	3.8		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
4,4'-DDE	BRL	3.8		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
4,4'-DDT	BRL	3.8		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
Aldrin	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
beta-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
Chlordane	270	38		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
delta-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
Dieldrin	12	3.8		ug/Kg-dry	193262	1	07/14/2014 19:36	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
Endosulfan II	BRL	3.8		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
Endrin	BRL	3.8		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
Endrin ketone	BRL	3.8		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
Heptachlor	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
Methoxychlor	BRL	19		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
Toxaphene	BRL	190		ug/Kg-dry	193262	1	07/11/2014 00:11	RS
Surr: Decachlorobiphenyl	79.6	25.2-120		%REC	193262	1	07/11/2014 00:11	RS
Surr: Tetrachloro-m-xylene	80.2	30.5-120		%REC	193262	1	07/11/2014 00:11	RS
PERCENT MOISTURE D2216								
Percent Moisture	12.9	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: B-2-5-6'
Project Name: Brookhaven	Collection Date: 7/1/2014 1:52:00 PM
Lab ID: 1407116-035	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
4,4'-DDE	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
4,4'-DDT	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
Aldrin	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
Chlordane	BRL	40		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
Dieldrin	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
Endosulfan II	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
Endrin	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
Endrin ketone	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
Methoxychlor	BRL	20		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
Toxaphene	BRL	200		ug/Kg-dry	193262	1	07/11/2014 00:22	RS
Surr: Decachlorobiphenyl	73.5	25.2-120		%REC	193262	1	07/11/2014 00:22	RS
Surr: Tetrachloro-m-xylene	72.8	30.5-120		%REC	193262	1	07/11/2014 00:22	RS
PERCENT MOISTURE D2216								
Percent Moisture	17.5	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: B-2-10-11'
Project Name: Brookhaven	Collection Date: 7/1/2014 1:54:00 PM
Lab ID: 1407116-036	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
4,4'-DDE	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
4,4'-DDT	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
Aldrin	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
Chlordane	BRL	40		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
Dieldrin	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
Endosulfan II	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
Endrin	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
Endrin ketone	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
Methoxychlor	BRL	20		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
Toxaphene	BRL	200		ug/Kg-dry	193262	1	07/11/2014 00:33	RS
Surr: Decachlorobiphenyl	76.7	25.2-120		%REC	193262	1	07/11/2014 00:33	RS
Surr: Tetrachloro-m-xylene	77.9	30.5-120		%REC	193262	1	07/11/2014 00:33	RS
PERCENT MOISTURE D2216								
Percent Moisture	17.3	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: B-2-11-12'
Project Name: Brookhaven	Collection Date: 7/1/2014 1:54:00 PM
Lab ID: 1407116-037	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
4,4'-DDE	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
4,4'-DDT	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
Aldrin	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
Chlordane	BRL	41		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
Dieldrin	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
Endosulfan II	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
Endosulfan sulfate	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
Endrin	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
Endrin aldehyde	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
Endrin ketone	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
Methoxychlor	BRL	20		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
Toxaphene	BRL	200		ug/Kg-dry	193262	1	07/11/2014 00:44	RS
Surr: Decachlorobiphenyl	73.8	25.2-120		%REC	193262	1	07/11/2014 00:44	RS
Surr: Tetrachloro-m-xylene	71.4	30.5-120		%REC	193262	1	07/11/2014 00:44	RS
PERCENT MOISTURE D2216								
Percent Moisture	17.9	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-28-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 2:08:00 PM
Lab ID: 1407116-038	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.4		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
4,4'-DDE	BRL	4.4		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
4,4'-DDT	BRL	440		ug/Kg-dry	193262	100	07/11/2014 00:55	RS
Aldrin	BRL	2.2		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
alpha-BHC	BRL	2.2		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
alpha-Chlordane	BRL	2.2		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
beta-BHC	BRL	2.2		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
Chlordane	90	44		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
delta-BHC	BRL	2.2		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
Dieldrin	6.0	4.4		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
Endosulfan I	BRL	2.2		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
Endosulfan II	BRL	4.4		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
Endosulfan sulfate	BRL	4.4		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
Endrin	BRL	4.4		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
Endrin aldehyde	BRL	4.4		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
Endrin ketone	BRL	4.4		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
gamma-BHC	BRL	2.2		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
gamma-Chlordane	BRL	2.2		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
Heptachlor	BRL	220		ug/Kg-dry	193262	100	07/11/2014 00:55	RS
Heptachlor epoxide	BRL	2.2		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
Methoxychlor	BRL	2200		ug/Kg-dry	193262	100	07/11/2014 00:55	RS
Toxaphene	BRL	220		ug/Kg-dry	193262	1	07/15/2014 19:15	KD
Surr: Decachlorobiphenyl	72.1	25.2-120		%REC	193262	1	07/15/2014 19:15	KD
Surr: Tetrachloro-m-xylene	69.1	30.5-120		%REC	193262	1	07/15/2014 19:15	KD
PERCENT MOISTURE D2216								
Percent Moisture	23.9	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-28-4-5'
Project Name: Brookhaven	Collection Date: 7/1/2014 2:10:00 PM
Lab ID: 1407116-039	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
4,4'-DDE	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
4,4'-DDT	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
Aldrin	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
Chlordane	BRL	40		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
Dieldrin	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
Endosulfan II	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
Endrin	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
Endrin ketone	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
Methoxychlor	BRL	20		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
Toxaphene	BRL	200		ug/Kg-dry	193262	1	07/11/2014 01:07	RS
Surr: Decachlorobiphenyl	73.6	25.2-120		%REC	193262	1	07/11/2014 01:07	RS
Surr: Tetrachloro-m-xylene	69.2	30.5-120		%REC	193262	1	07/11/2014 01:07	RS
PERCENT MOISTURE D2216								
Percent Moisture	17.1	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-29-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 2:43:00 PM
Lab ID: 1407116-041	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	40		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
4,4'-DDE	BRL	40		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
4,4'-DDT	BRL	40		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
Aldrin	BRL	20		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
alpha-BHC	BRL	20		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
alpha-Chlordane	BRL	20		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
beta-BHC	BRL	20		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
Chlordane	BRL	400		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
delta-BHC	BRL	20		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
Dieldrin	BRL	40		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
Endosulfan I	BRL	20		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
Endosulfan II	BRL	40		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
Endosulfan sulfate	BRL	40		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
Endrin	BRL	40		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
Endrin aldehyde	BRL	40		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
Endrin ketone	BRL	40		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
gamma-BHC	BRL	20		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
gamma-Chlordane	BRL	20		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
Heptachlor	BRL	20		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
Heptachlor epoxide	BRL	20		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
Methoxychlor	BRL	200		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
Toxaphene	BRL	2000		ug/Kg-dry	193262	10	07/11/2014 01:18	RS
Surr: Decachlorobiphenyl	106	25.2-120		%REC	193262	10	07/11/2014 01:18	RS
Surr: Tetrachloro-m-xylene	106	30.5-120		%REC	193262	10	07/11/2014 01:18	RS
PERCENT MOISTURE D2216								
Percent Moisture	16.3	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-29-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 2:45:00 PM
Lab ID: 1407116-042	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
4,4'-DDE	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
4,4'-DDT	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
Aldrin	BRL	2.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
alpha-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
alpha-Chlordane	BRL	2.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
beta-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
Chlordane	BRL	41		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
delta-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
Dieldrin	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
Endosulfan I	BRL	2.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
Endosulfan II	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
Endosulfan sulfate	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
Endrin	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
Endrin aldehyde	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
Endrin ketone	BRL	4.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
gamma-BHC	BRL	2.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
gamma-Chlordane	BRL	2.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
Heptachlor	BRL	2.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
Heptachlor epoxide	BRL	2.1		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
Methoxychlor	BRL	21		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
Toxaphene	BRL	210		ug/Kg-dry	193262	1	07/11/2014 01:29	RS
Surr: Decachlorobiphenyl	85.8	25.2-120		%REC	193262	1	07/11/2014 01:29	RS
Surr: Tetrachloro-m-xylene	87.9	30.5-120		%REC	193262	1	07/11/2014 01:29	RS
PERCENT MOISTURE D2216								
Percent Moisture	18.8	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-29-6-7'
Project Name: Brookhaven	Collection Date: 7/1/2014 2:45:00 PM
Lab ID: 1407116-043	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
4,4'-DDE	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
4,4'-DDT	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
Aldrin	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
Chlordane	BRL	40		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
Dieldrin	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
Endosulfan II	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
Endrin	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
Endrin ketone	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
Methoxychlor	BRL	20		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
Toxaphene	BRL	200		ug/Kg-dry	193262	1	07/11/2014 01:40	RS
Surr: Decachlorobiphenyl	86.7	25.2-120		%REC	193262	1	07/11/2014 01:40	RS
Surr: Tetrachloro-m-xylene	89.5	30.5-120		%REC	193262	1	07/11/2014 01:40	RS
PERCENT MOISTURE D2216								
Percent Moisture	17.8	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-37-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 3:02:00 PM
Lab ID: 1407116-045	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.6		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
4,4'-DDE	6.0	3.6		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
4,4'-DDT	BRL	72		ug/Kg-dry	193262	20	07/11/2014 01:51	RS
Aldrin	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
alpha-BHC	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
alpha-Chlordane	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
beta-BHC	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
Chlordane	170	36		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
delta-BHC	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
Dieldrin	5.8	3.6		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
Endosulfan I	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
Endosulfan II	BRL	3.6		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
Endosulfan sulfate	BRL	3.6		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
Endrin	BRL	3.6		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
Endrin aldehyde	BRL	3.6		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
Endrin ketone	BRL	3.6		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
gamma-BHC	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
gamma-Chlordane	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
Heptachlor	BRL	36		ug/Kg-dry	193262	20	07/11/2014 01:51	RS
Heptachlor epoxide	13	1.8		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
Methoxychlor	BRL	360		ug/Kg-dry	193262	20	07/11/2014 01:51	RS
Toxaphene	BRL	180		ug/Kg-dry	193262	1	07/15/2014 19:26	KD
Surr: Decachlorobiphenyl	46.8	25.2-120		%REC	193262	1	07/15/2014 19:26	KD
Surr: Tetrachloro-m-xylene	47.6	30.5-120		%REC	193262	1	07/15/2014 19:26	KD
PERCENT MOISTURE D2216								
Percent Moisture	7.87	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-37-2-3'
Project Name: Brookhaven	Collection Date: 7/1/2014 3:02:00 PM
Lab ID: 1407116-046	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.6		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
4,4'-DDE	5.8	3.6		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
4,4'-DDT	BRL	72		ug/Kg-dry	193262	20	07/11/2014 02:02	RS
Aldrin	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
alpha-BHC	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
alpha-Chlordane	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
beta-BHC	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
Chlordane	180	36		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
delta-BHC	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
Dieldrin	6.1	3.6		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
Endosulfan I	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
Endosulfan II	BRL	3.6		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
Endosulfan sulfate	BRL	3.6		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
Endrin	BRL	3.6		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
Endrin aldehyde	BRL	3.6		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
Endrin ketone	BRL	3.6		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
gamma-BHC	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
gamma-Chlordane	BRL	1.8		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
Heptachlor	BRL	36		ug/Kg-dry	193262	20	07/11/2014 02:02	RS
Heptachlor epoxide	12	1.8		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
Methoxychlor	BRL	360		ug/Kg-dry	193262	20	07/11/2014 02:02	RS
Toxaphene	BRL	180		ug/Kg-dry	193262	1	07/15/2014 19:37	KD
Surr: Decachlorobiphenyl	60.1	25.2-120		%REC	193262	1	07/15/2014 19:37	KD
Surr: Tetrachloro-m-xylene	55.8	30.5-120		%REC	193262	1	07/15/2014 19:37	KD
PERCENT MOISTURE D2216								
Percent Moisture	8.15	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-37-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 3:10:00 PM
Lab ID: 1407116-047	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
4,4'-DDE	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
4,4'-DDT	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
Aldrin	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
Chlordane	BRL	40		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
Dieldrin	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
Endosulfan II	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
Endrin	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
Endrin ketone	BRL	4.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
Methoxychlor	BRL	20		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
Toxaphene	BRL	200		ug/Kg-dry	193262	1	07/11/2014 02:13	RS
Surr: Decachlorobiphenyl	80.9	25.2-120		%REC	193262	1	07/11/2014 02:13	RS
Surr: Tetrachloro-m-xylene	77.1	30.5-120		%REC	193262	1	07/11/2014 02:13	RS
PERCENT MOISTURE D2216								
Percent Moisture	15.9	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-38-1-3'
Project Name: Brookhaven	Collection Date: 7/1/2014 3:30:00 PM
Lab ID: 1407116-049	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	77		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
4,4'-DDE	BRL	77		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
4,4'-DDT	BRL	77		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
Aldrin	BRL	39		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
alpha-BHC	BRL	39		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
alpha-Chlordane	BRL	39		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
beta-BHC	BRL	39		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
Chlordane	BRL	770		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
delta-BHC	BRL	39		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
Dieldrin	BRL	77		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
Endosulfan I	BRL	39		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
Endosulfan II	BRL	77		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
Endosulfan sulfate	BRL	77		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
Endrin	BRL	77		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
Endrin aldehyde	BRL	77		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
Endrin ketone	BRL	77		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
gamma-BHC	BRL	39		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
gamma-Chlordane	BRL	39		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
Heptachlor	BRL	39		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
Heptachlor epoxide	BRL	39		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
Methoxychlor	BRL	390		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
Toxaphene	BRL	3900		ug/Kg-dry	193328	20	07/11/2014 02:24	RS
Surr: Decachlorobiphenyl	109	25.2-120		%REC	193328	20	07/11/2014 02:24	RS
Surr: Tetrachloro-m-xylene	135	30.5-120	S	%REC	193328	20	07/11/2014 02:24	RS
PERCENT MOISTURE D2216								
Percent Moisture	13.7	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-38-5-6'
Project Name: Brookhaven	Collection Date: 7/1/2014 3:32:00 PM
Lab ID: 1407116-050	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.8		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
4,4'-DDE	BRL	4.8		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
4,4'-DDT	BRL	4.8		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
Aldrin	BRL	2.4		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
alpha-BHC	BRL	2.4		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
alpha-Chlordane	BRL	2.4		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
beta-BHC	BRL	2.4		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
Chlordane	BRL	48		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
delta-BHC	BRL	2.4		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
Dieldrin	BRL	4.8		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
Endosulfan I	BRL	2.4		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
Endosulfan II	BRL	4.8		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
Endosulfan sulfate	BRL	4.8		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
Endrin	BRL	4.8		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
Endrin aldehyde	BRL	4.8		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
Endrin ketone	BRL	4.8		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
gamma-BHC	BRL	2.4		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
gamma-Chlordane	BRL	2.4		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
Heptachlor	BRL	2.4		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
Heptachlor epoxide	BRL	2.4		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
Methoxychlor	BRL	24		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
Toxaphene	BRL	240		ug/Kg-dry	193328	1	07/11/2014 02:35	RS
Surr: Decachlorobiphenyl	72.4	25.2-120		%REC	193328	1	07/11/2014 02:35	RS
Surr: Tetrachloro-m-xylene	70.3	30.5-120		%REC	193328	1	07/11/2014 02:35	RS
PERCENT MOISTURE D2216								
Percent Moisture	31.0	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-51-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 3:50:00 PM
Lab ID: 1407116-052	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.8		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
4,4'-DDE	BRL	3.8		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
4,4'-DDT	BRL	7.6		ug/Kg-dry	193328	2	07/11/2014 02:46	RS
Aldrin	BRL	1.9		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
alpha-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
beta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
Chlordane	BRL	38		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
delta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
Dieldrin	BRL	3.8		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
Endosulfan II	BRL	3.8		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
Endrin	BRL	3.8		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
Endrin ketone	BRL	3.8		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
gamma-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
Heptachlor	BRL	3.8		ug/Kg-dry	193328	2	07/11/2014 02:46	RS
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
Methoxychlor	BRL	38		ug/Kg-dry	193328	2	07/11/2014 02:46	RS
Toxaphene	BRL	190		ug/Kg-dry	193328	1	07/15/2014 19:59	KD
Surr: Decachlorobiphenyl	52.7	25.2-120		%REC	193328	1	07/15/2014 19:59	KD
Surr: Tetrachloro-m-xylene	54.9	30.5-120		%REC	193328	1	07/15/2014 19:59	KD
PERCENT MOISTURE D2216								
Percent Moisture	12.7	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-51-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 3:51:00 PM
Lab ID: 1407116-053	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
4,4'-DDE	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
4,4'-DDT	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
Aldrin	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
Chlordane	BRL	40		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
Dieldrin	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
Endosulfan II	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
Endrin	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
Endrin ketone	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
Methoxychlor	BRL	20		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
Toxaphene	BRL	200		ug/Kg-dry	193328	1	07/11/2014 02:57	RS
Surr: Decachlorobiphenyl	71	25.2-120		%REC	193328	1	07/11/2014 02:57	RS
Surr: Tetrachloro-m-xylene	70.1	30.5-120		%REC	193328	1	07/11/2014 02:57	RS
PERCENT MOISTURE D2216								
Percent Moisture	16.3	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-30-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 4:28:00 PM
Lab ID: 1407116-056	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.7		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
4,4'-DDE	BRL	3.7		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
4,4'-DDT	BRL	3.7		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
Aldrin	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
beta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
Chlordane	450	75		ug/Kg-dry	193328	2	07/14/2014 19:47	KD
delta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
Dieldrin	23	7.5		ug/Kg-dry	193328	2	07/14/2014 19:47	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
Endosulfan II	BRL	3.7		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
Endrin	BRL	3.7		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
Endrin aldehyde	BRL	3.7		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
Endrin ketone	BRL	3.7		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
Heptachlor	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
Heptachlor epoxide	32	1.9		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
Methoxychlor	BRL	19		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
Toxaphene	BRL	190		ug/Kg-dry	193328	1	07/11/2014 03:53	RS
Surr: Decachlorobiphenyl	68.8	25.2-120		%REC	193328	1	07/11/2014 03:53	RS
Surr: Tetrachloro-m-xylene	69.3	30.5-120		%REC	193328	1	07/11/2014 03:53	RS
PERCENT MOISTURE D2216								
Percent Moisture	10.8	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-30-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 4:31:00 PM
Lab ID: 1407116-057	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
4,4'-DDE	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
4,4'-DDT	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
Aldrin	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
beta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
Chlordane	BRL	38		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
delta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
Dieldrin	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
Endosulfan I	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
Endosulfan II	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
Endrin	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
Endrin ketone	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
Heptachlor	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
Heptachlor epoxide	3.8	1.9		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
Methoxychlor	BRL	19		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
Toxaphene	BRL	190		ug/Kg-dry	193328	1	07/11/2014 04:04	RS
Surr: Decachlorobiphenyl	49.6	25.2-120		%REC	193328	1	07/11/2014 04:04	RS
Surr: Tetrachloro-m-xylene	50.1	30.5-120		%REC	193328	1	07/11/2014 04:04	RS
PERCENT MOISTURE D2216								
Percent Moisture	12.6	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-34-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 4:42:00 PM
Lab ID: 1407116-059	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
4,4'-DDE	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
4,4'-DDT	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
Aldrin	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
Chlordane	BRL	39		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
Dieldrin	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
Endrin	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
Methoxychlor	BRL	20		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
Toxaphene	BRL	200		ug/Kg-dry	193328	1	07/11/2014 04:15	RS
Surr: Decachlorobiphenyl	60.4	25.2-120		%REC	193328	1	07/11/2014 04:15	RS
Surr: Tetrachloro-m-xylene	56.4	30.5-120		%REC	193328	1	07/11/2014 04:15	RS
PERCENT MOISTURE D2216								
Percent Moisture	14.4	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-34-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 4:43:00 PM
Lab ID: 1407116-060	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
4,4'-DDE	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
4,4'-DDT	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
Aldrin	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
Chlordane	BRL	40		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
Dieldrin	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
Endosulfan II	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
Endrin	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
Endrin ketone	BRL	4.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
Methoxychlor	BRL	20		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
Toxaphene	BRL	200		ug/Kg-dry	193328	1	07/11/2014 04:26	RS
Surr: Decachlorobiphenyl	74.2	25.2-120		%REC	193328	1	07/11/2014 04:26	RS
Surr: Tetrachloro-m-xylene	75	30.5-120		%REC	193328	1	07/11/2014 04:26	RS
PERCENT MOISTURE D2216								
Percent Moisture	16.2	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-40-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 4:58:00 PM
Lab ID: 1407116-062	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
4,4'-DDE	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
4,4'-DDT	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
Aldrin	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
beta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
Chlordane	BRL	39		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
delta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
Dieldrin	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
Endosulfan I	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
Endrin	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
Heptachlor	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
Methoxychlor	BRL	19		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
Toxaphene	BRL	190		ug/Kg-dry	193328	1	07/11/2014 04:37	RS
Surr: Decachlorobiphenyl	78	25.2-120		%REC	193328	1	07/11/2014 04:37	RS
Surr: Tetrachloro-m-xylene	77	30.5-120		%REC	193328	1	07/11/2014 04:37	RS
PERCENT MOISTURE D2216								
Percent Moisture	13.9	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-40-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 4:59:00 PM
Lab ID: 1407116-063	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
4,4'-DDE	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
4,4'-DDT	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
Aldrin	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
beta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
Chlordane	BRL	38		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
delta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
Dieldrin	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
Endosulfan I	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
Endosulfan II	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
Endrin	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
Endrin ketone	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
Heptachlor	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
Methoxychlor	BRL	19		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
Toxaphene	BRL	190		ug/Kg-dry	193328	1	07/11/2014 04:48	RS
Surr: Decachlorobiphenyl	65.1	25.2-120		%REC	193328	1	07/11/2014 04:48	RS
Surr: Tetrachloro-m-xylene	65.7	30.5-120		%REC	193328	1	07/11/2014 04:48	RS
PERCENT MOISTURE D2216								
Percent Moisture	11.5	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-44-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 5:15:00 PM
Lab ID: 1407116-065	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	130	39		ug/Kg-dry	193328	10	07/14/2014 19:58	KD
4,4'-DDE	13	3.9		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
4,4'-DDT	72	39		ug/Kg-dry	193328	10	07/14/2014 19:58	KD
Aldrin	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
Chlordane	150	39		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
Dieldrin	BRL	39		ug/Kg-dry	193328	10	07/14/2014 19:58	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
Endrin	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
Methoxychlor	BRL	20		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
Toxaphene	BRL	200		ug/Kg-dry	193328	1	07/11/2014 04:59	RS
Surr: Decachlorobiphenyl	78.4	25.2-120		%REC	193328	1	07/11/2014 04:59	RS
Surr: Tetrachloro-m-xylene	74.8	30.5-120		%REC	193328	1	07/11/2014 04:59	RS
PERCENT MOISTURE D2216								
Percent Moisture	15.5	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-44-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 5:17:00 PM
Lab ID: 1407116-066	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
4,4'-DDE	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
4,4'-DDT	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
Aldrin	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
beta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
Chlordane	BRL	38		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
delta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
Dieldrin	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
Endosulfan I	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
Endosulfan II	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
Endrin	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
Endrin ketone	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
Heptachlor	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
Methoxychlor	BRL	19		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
Toxaphene	BRL	190		ug/Kg-dry	193328	1	07/11/2014 05:10	RS
Surr: Decachlorobiphenyl	72.8	25.2-120		%REC	193328	1	07/11/2014 05:10	RS
Surr: Tetrachloro-m-xylene	72	30.5-120		%REC	193328	1	07/11/2014 05:10	RS
PERCENT MOISTURE D2216								
Percent Moisture	13.3	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: B-1-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 5:30:00 PM
Lab ID: 1407116-068	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	7.6		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
4,4'-DDE	BRL	7.6		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
4,4'-DDT	BRL	7.6		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
Aldrin	BRL	3.8		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
alpha-BHC	BRL	3.8		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
alpha-Chlordane	BRL	3.8		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
beta-BHC	BRL	3.8		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
Chlordane	220	76		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
delta-BHC	BRL	3.8		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
Dieldrin	18	7.6		ug/Kg-dry	193328	2	07/17/2014 13:26	RS
Endosulfan I	BRL	3.8		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
Endosulfan II	BRL	7.6		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
Endosulfan sulfate	BRL	7.6		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
Endrin	BRL	7.6		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
Endrin aldehyde	BRL	7.6		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
Endrin ketone	BRL	7.6		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
gamma-BHC	BRL	3.8		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
gamma-Chlordane	BRL	3.8		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
Heptachlor	20	3.8		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
Heptachlor epoxide	4.8	3.8		ug/Kg-dry	193328	2	07/17/2014 13:26	RS
Methoxychlor	BRL	38		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
Toxaphene	BRL	380		ug/Kg-dry	193328	2	07/11/2014 22:38	RS
Surr: Decachlorobiphenyl	71.2	25.2-120		%REC	193328	2	07/11/2014 22:38	RS
Surr: Tetrachloro-m-xylene	63.9	30.5-120		%REC	193328	2	07/11/2014 22:38	RS
PERCENT MOISTURE D2216								
Percent Moisture	12.5	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: B-1-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 5:33:00 PM
Lab ID: 1407116-069	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	78		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
4,4'-DDE	BRL	78		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
4,4'-DDT	BRL	78		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
Aldrin	BRL	39		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
alpha-BHC	BRL	39		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
alpha-Chlordane	BRL	39		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
beta-BHC	BRL	39		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
Chlordane	5900	780		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
delta-BHC	BRL	39		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
Dieldrin	BRL	78		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
Endosulfan I	BRL	39		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
Endosulfan II	BRL	78		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
Endosulfan sulfate	BRL	78		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
Endrin	BRL	78		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
Endrin aldehyde	BRL	78		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
Endrin ketone	BRL	78		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
gamma-BHC	BRL	39		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
gamma-Chlordane	BRL	39		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
Heptachlor	520	39		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
Heptachlor epoxide	85	39		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
Methoxychlor	BRL	390		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
Toxaphene	BRL	3900		ug/Kg-dry	193328	20	07/14/2014 20:09	KD
Surr: Decachlorobiphenyl	80.6	25.2-120		%REC	193328	20	07/14/2014 20:09	KD
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193328	20	07/14/2014 20:09	KD
PERCENT MOISTURE D2216								
Percent Moisture	14.6	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-45-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 5:45:00 PM
Lab ID: 1407116-071	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
4,4'-DDE	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
4,4'-DDT	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
Aldrin	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
beta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
Chlordane	BRL	38		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
delta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
Dieldrin	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
Endosulfan I	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
Endosulfan II	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
Endrin	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
Endrin ketone	BRL	3.8		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
Heptachlor	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
Methoxychlor	BRL	19		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
Toxaphene	BRL	190		ug/Kg-dry	193328	1	07/11/2014 23:00	RS
Surr: Decachlorobiphenyl	85	25.2-120		%REC	193328	1	07/11/2014 23:00	RS
Surr: Tetrachloro-m-xylene	74.6	30.5-120		%REC	193328	1	07/11/2014 23:00	RS
PERCENT MOISTURE D2216								
Percent Moisture	12.8	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-45-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 5:47:00 PM
Lab ID: 1407116-072	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	20		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
4,4'-DDE	BRL	20		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
4,4'-DDT	BRL	20		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
Aldrin	BRL	10		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
alpha-BHC	BRL	10		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
alpha-Chlordane	BRL	10		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
beta-BHC	BRL	10		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
Chlordane	BRL	200		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
delta-BHC	BRL	10		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
Dieldrin	63	20		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
Endosulfan I	BRL	10		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
Endosulfan II	BRL	20		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
Endosulfan sulfate	BRL	20		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
Endrin	BRL	20		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
Endrin aldehyde	BRL	20		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
Endrin ketone	BRL	20		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
gamma-BHC	BRL	10		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
gamma-Chlordane	BRL	10		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
Heptachlor	BRL	10		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
Heptachlor epoxide	BRL	10		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
Methoxychlor	BRL	100		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
Toxaphene	BRL	1000		ug/Kg-dry	193328	5	07/17/2014 13:38	RS
Surr: Decachlorobiphenyl	85.3	25.2-120		%REC	193328	5	07/17/2014 13:38	RS
Surr: Tetrachloro-m-xylene	25.8	30.5-120	S	%REC	193328	5	07/17/2014 13:38	RS
PERCENT MOISTURE D2216								
Percent Moisture	16.9	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-39-3-5'
Project Name: Brookhaven	Collection Date: 7/1/2014 4:03:00 PM
Lab ID: 1407116-074	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	4.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
4,4'-DDE	BRL	4.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
4,4'-DDT	BRL	4.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
Aldrin	BRL	2.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
alpha-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
beta-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
Chlordane	BRL	40		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
delta-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
Dieldrin	BRL	4.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
Endosulfan I	BRL	2.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
Endosulfan II	BRL	4.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
Endrin	BRL	4.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
Endrin aldehyde	BRL	4.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
Endrin ketone	BRL	4.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
gamma-BHC	BRL	2.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
Heptachlor	BRL	2.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
Methoxychlor	BRL	20		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
Toxaphene	BRL	200		ug/Kg-dry	193328	1	07/14/2014 17:23	KD
Surr: Decachlorobiphenyl	78.2	25.2-120		%REC	193328	1	07/14/2014 17:23	KD
Surr: Tetrachloro-m-xylene	63.7	30.5-120		%REC	193328	1	07/14/2014 17:23	KD
PERCENT MOISTURE D2216								
Percent Moisture	15.8	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-39-5-6'
Project Name: Brookhaven	Collection Date: 7/1/2014 4:05:00 PM
Lab ID: 1407116-075	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
4,4'-DDE	BRL	3.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
4,4'-DDT	BRL	3.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
Aldrin	BRL	1.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
alpha-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
beta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
Chlordane	BRL	39		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
delta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
Dieldrin	BRL	3.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
Endosulfan I	BRL	1.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
Endosulfan II	BRL	3.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
Endrin	BRL	3.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
Endrin ketone	BRL	3.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
gamma-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
Heptachlor	BRL	1.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
Methoxychlor	BRL	19		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
Toxaphene	BRL	190		ug/Kg-dry	193328	1	07/14/2014 17:34	KD
Surr: Decachlorobiphenyl	68.8	25.2-120		%REC	193328	1	07/14/2014 17:34	KD
Surr: Tetrachloro-m-xylene	55.8	30.5-120		%REC	193328	1	07/14/2014 17:34	KD
PERCENT MOISTURE D2216								
Percent Moisture	13.8	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-35-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 6:20:00 PM
Lab ID: 1407116-077	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.8		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
4,4'-DDE	BRL	3.8		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
4,4'-DDT	BRL	3.8		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
Aldrin	BRL	1.9		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
beta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
Chlordane	BRL	38		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
delta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
Dieldrin	BRL	3.8		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
Endosulfan I	BRL	1.9		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
Endosulfan II	BRL	3.8		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
Endrin	BRL	3.8		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
Endrin aldehyde	BRL	3.8		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
Endrin ketone	BRL	3.8		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
Heptachlor	BRL	1.9		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
Methoxychlor	BRL	19		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
Toxaphene	BRL	190		ug/Kg-dry	193328	1	07/17/2014 13:49	RS
Surr: Decachlorobiphenyl	64.2	25.2-120		%REC	193328	1	07/17/2014 13:49	RS
Surr: Tetrachloro-m-xylene	54	30.5-120		%REC	193328	1	07/17/2014 13:49	RS
PERCENT MOISTURE D2216								
Percent Moisture	12.4	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-35-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 6:26:00 PM
Lab ID: 1407116-078	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
4,4'-DDE	BRL	3.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
4,4'-DDT	BRL	3.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
Aldrin	BRL	1.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
beta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
Chlordane	BRL	39		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
delta-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
Dieldrin	BRL	3.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
Endosulfan I	BRL	1.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
Endrin	BRL	3.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
Heptachlor	BRL	1.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
Heptachlor epoxide	BRL	1.9		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
Methoxychlor	BRL	19		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
Toxaphene	BRL	190		ug/Kg-dry	193328	1	07/12/2014 00:07	RS
Surr: Decachlorobiphenyl	76	25.2-120		%REC	193328	1	07/12/2014 00:07	RS
Surr: Tetrachloro-m-xylene	73.4	30.5-120		%REC	193328	1	07/12/2014 00:07	RS
PERCENT MOISTURE D2216								
Percent Moisture	14.0	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-16-0-2'
Project Name: Brookhaven	Collection Date: 7/1/2014 6:48:00 PM
Lab ID: 1407116-080	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	99	78		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
4,4'-DDE	BRL	78		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
4,4'-DDT	BRL	78		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
Aldrin	BRL	39		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
alpha-BHC	BRL	39		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
alpha-Chlordane	BRL	39		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
beta-BHC	BRL	39		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
Chlordane	7100	2000		ug/Kg-dry	193366	50	07/17/2014 14:00	RS
delta-BHC	BRL	39		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
Dieldrin	150	78		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
Endosulfan I	BRL	39		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
Endosulfan II	BRL	78		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
Endosulfan sulfate	BRL	78		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
Endrin	BRL	78		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
Endrin aldehyde	BRL	78		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
Endrin ketone	BRL	78		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
gamma-BHC	BRL	39		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
gamma-Chlordane	BRL	39		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
Heptachlor	BRL	39		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
Heptachlor epoxide	BRL	39		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
Methoxychlor	BRL	390		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
Toxaphene	BRL	3900		ug/Kg-dry	193366	20	07/14/2014 20:20	KD
Surr: Decachlorobiphenyl	112	25.2-120		%REC	193366	20	07/14/2014 20:20	KD
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193366	20	07/14/2014 20:20	KD
PERCENT MOISTURE D2216								
Percent Moisture	15.1	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-16-4.5-5.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 6:52:00 PM
Lab ID: 1407116-081	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
4,4'-DDE	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
4,4'-DDT	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
Aldrin	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
Chlordane	43	39		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
Dieldrin	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
Endrin	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
Methoxychlor	BRL	20		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
Toxaphene	BRL	200		ug/Kg-dry	193366	1	07/11/2014 18:12	RS
Surr: Decachlorobiphenyl	93.5	25.2-120		%REC	193366	1	07/11/2014 18:12	RS
Surr: Tetrachloro-m-xylene	88	30.5-120		%REC	193366	1	07/11/2014 18:12	RS
PERCENT MOISTURE D2216								
Percent Moisture	14.4	0		wt%	R271380	1	07/09/2014 09:30	EH

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-16-9.5-10.5'
Project Name: Brookhaven	Collection Date: 7/1/2014 6:54:00 PM
Lab ID: 1407116-082	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
4,4'-DDD	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
4,4'-DDE	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
4,4'-DDT	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
Aldrin	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
alpha-Chlordane	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
beta-BHC	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
Chlordane	BRL	39		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
delta-BHC	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
Dieldrin	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
Endrin	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
Heptachlor	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
Heptachlor epoxide	BRL	2.0		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
Methoxychlor	BRL	20		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
Toxaphene	BRL	200		ug/Kg-dry	193366	1	07/11/2014 18:23	RS
Surr: Decachlorobiphenyl	76.1	25.2-120		%REC	193366	1	07/11/2014 18:23	RS
Surr: Tetrachloro-m-xylene	73.8	30.5-120		%REC	193366	1	07/11/2014 18:23	RS
PERCENT MOISTURE D2216								
Percent Moisture	14.5	0		wt%	R271380	1	07/09/2014 09:30	EH

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: 6-Aug-14

Client: EarthCon Consultants, Inc.	Client Sample ID: RINSE 001
Project Name: Brookhaven	Collection Date: 7/1/2014 11:27:00 AM
Lab ID: 1407116-084	Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES, TCL SW8081B								
					(SW3510C)			
4,4'-DDD	BRL	0.10		ug/L	193196	1	07/03/2014 16:56	RS
4,4'-DDE	BRL	0.10		ug/L	193196	1	07/03/2014 16:56	RS
4,4'-DDT	BRL	0.10		ug/L	193196	1	07/03/2014 16:56	RS
Aldrin	BRL	0.050		ug/L	193196	1	07/03/2014 16:56	RS
alpha-BHC	BRL	0.050		ug/L	193196	1	07/03/2014 16:56	RS
alpha-Chlordane	BRL	0.050		ug/L	193196	1	07/03/2014 16:56	RS
beta-BHC	BRL	0.050		ug/L	193196	1	07/03/2014 16:56	RS
Chlordane	BRL	0.50		ug/L	193196	1	07/03/2014 16:56	RS
delta-BHC	BRL	0.050		ug/L	193196	1	07/03/2014 16:56	RS
Dieldrin	BRL	0.10		ug/L	193196	1	07/03/2014 16:56	RS
Endosulfan I	BRL	0.050		ug/L	193196	1	07/03/2014 16:56	RS
Endosulfan II	BRL	0.10		ug/L	193196	1	07/03/2014 16:56	RS
Endosulfan sulfate	BRL	0.10		ug/L	193196	1	07/03/2014 16:56	RS
Endrin	BRL	0.10		ug/L	193196	1	07/03/2014 16:56	RS
Endrin aldehyde	BRL	0.10		ug/L	193196	1	07/03/2014 16:56	RS
Endrin ketone	BRL	0.10		ug/L	193196	1	07/03/2014 16:56	RS
gamma-BHC	BRL	0.050		ug/L	193196	1	07/03/2014 16:56	RS
gamma-Chlordane	BRL	0.050		ug/L	193196	1	07/03/2014 16:56	RS
Heptachlor	BRL	0.050		ug/L	193196	1	07/03/2014 16:56	RS
Heptachlor epoxide	BRL	0.050		ug/L	193196	1	07/03/2014 16:56	RS
Methoxychlor	BRL	0.50		ug/L	193196	1	07/03/2014 16:56	RS
Oxychlordane	BRL	0.10	N	ug/L	193196	1	07/03/2014 16:56	RS
trans-Nonachlor	BRL	0.10	N	ug/L	193196	1	07/03/2014 16:56	RS
Surr: Decachlorobiphenyl	38	15-115		%REC	193196	1	07/03/2014 16:56	RS
Surr: Tetrachloro-m-xylene	55.2	15.1-115		%REC	193196	1	07/03/2014 16:56	RS

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 Earthcon

Work Order Number 1407116

Checklist completed by [Signature] 7/2/14
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 3.6 Cooler #2 3.2 Cooler #3 _____ Cooler #4 _____ Cooler #5 _____ Cooler #6 _____

Chain of custody present? Yes No

Chain of custody signed when relinquished and received? Yes No

Chain of custody agrees with sample labels? Yes No

Samples in proper container/bottle? Yes No

Sample containers intact? Yes No

Sufficient sample volume for indicated test? Yes No

All samples received within holding time? Yes No

Was TAT marked on the COC? Yes No

Proceed with Standard TAT as per project history? Yes No Not Applicable

Water - VOA vials have zero headspace? No VOA vials submitted Yes No

Water - pH acceptable upon receipt? Yes No Not Applicable

Sample Condition: Good Adjusted? _____ Other(Explain) _____
Checked by [Signature]

(For diffusive samples or AIHA lead) Is a known blank included? Yes No

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Client: EarthCon Consultants, Inc.
 Project: Brookhaven
 Lab Order: 1407116

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1407116-001A	SB-01-0-2'	7/1/2014 8:53:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-001A	SB-01-0-2'	7/1/2014 8:53:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-002A	SB-01-4.5-5.5'	7/1/2014 8:55:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-002A	SB-01-4.5-5.5'	7/1/2014 8:55:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-005A	SB-09-0-2'	7/1/2014 9:11:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-005A	SB-09-0-2'	7/1/2014 9:11:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/14/2014
1407116-005A	SB-09-0-2'	7/1/2014 9:11:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-006A	SB-09-4.5-5.5'	7/1/2014 9:12:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-006A	SB-09-4.5-5.5'	7/1/2014 9:12:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-008A	SB-08-0-2'	7/1/2014 9:28:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-008A	SB-08-0-2'	7/1/2014 9:28:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-009A	SB-08-4.5-5.5'	7/1/2014 9:29:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-009A	SB-08-4.5-5.5'	7/1/2014 9:29:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-011A	SB-11-0-2'	7/1/2014 9:45:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-011A	SB-11-0-2'	7/1/2014 9:45:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/14/2014
1407116-011A	SB-11-0-2'	7/1/2014 9:45:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-012A	SB-11-4.5-5.5'	7/1/2014 9:47:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-012A	SB-11-4.5-5.5'	7/1/2014 9:47:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-014A	SB-07-0-2'	7/1/2014 10:05:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-014A	SB-07-0-2'	7/1/2014 10:05:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-015A	SB-07-4.5-5.5'	7/1/2014 10:07:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-015A	SB-07-4.5-5.5'	7/1/2014 10:07:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-017A	SB-02-0-2'	7/1/2014 10:25:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-017A	SB-02-0-2'	7/1/2014 10:25:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-018A	SB-02-4.5-5.5'	7/1/2014 10:23:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-018A	SB-02-4.5-5.5'	7/1/2014 10:23:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-020A	SB-12-0-2'	7/1/2014 10:41:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-020A	SB-12-0-2'	7/1/2014 10:41:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/14/2014
1407116-020A	SB-12-0-2'	7/1/2014 10:41:00AM	Soil	PERCENT MOISTURE			07/09/2014

Client: EarthCon Consultants, Inc.
 Project: Brookhaven
 Lab Order: 1407116

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1407116-021A	SB-12-4.5-5.5'	7/1/2014 10:45:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-021A	SB-12-4.5-5.5'	7/1/2014 10:45:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-023A	SB-26-0-2'	7/1/2014 11:38:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/17/2014
1407116-023A	SB-26-0-2'	7/1/2014 11:38:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-024A	SB-26-4.5-5.5'	7/1/2014 11:46:00AM	Soil	CHLORINATED PESTICIDES		07/03/2014	07/09/2014
1407116-024A	SB-26-4.5-5.5'	7/1/2014 11:46:00AM	Soil	PERCENT MOISTURE			07/09/2014
1407116-026A	SB-18-0-2'	7/1/2014 1:02:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/09/2014
1407116-026A	SB-18-0-2'	7/1/2014 1:02:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/14/2014
1407116-026A	SB-18-0-2'	7/1/2014 1:02:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-027A	SB-18-4.5-5.5'	7/1/2014 1:08:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/10/2014
1407116-027A	SB-18-4.5-5.5'	7/1/2014 1:08:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-028A	SB-18-9.5-10.5'	7/1/2014 1:08:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/10/2014
1407116-028A	SB-18-9.5-10.5'	7/1/2014 1:08:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-029A	SB-18-13-14'	7/1/2014 1:13:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/10/2014
1407116-029A	SB-18-13-14'	7/1/2014 1:13:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-030A	SB-18-14-15'	7/1/2014 1:13:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/10/2014
1407116-030A	SB-18-14-15'	7/1/2014 1:13:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-031A	SB-25-1-2'	7/1/2014 1:29:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/10/2014
1407116-031A	SB-25-1-2'	7/1/2014 1:29:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/14/2014
1407116-031A	SB-25-1-2'	7/1/2014 1:29:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-032A	SB-25-9.5-10.5'	7/1/2014 1:36:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/10/2014
1407116-032A	SB-25-9.5-10.5'	7/1/2014 1:36:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/14/2014
1407116-032A	SB-25-9.5-10.5'	7/1/2014 1:36:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-033A	SB-25-11-12'	7/1/2014 1:36:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-033A	SB-25-11-12'	7/1/2014 1:36:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/14/2014
1407116-033A	SB-25-11-12'	7/1/2014 1:36:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-034A	B-2-1-3'	7/1/2014 1:48:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-034A	B-2-1-3'	7/1/2014 1:48:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/14/2014
1407116-034A	B-2-1-3'	7/1/2014 1:48:00PM	Soil	PERCENT MOISTURE			07/09/2014

Client: EarthCon Consultants, Inc.
 Project: Brookhaven
 Lab Order: 1407116

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1407116-035A	B-2-5-6'	7/1/2014 1:52:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-035A	B-2-5-6'	7/1/2014 1:52:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-036A	B-2-10-11'	7/1/2014 1:54:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-036A	B-2-10-11'	7/1/2014 1:54:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-037A	B-2-11-12'	7/1/2014 1:54:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-037A	B-2-11-12'	7/1/2014 1:54:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-038A	SB-28-0-2'	7/1/2014 2:08:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-038A	SB-28-0-2'	7/1/2014 2:08:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/15/2014
1407116-038A	SB-28-0-2'	7/1/2014 2:08:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-039A	SB-28-4-5'	7/1/2014 2:10:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-039A	SB-28-4-5'	7/1/2014 2:10:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-041A	SB-29-0-2'	7/1/2014 2:43:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-041A	SB-29-0-2'	7/1/2014 2:43:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-042A	SB-29-4.5-5.5'	7/1/2014 2:45:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-042A	SB-29-4.5-5.5'	7/1/2014 2:45:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-043A	SB-29-6-7'	7/1/2014 2:45:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-043A	SB-29-6-7'	7/1/2014 2:45:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-045A	SB-37-0-2'	7/1/2014 3:02:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-045A	SB-37-0-2'	7/1/2014 3:02:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/15/2014
1407116-045A	SB-37-0-2'	7/1/2014 3:02:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-046A	SB-37-2-3'	7/1/2014 3:02:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-046A	SB-37-2-3'	7/1/2014 3:02:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/15/2014
1407116-046A	SB-37-2-3'	7/1/2014 3:02:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-047A	SB-37-4.5-5.5'	7/1/2014 3:10:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-047A	SB-37-4.5-5.5'	7/1/2014 3:10:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-049A	SB-38-1-3'	7/1/2014 3:30:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-049A	SB-38-1-3'	7/1/2014 3:30:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-050A	SB-38-5-6'	7/1/2014 3:32:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-050A	SB-38-5-6'	7/1/2014 3:32:00PM	Soil	PERCENT MOISTURE			07/09/2014

Client: EarthCon Consultants, Inc.
 Project: Brookhaven
 Lab Order: 1407116

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1407116-052A	SB-51-0-2'	7/1/2014 3:50:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-052A	SB-51-0-2'	7/1/2014 3:50:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/15/2014
1407116-052A	SB-51-0-2'	7/1/2014 3:50:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-053A	SB-51-4.5-5.5'	7/1/2014 3:51:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-053A	SB-51-4.5-5.5'	7/1/2014 3:51:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-056A	SB-30-0-2'	7/1/2014 4:28:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-056A	SB-30-0-2'	7/1/2014 4:28:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/14/2014
1407116-056A	SB-30-0-2'	7/1/2014 4:28:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-057A	SB-30-4.5-5.5'	7/1/2014 4:31:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-057A	SB-30-4.5-5.5'	7/1/2014 4:31:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-059A	SB-34-0-2'	7/1/2014 4:42:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-059A	SB-34-0-2'	7/1/2014 4:42:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-060A	SB-34-4.5-5.5'	7/1/2014 4:43:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-060A	SB-34-4.5-5.5'	7/1/2014 4:43:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-062A	SB-40-0-2'	7/1/2014 4:58:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-062A	SB-40-0-2'	7/1/2014 4:58:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-063A	SB-40-4.5-5.5'	7/1/2014 4:59:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-063A	SB-40-4.5-5.5'	7/1/2014 4:59:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-065A	SB-44-0-2'	7/1/2014 5:15:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-065A	SB-44-0-2'	7/1/2014 5:15:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/14/2014
1407116-065A	SB-44-0-2'	7/1/2014 5:15:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-066A	SB-44-4.5-5.5'	7/1/2014 5:17:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-066A	SB-44-4.5-5.5'	7/1/2014 5:17:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-068A	B-1-0-2'	7/1/2014 5:30:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014
1407116-068A	B-1-0-2'	7/1/2014 5:30:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/17/2014
1407116-068A	B-1-0-2'	7/1/2014 5:30:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-069A	B-1-4.5-5.5'	7/1/2014 5:33:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/14/2014
1407116-069A	B-1-4.5-5.5'	7/1/2014 5:33:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-071A	SB-45-0-2'	7/1/2014 5:45:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/11/2014

Client: EarthCon Consultants, Inc.
 Project: Brookhaven
 Lab Order: 1407116

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1407116-071A	SB-45-0-2'	7/1/2014 5:45:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-072A	SB-45-4.5-5.5'	7/1/2014 5:47:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/17/2014
1407116-072A	SB-45-4.5-5.5'	7/1/2014 5:47:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-074A	SB-39-3-5'	7/1/2014 4:03:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/14/2014
1407116-074A	SB-39-3-5'	7/1/2014 4:03:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-075A	SB-39-5-6'	7/1/2014 4:05:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/14/2014
1407116-075A	SB-39-5-6'	7/1/2014 4:05:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-077A	SB-35-0-2'	7/1/2014 6:20:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/17/2014
1407116-077A	SB-35-0-2'	7/1/2014 6:20:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-078A	SB-35-4.5-5.5'	7/1/2014 6:26:00PM	Soil	CHLORINATED PESTICIDES		07/07/2014	07/12/2014
1407116-078A	SB-35-4.5-5.5'	7/1/2014 6:26:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-080A	SB-16-0-2'	7/1/2014 6:48:00PM	Soil	CHLORINATED PESTICIDES		07/09/2014	07/14/2014
1407116-080A	SB-16-0-2'	7/1/2014 6:48:00PM	Soil	CHLORINATED PESTICIDES		07/09/2014	07/17/2014
1407116-080A	SB-16-0-2'	7/1/2014 6:48:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-081A	SB-16-4.5-5.5'	7/1/2014 6:52:00PM	Soil	CHLORINATED PESTICIDES		07/09/2014	07/11/2014
1407116-081A	SB-16-4.5-5.5'	7/1/2014 6:52:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-082A	SB-16-9.5-10.5'	7/1/2014 6:54:00PM	Soil	CHLORINATED PESTICIDES		07/09/2014	07/11/2014
1407116-082A	SB-16-9.5-10.5'	7/1/2014 6:54:00PM	Soil	PERCENT MOISTURE			07/09/2014
1407116-084A	RINSE 001	7/1/2014 11:27:00AM	Aqueous	TCL-CHLORINATED PESTICIDES		07/02/2014	07/03/2014



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: _____ Date: 7/2/14 Page 1 of 2

COMPANY: **EARTHCON** ADDRESS: 1880 10th Out Pkwy, Rtd 15 100, Ste 104, Marietta, GA 30062

PHONE: 770-913-2100 FAX: _____ SIGNATURE: Kriston Rivera

SAMPLED BY: Kriston Rivera

#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED				REMARKS	No # of Containers		
							AB	MS	PC	TC				
1	SB-50-0-1	7/2/14	0858		X	SO	X							
2	SB-49-0-2		0905				X							
3	SB-49-2-4		0905				X							
4	SB-48-0-2		0913				X							
5	SB-46-0-2		0921				X							
6	SB-19-0-2		0946				X							
7	SB-17-0-2		0952				X							
8	SB-17-2-4		0952				X							
9	SB-20-0-2		1012				X							
10	SB-24-0-2		1021				X							
11	SA-24-2-4		1027				X							
12	SB-60-0-10		1046				X							
13	SA-60-0-12		1048				X							
14	SB-47-0-1		1113				X							

RELINQUISHED BY: Kriston Rivera DATE/TIME: 7/2/14
 RECEIVED BY: [Signature] DATE/TIME: 7/2/14 12:27

SPECIAL INSTRUCTIONS/COMMENTS: [Blank]

SHIPMENT METHOD: [Blank]

INVOICE TO: [Blank]

SEND REPORT TO: [Blank]

PROJECT NAME: BROADHAVEN

PROJECT #: 02-20140222

SITE ADDRESS: 2600 Apple Valley Rd, Atlanta, GA 30319

STATE PROGRAM (if any): [Blank]

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.

MATRIX CODES: A = Air, GIV = Groundwater, SE = Sediment, SO = Soil, SV = 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, SM+I = Sodium Bisulfite/ethanol + ice, O = Other (specify), NA = None

White Copy - Original; Yellow Copy - Client

COMPANY: **EARTHCON** ADDRESS: **1880 LO CONT BLVD, Bldg 100, STE 100, Marietta, GA 30062**

PHONE: **770-4173-2100** FAX: _____

SAMPLED BY: **Kristen Rivers** SIGNATURE: *Kristen Rivers*

#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)	ANALYSIS REQUESTED	REMARKS	No # of Containers
		DATE	TIME							
1	DINSC 602	7/2/14	12:35		X	W		TCL Pect		1
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

RELINQUISHED BY: **Kristen Rivers** DATE/TIME: **7/2/14 12:27**

RECEIVED BY: **1** DATE/TIME: **7/2/14 12:27**

PROJECT NAME: **PROXYHAVEN**

PROJECT # : **02-20140272**

SITE ADDRESS: **2100 Apple Valley Rd Atlanta, GA 30319**

SEND REPORT TO: **Kristen Rivers**

INVOICE TO: _____

QUOTE # : _____

SHIPMENT METHOD: **OUT** VIA **COURIER**

STATE PROGRAM (if any): _____

DATA PACKAGE: **I II III IV**

TURNAROUND TIME REQUEST: **Standard 5 Business Days**

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 GIV = Groundwater SE = Sediment SO = Soil SV = 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 SMI+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original, Yellow Copy - Client

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-50-0-1'

Project: Brookhaven

Collection Date: 7/2/2014 8:58:00 AM

Lab ID: 1407195-001

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	97000	7500		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
4,4'-DDE	BRL	7500		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
4,4'-DDT	210000	15000		ug/Kg-dry	193366	4000	7/15/2014 5:27 PM
Aldrin	BRL	3800		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
alpha-BHC	BRL	3800		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
alpha-Chlordane	BRL	3800		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
beta-BHC	BRL	3800		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
Chlordane	140000	75000		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
delta-BHC	BRL	3800		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
Dieldrin	BRL	7500		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
Endosulfan I	BRL	3800		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
Endosulfan II	BRL	7500		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
Endosulfan sulfate	BRL	7500		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
Endrin	BRL	7500		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
Endrin aldehyde	BRL	7500		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
Endrin ketone	BRL	7500		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
gamma-BHC	BRL	3800		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
gamma-Chlordane	BRL	3800		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
Heptachlor	BRL	3800		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
Heptachlor epoxide	BRL	3800		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
Methoxychlor	BRL	38000		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
Toxaphene	BRL	380000		ug/Kg-dry	193366	2000	7/15/2014 4:54 PM
Surr: Decachlorobiphenyl	0	25.2-120	S	%REC	193366	2000	7/15/2014 4:54 PM
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193366	2000	7/15/2014 4:54 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	11.4	0		wt%		1	7/10/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-49-0-2'

Project: Brookhaven

Collection Date: 7/2/2014 9:05:00 AM

Lab ID: 1407195-002

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	BRL	38		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
4,4'-DDE	53	38		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
4,4'-DDT	85	38		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
Aldrin	BRL	19		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
alpha-BHC	BRL	19		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
alpha-Chlordane	BRL	19		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
beta-BHC	BRL	19		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
Chlordane	1400	380		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
delta-BHC	BRL	19		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
Dieldrin	160	38		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
Endosulfan I	BRL	19		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
Endosulfan II	BRL	38		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
Endosulfan sulfate	BRL	38		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
Endrin	BRL	38		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
Endrin aldehyde	BRL	38		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
Endrin ketone	BRL	38		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
gamma-BHC	BRL	19		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
gamma-Chlordane	BRL	19		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
Heptachlor	BRL	19		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
Heptachlor epoxide	56	19		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
Methoxychlor	BRL	190		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
Toxaphene	BRL	1900		ug/Kg-dry	193366	10	7/15/2014 2:33 PM
Surr: Decachlorobiphenyl	58.7	25.2-120		%REC	193366	10	7/15/2014 2:33 PM
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193366	10	7/15/2014 2:33 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	11.8	0		wt%		1	7/10/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.
Project: Brookhaven
Lab ID: 1407195-003

Client Sample ID: SB-49-2-4'
Collection Date: 7/2/2014 9:05:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	BRL	38		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
4,4'-DDE	94	38		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
4,4'-DDT	66	38		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
Aldrin	BRL	19		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
alpha-BHC	BRL	19		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
alpha-Chlordane	BRL	19		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
beta-BHC	BRL	19		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
Chlordane	1500	380		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
delta-BHC	BRL	19		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
Dieldrin	210	38		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
Endosulfan I	BRL	19		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
Endosulfan II	BRL	38		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
Endosulfan sulfate	BRL	38		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
Endrin	BRL	38		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
Endrin aldehyde	BRL	38		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
Endrin ketone	BRL	38		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
gamma-BHC	BRL	19		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
gamma-Chlordane	BRL	19		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
Heptachlor	BRL	19		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
Heptachlor epoxide	87	19		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
Methoxychlor	BRL	190		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
Toxaphene	BRL	1900		ug/Kg-dry	193366	10	7/15/2014 4:10 PM
Surr: Decachlorobiphenyl	59.9	25.2-120		%REC	193366	10	7/15/2014 4:10 PM
Surr: Tetrachloro-m-xylene	9.72	30.5-120	S	%REC	193366	10	7/15/2014 4:10 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	11.8	0		wt%		1	7/10/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-48-0-2'

Project: Brookhaven

Collection Date: 7/2/2014 9:13:00 AM

Lab ID: 1407195-004

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	BRL	7.3		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
4,4'-DDE	7.3	7.3		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
4,4'-DDT	BRL	7.3		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
Aldrin	BRL	3.6		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
alpha-BHC	BRL	3.6		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
alpha-Chlordane	BRL	3.6		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
beta-BHC	BRL	3.6		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
Chlordane	560	73		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
delta-BHC	BRL	3.6		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
Dieldrin	17	7.3		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
Endosulfan I	BRL	3.6		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
Endosulfan II	BRL	7.3		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
Endosulfan sulfate	BRL	7.3		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
Endrin	BRL	7.3		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
Endrin aldehyde	BRL	7.3		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
Endrin ketone	BRL	7.3		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
gamma-BHC	BRL	3.6		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
gamma-Chlordane	BRL	3.6		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
Heptachlor	BRL	3.6		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
Heptachlor epoxide	25	3.6		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
Methoxychlor	BRL	36		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
Toxaphene	BRL	360		ug/Kg-dry	193366	2	7/15/2014 4:21 PM
Surr: Decachlorobiphenyl	52.2	25.2-120		%REC	193366	2	7/15/2014 4:21 PM
Surr: Tetrachloro-m-xylene	42.5	30.5-120		%REC	193366	2	7/15/2014 4:21 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	8.26	0		wt%		1	7/10/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-46-0-2'

Project: Brookhaven

Collection Date: 7/2/2014 9:21:00 AM

Lab ID: 1407195-005

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	BRL	7.6		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
4,4'-DDE	BRL	7.6		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
4,4'-DDT	BRL	7.6		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
Aldrin	BRL	3.8		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
alpha-BHC	BRL	3.8		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
alpha-Chlordane	BRL	3.8		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
beta-BHC	BRL	3.8		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
Chlordane	91	76		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
delta-BHC	BRL	3.8		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
Dieldrin	BRL	7.6		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
Endosulfan I	BRL	3.8		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
Endosulfan II	BRL	7.6		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
Endosulfan sulfate	BRL	7.6		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
Endrin	BRL	7.6		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
Endrin aldehyde	BRL	7.6		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
Endrin ketone	BRL	7.6		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
gamma-BHC	BRL	3.8		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
gamma-Chlordane	BRL	3.8		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
Heptachlor	BRL	3.8		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
Heptachlor epoxide	BRL	3.8		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
Methoxychlor	BRL	38		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
Toxaphene	BRL	380		ug/Kg-dry	193366	2	7/15/2014 4:32 PM
Surr: Decachlorobiphenyl	59.3	25.2-120		%REC	193366	2	7/15/2014 4:32 PM
Surr: Tetrachloro-m-xylene	46.1	30.5-120		%REC	193366	2	7/15/2014 4:32 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	12.3	0		wt%		1	7/10/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-19-0-2'

Project: Brookhaven

Collection Date: 7/2/2014 9:46:00 AM

Lab ID: 1407195-006

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	BRL	37		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
4,4'-DDE	BRL	37		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
4,4'-DDT	BRL	37		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
Aldrin	BRL	18		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
alpha-BHC	BRL	18		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
alpha-Chlordane	BRL	18		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
beta-BHC	BRL	18		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
Chlordane	690	370		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
delta-BHC	BRL	18		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
Dieldrin	44	37		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
Endosulfan I	BRL	18		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
Endosulfan II	BRL	37		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
Endosulfan sulfate	BRL	37		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
Endrin	BRL	37		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
Endrin aldehyde	BRL	37		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
Endrin ketone	BRL	37		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
gamma-BHC	BRL	18		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
gamma-Chlordane	BRL	18		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
Heptachlor	BRL	18		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
Heptachlor epoxide	27	18		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
Methoxychlor	BRL	180		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
Toxaphene	BRL	1800		ug/Kg-dry	193366	10	7/15/2014 4:43 PM
Surr: Decachlorobiphenyl	64.6	25.2-120		%REC	193366	10	7/15/2014 4:43 PM
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193366	10	7/15/2014 4:43 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	9.41	0		wt%		1	7/10/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-17-0-2'

Project: Brookhaven

Collection Date: 7/2/2014 9:52:00 AM

Lab ID: 1407195-007

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
4,4'-DDE	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
4,4'-DDT	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
Aldrin	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
alpha-BHC	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
alpha-Chlordane	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
beta-BHC	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
Chlordane	BRL	35		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
delta-BHC	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
Dieldrin	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
Endosulfan I	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
Endosulfan II	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
Endosulfan sulfate	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
Endrin	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
Endrin aldehyde	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
Endrin ketone	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
gamma-BHC	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
gamma-Chlordane	2.5	1.8		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
Heptachlor	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
Heptachlor epoxide	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
Methoxychlor	BRL	18		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
Toxaphene	BRL	180		ug/Kg-dry	193366	1	7/15/2014 1:49 PM
Surr: Decachlorobiphenyl	82.7	25.2-120		%REC	193366	1	7/15/2014 1:49 PM
Surr: Tetrachloro-m-xylene	53.5	30.5-120		%REC	193366	1	7/15/2014 1:49 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	5.41	0		wt%		1	7/10/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-17-2-4'

Project: Brookhaven

Collection Date: 7/2/2014 9:52:00 AM

Lab ID: 1407195-008

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
4,4'-DDE	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
4,4'-DDT	16	3.5		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
Aldrin	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
alpha-BHC	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
alpha-Chlordane	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
beta-BHC	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
Chlordane	BRL	35		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
delta-BHC	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
Dieldrin	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
Endosulfan I	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
Endosulfan II	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
Endosulfan sulfate	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
Endrin	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
Endrin aldehyde	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
Endrin ketone	BRL	3.5		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
gamma-BHC	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
gamma-Chlordane	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
Heptachlor	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
Heptachlor epoxide	BRL	1.8		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
Methoxychlor	BRL	18		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
Toxaphene	BRL	180		ug/Kg-dry	193366	1	7/15/2014 2:00 PM
Surr: Decachlorobiphenyl	72.1	25.2-120		%REC	193366	1	7/15/2014 2:00 PM
Surr: Tetrachloro-m-xylene	54.9	30.5-120		%REC	193366	1	7/15/2014 2:00 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	5.81	0		wt%		1	7/10/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-20-0-2'

Project: Brookhaven

Collection Date: 7/2/2014 10:12:00 AM

Lab ID: 1407195-009

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	BRL	360		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
4,4'-DDE	BRL	360		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
4,4'-DDT	BRL	360		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
Aldrin	BRL	180		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
alpha-BHC	BRL	180		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
alpha-Chlordane	BRL	180		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
beta-BHC	BRL	180		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
Chlordane	27000	3600		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
delta-BHC	BRL	180		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
Dieldrin	BRL	360		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
Endosulfan I	BRL	180		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
Endosulfan II	BRL	360		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
Endosulfan sulfate	BRL	360		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
Endrin	BRL	360		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
Endrin aldehyde	BRL	360		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
Endrin ketone	BRL	360		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
gamma-BHC	BRL	180		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
gamma-Chlordane	BRL	180		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
Heptachlor	800	180		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
Heptachlor epoxide	BRL	180		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
Methoxychlor	BRL	1800		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
Toxaphene	BRL	18000		ug/Kg-dry	193366	100	7/15/2014 2:11 PM
Surr: Decachlorobiphenyl	0	25.2-120	S	%REC	193366	100	7/15/2014 2:11 PM
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193366	100	7/15/2014 2:11 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	8.47	0		wt%		1	7/10/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-24-0-2'

Project: Brookhaven

Collection Date: 7/2/2014 10:21:00 AM

Lab ID: 1407195-010

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	BRL	77		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
4,4'-DDE	BRL	77		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
4,4'-DDT	BRL	77		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
Aldrin	BRL	39		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
alpha-BHC	BRL	39		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
alpha-Chlordane	BRL	39		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
beta-BHC	BRL	39		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
Chlordane	13000	1900		ug/Kg-dry	193366	50	7/18/2014 12:11 PM
delta-BHC	BRL	39		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
Dieldrin	150	77		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
Endosulfan I	BRL	39		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
Endosulfan II	BRL	77		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
Endosulfan sulfate	BRL	77		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
Endrin	BRL	77		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
Endrin aldehyde	BRL	77		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
Endrin ketone	BRL	77		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
gamma-BHC	BRL	39		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
gamma-Chlordane	BRL	39		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
Heptachlor	77	39		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
Heptachlor epoxide	BRL	39		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
Methoxychlor	BRL	390		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
Toxaphene	BRL	3900		ug/Kg-dry	193366	20	7/15/2014 2:22 PM
Surr: Decachlorobiphenyl	47.3	25.2-120		%REC	193366	20	7/15/2014 2:22 PM
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193366	20	7/15/2014 2:22 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	13.5	0		wt%		1	7/10/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-24-2-4'

Project: Brookhaven

Collection Date: 7/2/2014 10:27:00 AM

Lab ID: 1407195-011

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	19000	3900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
4,4'-DDE	20000	3900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
4,4'-DDT	22000	3900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
Aldrin	BRL	1900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
alpha-BHC	BRL	1900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
alpha-Chlordane	BRL	1900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
beta-BHC	BRL	1900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
Chlordane	400000	390000		ug/Kg-dry	193366	10000	7/18/2014 12:22 PM
delta-BHC	BRL	1900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
Dieldrin	76000	3900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
Endosulfan I	BRL	1900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
Endosulfan II	BRL	3900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
Endosulfan sulfate	BRL	3900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
Endrin	BRL	3900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
Endrin aldehyde	BRL	3900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
Endrin ketone	BRL	3900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
gamma-BHC	BRL	1900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
gamma-Chlordane	BRL	1900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
Heptachlor	78000	1900	E	ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
Heptachlor epoxide	34000	1900		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
Methoxychlor	BRL	19000		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
Toxaphene	BRL	190000		ug/Kg-dry	193366	1000	7/15/2014 5:05 PM
Surr: Decachlorobiphenyl	0	25.2-120	S	%REC	193366	1000	7/15/2014 5:05 PM
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	193366	1000	7/15/2014 5:05 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	14.0	0		wt%		1	7/10/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.
Project: Brookhaven
Lab ID: 1407195-012

Client Sample ID: SB-60-0-6"
Collection Date: 7/2/2014 10:46:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	BRL	72		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
4,4'-DDE	250	72		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
4,4'-DDT	330	72		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
Aldrin	BRL	36		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
alpha-BHC	BRL	36		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
alpha-Chlordane	BRL	36		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
beta-BHC	BRL	36		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
Chlordane	6100	720		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
delta-BHC	BRL	36		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
Dieldrin	260	72		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
Endosulfan I	BRL	36		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
Endosulfan II	BRL	72		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
Endosulfan sulfate	BRL	72		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
Endrin	BRL	72		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
Endrin aldehyde	BRL	72		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
Endrin ketone	BRL	72		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
gamma-BHC	BRL	36		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
gamma-Chlordane	BRL	36		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
Heptachlor	BRL	36		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
Heptachlor epoxide	330	36		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
Methoxychlor	BRL	360		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
Toxaphene	BRL	3600		ug/Kg-dry	193366	20	7/15/2014 2:55 PM
Surr: Decachlorobiphenyl	704	25.2-120	S	%REC	193366	20	7/15/2014 2:55 PM
Surr: Tetrachloro-m-xylene	405	30.5-120	S	%REC	193366	20	7/15/2014 2:55 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	7.04	0		wt%		1	7/10/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: SB-60-6-12"

Project: Brookhaven

Collection Date: 7/2/2014 10:48:00 AM

Lab ID: 1407195-013

Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	BRL	72		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
4,4'-DDE	220	72		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
4,4'-DDT	140	72		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
Aldrin	BRL	36		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
alpha-BHC	BRL	36		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
alpha-Chlordane	BRL	36		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
beta-BHC	BRL	36		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
Chlordane	5400	720		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
delta-BHC	BRL	36		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
Dieldrin	220	72		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
Endosulfan I	BRL	36		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
Endosulfan II	BRL	72		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
Endosulfan sulfate	BRL	72		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
Endrin	BRL	72		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
Endrin aldehyde	BRL	72		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
Endrin ketone	BRL	72		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
gamma-BHC	BRL	36		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
gamma-Chlordane	BRL	36		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
Heptachlor	BRL	36		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
Heptachlor epoxide	380	36		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
Methoxychlor	BRL	360		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
Toxaphene	BRL	3600		ug/Kg-dry	193366	20	7/15/2014 3:06 PM
Surr: Decachlorobiphenyl	539	25.2-120	S	%REC	193366	20	7/15/2014 3:06 PM
Surr: Tetrachloro-m-xylene	452	30.5-120	S	%REC	193366	20	7/15/2014 3:06 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	7.07	0		wt%		1	7/10/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.
Project: Brookhaven
Lab ID: 1407195-014

Client Sample ID: SB-47-0-1'
Collection Date: 7/2/2014 11:13:00 AM
Matrix: SOIL

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES SW8081B				(SW3550C)		Analyst: KDD	
4,4'-DDD	BRL	3.7		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
4,4'-DDE	16	3.7		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
4,4'-DDT	11	3.7		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
Aldrin	BRL	1.9		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
alpha-BHC	BRL	1.9		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
alpha-Chlordane	BRL	1.9		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
beta-BHC	BRL	1.9		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
Chlordane	780	370		ug/Kg-dry	193366	10	7/18/2014 12:44 PM
delta-BHC	BRL	1.9		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
Dieldrin	26	3.7		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
Endosulfan I	BRL	1.9		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
Endosulfan II	BRL	3.7		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
Endosulfan sulfate	BRL	3.7		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
Endrin	BRL	3.7		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
Endrin aldehyde	BRL	3.7		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
Endrin ketone	BRL	3.7		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
gamma-BHC	BRL	1.9		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
gamma-Chlordane	BRL	1.9		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
Heptachlor	BRL	1.9		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
Heptachlor epoxide	35	1.9		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
Methoxychlor	BRL	19		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
Toxaphene	BRL	190		ug/Kg-dry	193366	1	7/15/2014 3:18 PM
Surr: Decachlorobiphenyl	50.9	25.2-120		%REC	193366	1	7/15/2014 3:18 PM
Surr: Tetrachloro-m-xylene	43.3	30.5-120		%REC	193366	1	7/15/2014 3:18 PM
PERCENT MOISTURE D2216						Analyst: ERH	
Percent Moisture	10.7	0		wt%		1	7/10/2014 10:00 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 21-Jul-14

CLIENT: EarthCon Consultants, Inc.

Client Sample ID: RINSE 002

Project: Brookhaven

Collection Date: 7/2/2014 11:35:00 AM

Lab ID: 1407195-015

Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
CHLORINATED PESTICIDES, TCL	SW8081B				(SW3510C)		Analyst: RS
4,4'-DDD	BRL	0.10		ug/L	193327	1	7/11/2014 11:48 AM
4,4'-DDE	BRL	0.10		ug/L	193327	1	7/11/2014 11:48 AM
4,4'-DDT	BRL	0.10		ug/L	193327	1	7/11/2014 11:48 AM
Aldrin	BRL	0.050		ug/L	193327	1	7/11/2014 11:48 AM
alpha-BHC	BRL	0.050		ug/L	193327	1	7/11/2014 11:48 AM
alpha-Chlordane	BRL	0.050		ug/L	193327	1	7/11/2014 11:48 AM
beta-BHC	BRL	0.050		ug/L	193327	1	7/11/2014 11:48 AM
Chlordane	BRL	0.50		ug/L	193327	1	7/11/2014 11:48 AM
delta-BHC	BRL	0.050		ug/L	193327	1	7/11/2014 11:48 AM
Dieldrin	BRL	0.10		ug/L	193327	1	7/11/2014 11:48 AM
Endosulfan I	BRL	0.050		ug/L	193327	1	7/11/2014 11:48 AM
Endosulfan II	BRL	0.10		ug/L	193327	1	7/11/2014 11:48 AM
Endosulfan sulfate	BRL	0.10		ug/L	193327	1	7/11/2014 11:48 AM
Endrin	BRL	0.10		ug/L	193327	1	7/11/2014 11:48 AM
Endrin aldehyde	BRL	0.10		ug/L	193327	1	7/11/2014 11:48 AM
Endrin ketone	BRL	0.10		ug/L	193327	1	7/11/2014 11:48 AM
gamma-BHC	BRL	0.050		ug/L	193327	1	7/11/2014 11:48 AM
gamma-Chlordane	BRL	0.050		ug/L	193327	1	7/11/2014 11:48 AM
Heptachlor	BRL	0.050		ug/L	193327	1	7/11/2014 11:48 AM
Heptachlor epoxide	BRL	0.050		ug/L	193327	1	7/11/2014 11:48 AM
Methoxychlor	BRL	0.50		ug/L	193327	1	7/11/2014 11:48 AM
Oxychlordane	BRL	0.10	N	ug/L	193327	1	7/11/2014 11:48 AM
trans-Nonachlor	BRL	0.10	N	ug/L	193327	1	7/11/2014 11:48 AM
Surr: Decachlorobiphenyl	37.8	15-115		%REC	193327	1	7/11/2014 11:48 AM
Surr: Tetrachloro-m-xylene	70.7	15.1-115		%REC	193327	1	7/11/2014 11:48 AM

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		



September 09, 2014

Kristen Rivera
EarthCon Consultants, Inc.
1880 West Oak Parkway
Marietta GA 30062

TEL: (770) 973-2100
FAX: (770) 973-7395

RE: Brookhaven

Dear Kristen Rivera:

Order No: 1408N84

Analytical Environmental Services, Inc. received 20 samples on 8/27/2014 2:00:00 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.

Chantelle Kanhai
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: 1408184

Date: 08/27/14 Page 1 of 2

COMPANY: EARTHCON		ADDRESS: 1880 WEST OAK PKWY BLDG 100, STE 100 MARIETTA, GA 30062					ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers								
PHONE: 770-973-2100 X 2860		FAX: 770-973-7395					TOL PEST																				
SAMPLED BY: KRISTEN RIVERA		SIGNATURE: Kristen Rivera					PRESERVATION (See codes)										REMARKS										
#	SAMPLE ID	SAMPLED		Crab	Composite	Matrix (See codes)	NA										REMARKS										
		DATE	TIME																								
1	SB-61-3.5'	08/27/14	0850		X	00																					
2	SB-61-4'		0853		X																						
3	SB-61-5'		0856		X																						
4	SB-62-4'		0919		X																						
5	SB-62-4.5'		0920		X																						
6	SB-62-5-6'		0925		X																						
7	SB-62-6-7'		0927		X																						
8	SB-63-0-2'		1140		X																						
9	SB-63-4-5'		1147		X																						
10	SB-63-9.5-11'		1147		X																						
11	SB-64-1-2'		0944		X																						
12	SB-64-2-3'		0949		X																						
13	SB-64-3.5'		0950		X																						
14	SB-64-4-5'		1019		X																						

RELINQUISHED BY: Kristen Rivera		DATE/TIME: 8/27/14 1400	RECEIVED BY: [Signature]	DATE/TIME: 8/27/14 2:00	PROJECT INFORMATION				RECEIPT	
					PROJECT NAME: BROOKHAVEN				Total # of Containers: 14	
					PROJECT #: 02.20140272				<input checked="" type="radio"/> Turnaround Time Request <input type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req.) <input type="radio"/> Other	
					SITE ADDRESS: PARK AVENUE ATLANTA, BROOKHAVEN, GA					
					SEND REPORT TO: KRISTEN RIVERA					
SPECIAL INSTRUCTIONS/COMMENTS:					INVOICE TO: (IF DIFFERENT FROM ABOVE)				STATE PROGRAM (if any):	
					SHIPMENT METHOD				QUOTE #:	
OUT		IN		VIA:		VIA:		E-mail? Y/N; Fax? Y/N		
CLIENT		FedEx		UPS		MAIL		DATA PACKAGE: I II III IV		
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



COMPANY: EARTH CON		ADDRESS: 1880 West Oak Pkwy Bldg 100, Ste 106 MARIETTA, GA 30062					ANALYSIS REQUESTED										Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers
PHONE: 770-973-2100 X 2860		FAX: 770-973-7395					TOL PEST TOL PEST HOLD TOL PEST												
SAMPLED BY: KRISTEN RIVERA		SIGNATURE: <i>Kristen Rivera</i>					PRESERVATION (See codes)										REMARKS		
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	NA	NA	NA										
		DATE	TIME																
1	SB-63-14-15'	8/27/14	1150		X	SO	X											1	
2	SB-64-5-6'		1023				X											1	
3	SB-65-2.5-3.5'		1035				X											1	
4	SB-65-4-5'		1036				X											1	
5	SB-66-1-2.5'		1046				X											1	
6	SB-66-3.5-4.5'		1049				X											1	
7	RINSTATE 082714		1215	X		W		X										1	
8																			
9																			
10																			
11																			
12																			
13																			
14																			
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION										RECEIPT	
1: <i>Kristen Rivera</i>		08/27/14 1:00		1: <i>Mary K. Sterling</i>		2:00		PROJECT NAME: BROOKHAVEN										Total # of Containers: 7	
2:				2:				PROJECT #: 02, 2014 0272										Turnaround Time Request	
3:				3:				SITE ADDRESS: PARK AVENUE ATLANTA (BROOKHAVEN), GA										<input checked="" type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req.) <input type="radio"/> Other	
SEND REPORT TO: <i>Kristen Rivera</i>								INVOICE TO: (IF DIFFERENT FROM ABOVE)										STATE PROGRAM (if any):	
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				QUOTE #:										E-mail? Y/N; Fax? Y/N	
				OUT / / VIA:				PO#:										DATA PACKAGE: I II III IV	
				IN <i>Di</i> 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) WIV = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice SA(M)+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

Client: EarthCon Consultants, Inc.

Project: Brookhaven

Lab ID: 1408N84

Case Narrative

Pesticide Analysis by Method 8081B:

Due to sample matrix, sample 1408N84-001, -002, -003, -007, 008, -009, -011, -012, -013, -014, -016, -017 and -019 required dilution during preparation and/or analysis resulting in elevated reporting limits.

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-61-3.5'
Project Name: Brookhaven	Collection Date: 8/27/2014 8:50:00 AM
Lab ID: 1408N84-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	38	N	ug/Kg-dry	195543	10	09/04/2014 14:51	RS
2,4-DDE	BRL	38	N	ug/Kg-dry	195543	10	09/04/2014 14:51	RS
2,4-DDT	BRL	38	N	ug/Kg-dry	195543	10	09/04/2014 14:51	RS
4,4'-DDD	BRL	38		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
4,4'-DDE	BRL	38		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
4,4'-DDT	BRL	38		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Aldrin	BRL	19		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
alpha-BHC	BRL	19		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
alpha-Chlordane	BRL	19		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
beta-BHC	BRL	19		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Chlordane	2800	380		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Chlorpyrifos	BRL	38	N	ug/Kg-dry	195543	10	09/04/2014 14:51	RS
cis-Chlordane	BRL	19		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
cis-Nonachlor	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 14:51	RS
delta-BHC	BRL	19		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Dieldrin	58	38		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Endosulfan I	BRL	19		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Endosulfan II	BRL	38		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Endosulfan sulfate	BRL	38		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Endrin	BRL	38		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Endrin aldehyde	BRL	38		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Endrin ketone	BRL	38		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
gamma-BHC	BRL	19		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
gamma-Chlordane	BRL	19		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Heptachlor	BRL	19		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Heptachlor epoxide	63	19		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Hexachlorobenzene	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Methoxychlor	BRL	190		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Mirex	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Oxychlordane	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Toxaphene	BRL	1900		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
trans-Chlordane	BRL	19		ug/Kg-dry	195543	10	09/04/2014 14:51	RS
trans-Nonachlor	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 14:51	RS
Surr: Decachlorobiphenyl	97.1	25.2-120		%REC	195543	10	09/04/2014 14:51	RS
Surr: Tetrachloro-m-xylene	48	30.5-120		%REC	195543	10	09/04/2014 14:51	RS
PERCENT MOISTURE D2216								
Percent Moisture	11.9	0		wt%	R274871	1	09/02/2014 10:00	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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-61-4'
Project Name: Brookhaven	Collection Date: 8/27/2014 8:53:00 AM
Lab ID: 1408N84-002	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	37	N	ug/Kg-dry	195543	10	09/04/2014 15:02	RS
2,4-DDE	BRL	37	N	ug/Kg-dry	195543	10	09/04/2014 15:02	RS
2,4-DDT	BRL	37	N	ug/Kg-dry	195543	10	09/04/2014 15:02	RS
4,4'-DDD	BRL	37		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
4,4'-DDE	BRL	37		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
4,4'-DDT	BRL	37		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Aldrin	BRL	19		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
alpha-BHC	BRL	19		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
alpha-Chlordane	BRL	38		ug/Kg-dry	195543	20	09/04/2014 19:22	RS
beta-BHC	BRL	19		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Chlordane	3900	750		ug/Kg-dry	195543	20	09/04/2014 19:22	RS
Chlorpyrifos	BRL	37	N	ug/Kg-dry	195543	10	09/04/2014 15:02	RS
cis-Chlordane	BRL	19		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
cis-Nonachlor	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 15:02	RS
delta-BHC	BRL	19		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Dieldrin	59	37		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Endosulfan I	BRL	19		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Endosulfan II	BRL	37		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Endosulfan sulfate	BRL	37		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Endrin	70	37		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Endrin aldehyde	BRL	37		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Endrin ketone	BRL	37		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
gamma-BHC	BRL	19		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
gamma-Chlordane	BRL	19		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Heptachlor	BRL	19		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Heptachlor epoxide	89	19		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Hexachlorobenzene	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Methoxychlor	BRL	190		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Mirex	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Oxychlordane	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Toxaphene	BRL	1900		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
trans-Chlordane	BRL	19		ug/Kg-dry	195543	10	09/04/2014 15:02	RS
trans-Nonachlor	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 15:02	RS
Surr: Decachlorobiphenyl	101	25.2-120		%REC	195543	10	09/04/2014 15:02	RS
Surr: Tetrachloro-m-xylene	50.9	30.5-120		%REC	195543	10	09/04/2014 15:02	RS

PERCENT MOISTURE D2216

Percent Moisture	11.0	0		wt%	R274871	1	09/02/2014 10:00	SG
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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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-61-5'
Project Name: Brookhaven	Collection Date: 8/27/2014 8:56:00 AM
Lab ID: 1408N84-003	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	750	N	ug/Kg-dry	195543	200	09/04/2014 14:40	RS
2,4-DDE	BRL	750	N	ug/Kg-dry	195543	200	09/04/2014 14:40	RS
2,4-DDT	BRL	750	N	ug/Kg-dry	195543	200	09/04/2014 14:40	RS
4,4'-DDD	BRL	750		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
4,4'-DDE	BRL	750		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
4,4'-DDT	BRL	750		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Aldrin	BRL	370		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
alpha-BHC	BRL	370		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
alpha-Chlordane	BRL	19000		ug/Kg-dry	195543	10000	09/04/2014 18:05	RS
beta-BHC	BRL	370		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Chlordane	1200000	370000		ug/Kg-dry	195543	10000	09/04/2014 18:05	RS
Chlorpyrifos	BRL	750	N	ug/Kg-dry	195543	200	09/04/2014 14:40	RS
cis-Chlordane	BRL	370		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
cis-Nonachlor	BRL	370	N	ug/Kg-dry	195543	200	09/04/2014 14:40	RS
delta-BHC	BRL	370		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Dieldrin	11000	750		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Endosulfan I	BRL	370		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Endosulfan II	BRL	750		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Endosulfan sulfate	BRL	750		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Endrin	BRL	750		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Endrin aldehyde	BRL	750		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Endrin ketone	BRL	750		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
gamma-BHC	BRL	370		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
gamma-Chlordane	BRL	19000		ug/Kg-dry	195543	10000	09/04/2014 18:05	RS
Heptachlor	BRL	1900		ug/Kg-dry	195543	1000	09/04/2014 15:13	RS
Heptachlor epoxide	BRL	370		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Hexachlorobenzene	BRL	370	N	ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Methoxychlor	BRL	3700		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Mirex	BRL	370	N	ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Oxychlordane	BRL	370	N	ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Toxaphene	BRL	37000		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
trans-Chlordane	BRL	370		ug/Kg-dry	195543	200	09/04/2014 14:40	RS
trans-Nonachlor	BRL	370	N	ug/Kg-dry	195543	200	09/04/2014 14:40	RS
Surr: Decachlorobiphenyl	1990	25.2-120	S	%REC	195543	200	09/04/2014 14:40	RS
Surr: Tetrachloro-m-xylene	166	30.5-120	S	%REC	195543	200	09/04/2014 14:40	RS
PERCENT MOISTURE D2216								
Percent Moisture	10.9	0		wt%	R274871	1	09/02/2014 10:00	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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-62-4'
Project Name: Brookhaven	Collection Date: 8/27/2014 9:19:00 AM
Lab ID: 1408N84-004	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	3.9	N	ug/Kg-dry	195543	1	09/02/2014 23:49	RS
2,4-DDE	BRL	3.9	N	ug/Kg-dry	195543	1	09/02/2014 23:49	RS
2,4-DDT	BRL	3.9	N	ug/Kg-dry	195543	1	09/02/2014 23:49	RS
4,4'-DDD	BRL	3.9		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
4,4'-DDE	BRL	3.9		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
4,4'-DDT	BRL	3.9		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Aldrin	BRL	2.0		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
alpha-Chlordane	BRL	3.9		ug/Kg-dry	195543	2	09/04/2014 19:33	RS
beta-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Chlordane	380	78		ug/Kg-dry	195543	2	09/04/2014 19:33	RS
Chlorpyrifos	BRL	3.9	N	ug/Kg-dry	195543	1	09/02/2014 23:49	RS
cis-Chlordane	BRL	2.0		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
cis-Nonachlor	BRL	2.0	N	ug/Kg-dry	195543	1	09/02/2014 23:49	RS
delta-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Dieldrin	11	3.9		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Endrin	BRL	3.9		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
gamma-Chlordane	BRL	2.0		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Heptachlor	BRL	2.0		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Heptachlor epoxide	9.8	2.0		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Hexachlorobenzene	BRL	2.0	N	ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Methoxychlor	BRL	20		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Mirex	BRL	2.0	N	ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Oxychlordane	BRL	2.0	N	ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Toxaphene	BRL	200		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
trans-Chlordane	BRL	2.0		ug/Kg-dry	195543	1	09/02/2014 23:49	RS
trans-Nonachlor	BRL	2.0	N	ug/Kg-dry	195543	1	09/02/2014 23:49	RS
Surr: Decachlorobiphenyl	80.6	25.2-120		%REC	195543	1	09/02/2014 23:49	RS
Surr: Tetrachloro-m-xylene	73	30.5-120		%REC	195543	1	09/02/2014 23:49	RS

PERCENT MOISTURE D2216

Percent Moisture	15.0	0		wt%	R274871	1	09/02/2014 10:00	SG
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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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-62-4.5'
Project Name: Brookhaven	Collection Date: 8/27/2014 9:20:00 AM
Lab ID: 1408N84-005	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	3.9	N	ug/Kg-dry	195543	1	09/03/2014 00:00	RS
2,4-DDE	BRL	3.9	N	ug/Kg-dry	195543	1	09/03/2014 00:00	RS
2,4-DDT	BRL	3.9	N	ug/Kg-dry	195543	1	09/03/2014 00:00	RS
4,4'-DDD	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
4,4'-DDE	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
4,4'-DDT	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Aldrin	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
alpha-Chlordane	BRL	3.9		ug/Kg-dry	195543	2	09/04/2014 19:44	RS
beta-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Chlordane	480	78		ug/Kg-dry	195543	2	09/04/2014 19:44	RS
Chlorpyrifos	BRL	3.9	N	ug/Kg-dry	195543	1	09/03/2014 00:00	RS
cis-Chlordane	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
cis-Nonachlor	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:00	RS
delta-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Dieldrin	14	3.9		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Endrin	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
gamma-Chlordane	BRL	3.9		ug/Kg-dry	195543	2	09/04/2014 19:44	RS
Heptachlor	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Heptachlor epoxide	11	2.0		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Hexachlorobenzene	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Methoxychlor	BRL	20		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Mirex	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Oxychlordane	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Toxaphene	BRL	200		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
trans-Chlordane	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:00	RS
trans-Nonachlor	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:00	RS
Surr: Decachlorobiphenyl	78.5	25.2-120		%REC	195543	1	09/03/2014 00:00	RS
Surr: Tetrachloro-m-xylene	79	30.5-120		%REC	195543	1	09/03/2014 00:00	RS
PERCENT MOISTURE D2216								
Percent Moisture	14.8	0		wt%	R274871	1	09/02/2014 10:00	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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-62-5-6'
Project Name: Brookhaven	Collection Date: 8/27/2014 9:25:00 AM
Lab ID: 1408N84-006	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	3.9	N	ug/Kg-dry	195543	1	09/03/2014 00:12	RS
2,4-DDE	BRL	3.9	N	ug/Kg-dry	195543	1	09/03/2014 00:12	RS
2,4-DDT	BRL	3.9	N	ug/Kg-dry	195543	1	09/03/2014 00:12	RS
4,4'-DDD	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
4,4'-DDE	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
4,4'-DDT	5.0	3.9		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Aldrin	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
alpha-Chlordane	BRL	3.9		ug/Kg-dry	195543	2	09/04/2014 15:51	RS
beta-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Chlordane	520	78		ug/Kg-dry	195543	2	09/04/2014 15:51	RS
Chlorpyrifos	BRL	3.9	N	ug/Kg-dry	195543	1	09/03/2014 00:12	RS
cis-Chlordane	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
cis-Nonachlor	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:12	RS
delta-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Dieldrin	11	3.9		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Endrin	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
gamma-Chlordane	BRL	3.9		ug/Kg-dry	195543	2	09/04/2014 15:51	RS
Heptachlor	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Heptachlor epoxide	9.9	2.0		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Hexachlorobenzene	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Methoxychlor	BRL	20		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Mirex	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Oxychlordane	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Toxaphene	BRL	200		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
trans-Chlordane	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:12	RS
trans-Nonachlor	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:12	RS
Surr: Decachlorobiphenyl	79	25.2-120		%REC	195543	1	09/03/2014 00:12	RS
Surr: Tetrachloro-m-xylene	75.3	30.5-120		%REC	195543	1	09/03/2014 00:12	RS

PERCENT MOISTURE D2216

Percent Moisture	14.5	0		wt%	R274871	1	09/02/2014 10:00	SG
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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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-62-6-7'
Project Name: Brookhaven	Collection Date: 8/27/2014 9:27:00 AM
Lab ID: 1408N84-007	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	3.9	N	ug/Kg-dry	195543	1	09/03/2014 00:23	RS
2,4-DDE	BRL	3.9	N	ug/Kg-dry	195543	1	09/03/2014 00:23	RS
2,4-DDT	BRL	3.9	N	ug/Kg-dry	195543	1	09/03/2014 00:23	RS
4,4'-DDD	28	3.9		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
4,4'-DDE	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
4,4'-DDT	5.2	3.9		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Aldrin	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
alpha-Chlordane	BRL	20		ug/Kg-dry	195543	10	09/04/2014 16:36	RS
beta-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Chlordane	1500	390		ug/Kg-dry	195543	10	09/04/2014 16:36	RS
Chlorpyrifos	BRL	3.9	N	ug/Kg-dry	195543	1	09/03/2014 00:23	RS
cis-Chlordane	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
cis-Nonachlor	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:23	RS
delta-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Dieldrin	37	3.9		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Endosulfan II	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Endosulfan sulfate	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Endrin	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Endrin aldehyde	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Endrin ketone	BRL	3.9		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
gamma-Chlordane	BRL	20		ug/Kg-dry	195543	10	09/04/2014 16:36	RS
Heptachlor	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Heptachlor epoxide	32	2.0		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Hexachlorobenzene	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Methoxychlor	BRL	20		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Mirex	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Oxychlordane	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Toxaphene	BRL	200		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
trans-Chlordane	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:23	RS
trans-Nonachlor	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:23	RS
Surr: Decachlorobiphenyl	80.7	25.2-120		%REC	195543	1	09/03/2014 00:23	RS
Surr: Tetrachloro-m-xylene	78.3	30.5-120		%REC	195543	1	09/03/2014 00:23	RS

PERCENT MOISTURE D2216

Percent Moisture	14.4	0		wt%	R274871	1	09/02/2014 10:00	SG
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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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-63-0-2'
Project Name: Brookhaven	Collection Date: 8/27/2014 11:40:00 AM
Lab ID: 1408N84-008	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	360	N	ug/Kg-dry	195543	100	09/04/2014 13:44	RS
2,4-DDE	BRL	360	N	ug/Kg-dry	195543	100	09/04/2014 13:44	RS
2,4-DDT	BRL	360	N	ug/Kg-dry	195543	100	09/04/2014 13:44	RS
4,4'-DDD	BRL	360		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
4,4'-DDE	390	360		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
4,4'-DDT	1300	360		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Aldrin	BRL	180		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
alpha-BHC	BRL	180		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
alpha-Chlordane	BRL	180		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
beta-BHC	BRL	180		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Chlordane	20000	3600		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Chlorpyrifos	BRL	360	N	ug/Kg-dry	195543	100	09/04/2014 13:44	RS
cis-Chlordane	BRL	180		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
cis-Nonachlor	BRL	180	N	ug/Kg-dry	195543	100	09/04/2014 13:44	RS
delta-BHC	BRL	180		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Dieldrin	510	360		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Endosulfan I	BRL	180		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Endosulfan II	BRL	360		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Endosulfan sulfate	BRL	360		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Endrin	BRL	360		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Endrin aldehyde	BRL	360		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Endrin ketone	BRL	360		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
gamma-BHC	BRL	180		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
gamma-Chlordane	BRL	180		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Heptachlor	BRL	180		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Heptachlor epoxide	650	180		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Hexachlorobenzene	BRL	180	N	ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Methoxychlor	BRL	1800		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Mirex	BRL	180	N	ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Oxychlordane	BRL	180	N	ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Toxaphene	BRL	18000		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
trans-Chlordane	BRL	180		ug/Kg-dry	195543	100	09/04/2014 13:44	RS
trans-Nonachlor	BRL	180	N	ug/Kg-dry	195543	100	09/04/2014 13:44	RS
Surr: Decachlorobiphenyl	130	25.2-120	S	%REC	195543	100	09/04/2014 13:44	RS
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	195543	100	09/04/2014 13:44	RS

PERCENT MOISTURE D2216

Percent Moisture	8.35	0		wt%	R274871	1	09/02/2014 10:00	SG
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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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-63-4-5'
Project Name: Brookhaven	Collection Date: 8/27/2014 11:47:00 AM
Lab ID: 1408N84-009	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	37	N	ug/Kg-dry	195543	10	09/04/2014 16:47	RS
2,4-DDE	BRL	37	N	ug/Kg-dry	195543	10	09/04/2014 16:47	RS
2,4-DDT	BRL	37	N	ug/Kg-dry	195543	10	09/04/2014 16:47	RS
4,4'-DDD	BRL	37		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
4,4'-DDE	BRL	37		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
4,4'-DDT	52	37		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Aldrin	BRL	19		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
alpha-BHC	BRL	19		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
alpha-Chlordane	BRL	93		ug/Kg-dry	195543	50	09/04/2014 19:55	RS
beta-BHC	BRL	19		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Chlordane	9600	1900		ug/Kg-dry	195543	50	09/04/2014 19:55	RS
Chlorpyrifos	BRL	37	N	ug/Kg-dry	195543	10	09/04/2014 16:47	RS
cis-Chlordane	BRL	19		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
cis-Nonachlor	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 16:47	RS
delta-BHC	BRL	19		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Dieldrin	150	37		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Endosulfan I	BRL	19		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Endosulfan II	BRL	37		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Endosulfan sulfate	BRL	37		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Endrin	BRL	37		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Endrin aldehyde	BRL	37		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Endrin ketone	BRL	37		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
gamma-BHC	BRL	19		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
gamma-Chlordane	BRL	93		ug/Kg-dry	195543	50	09/04/2014 19:55	RS
Heptachlor	BRL	19		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Heptachlor epoxide	250	19		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Hexachlorobenzene	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Methoxychlor	BRL	190		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Mirex	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Oxychlordane	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Toxaphene	BRL	1900		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
trans-Chlordane	BRL	19		ug/Kg-dry	195543	10	09/04/2014 16:47	RS
trans-Nonachlor	BRL	19	N	ug/Kg-dry	195543	10	09/04/2014 16:47	RS
Surr: Decachlorobiphenyl	124	25.2-120	S	%REC	195543	10	09/04/2014 16:47	RS
Surr: Tetrachloro-m-xylene	50.2	30.5-120		%REC	195543	10	09/04/2014 16:47	RS
PERCENT MOISTURE D2216								
Percent Moisture	10.3	0		wt%	R274871	1	09/02/2014 10:00	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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-63-9.5-11'
Project Name: Brookhaven	Collection Date: 8/27/2014 11:47:00 AM
Lab ID: 1408N84-010	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	3.6	N	ug/Kg-dry	195543	1	09/03/2014 00:34	RS
2,4-DDE	BRL	3.6	N	ug/Kg-dry	195543	1	09/03/2014 00:34	RS
2,4-DDT	BRL	3.6	N	ug/Kg-dry	195543	1	09/03/2014 00:34	RS
4,4'-DDD	BRL	3.6		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
4,4'-DDE	BRL	3.6		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
4,4'-DDT	BRL	3.6		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Aldrin	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
alpha-BHC	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
alpha-Chlordane	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
beta-BHC	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Chlordane	81	36		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Chlorpyrifos	BRL	3.6	N	ug/Kg-dry	195543	1	09/03/2014 00:34	RS
cis-Chlordane	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
cis-Nonachlor	BRL	1.8	N	ug/Kg-dry	195543	1	09/03/2014 00:34	RS
delta-BHC	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Dieldrin	BRL	3.6		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Endosulfan I	2.9	1.8		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Endosulfan II	BRL	3.6		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Endosulfan sulfate	BRL	3.6		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Endrin	BRL	3.6		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Endrin aldehyde	BRL	3.6		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Endrin ketone	BRL	3.6		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
gamma-BHC	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
gamma-Chlordane	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Heptachlor	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Heptachlor epoxide	4.9	1.8		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Hexachlorobenzene	BRL	1.8	N	ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Methoxychlor	BRL	18		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Mirex	BRL	1.8	N	ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Oxychlordane	BRL	1.8	N	ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Toxaphene	BRL	180		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
trans-Chlordane	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 00:34	RS
trans-Nonachlor	BRL	1.8	N	ug/Kg-dry	195543	1	09/03/2014 00:34	RS
Surr: Decachlorobiphenyl	74.7	25.2-120		%REC	195543	1	09/03/2014 00:34	RS
Surr: Tetrachloro-m-xylene	73.1	30.5-120		%REC	195543	1	09/03/2014 00:34	RS

PERCENT MOISTURE D2216

Percent Moisture	6.71	0		wt%	R274871	1	09/02/2014 10:00	SG
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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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-64-1-2'
Project Name: Brookhaven	Collection Date: 8/27/2014 9:44:00 AM
Lab ID: 1408N84-011	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	7.4	N	ug/Kg-dry	195543	2	09/04/2014 16:58	RS
2,4-DDE	BRL	7.4	N	ug/Kg-dry	195543	2	09/04/2014 16:58	RS
2,4-DDT	BRL	7.4	N	ug/Kg-dry	195543	2	09/04/2014 16:58	RS
4,4'-DDD	BRL	7.4		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
4,4'-DDE	20	7.4		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
4,4'-DDT	25	7.4		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Aldrin	BRL	3.7		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
alpha-BHC	BRL	3.7		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
alpha-Chlordane	BRL	3.7		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
beta-BHC	BRL	3.7		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Chlordane	260	7.4		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Chlorpyrifos	BRL	7.4	N	ug/Kg-dry	195543	2	09/04/2014 16:58	RS
cis-Chlordane	BRL	3.7		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
cis-Nonachlor	BRL	3.7	N	ug/Kg-dry	195543	2	09/04/2014 16:58	RS
delta-BHC	BRL	3.7		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Dieldrin	25	7.4		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Endosulfan I	BRL	3.7		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Endosulfan II	BRL	7.4		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Endosulfan sulfate	BRL	7.4		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Endrin	BRL	7.4		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Endrin aldehyde	BRL	7.4		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Endrin ketone	BRL	7.4		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
gamma-BHC	BRL	3.7		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
gamma-Chlordane	BRL	3.7		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Heptachlor	BRL	3.7		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Heptachlor epoxide	20	3.7		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Hexachlorobenzene	BRL	3.7	N	ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Methoxychlor	BRL	37		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Mirex	BRL	3.7	N	ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Oxychlordane	BRL	3.7	N	ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Toxaphene	BRL	370		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
trans-Chlordane	BRL	3.7		ug/Kg-dry	195543	2	09/04/2014 16:58	RS
trans-Nonachlor	BRL	3.7	N	ug/Kg-dry	195543	2	09/04/2014 16:58	RS
Surr: Decachlorobiphenyl	75	25.2-120		%REC	195543	2	09/04/2014 16:58	RS
Surr: Tetrachloro-m-xylene	52.4	30.5-120		%REC	195543	2	09/04/2014 16:58	RS

PERCENT MOISTURE D2216

Percent Moisture	10.5	0		wt%	R274871	1	09/02/2014 10:00	SG
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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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-64-2-3'
Project Name: Brookhaven	Collection Date: 8/27/2014 9:49:00 AM
Lab ID: 1408N84-012	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	1900	N	ug/Kg-dry	195543	500	09/04/2014 13:55	RS
2,4-DDE	BRL	1900	N	ug/Kg-dry	195543	500	09/04/2014 13:55	RS
2,4-DDT	BRL	1900	N	ug/Kg-dry	195543	500	09/04/2014 13:55	RS
4,4'-DDD	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
4,4'-DDE	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
4,4'-DDT	3700	1900		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Aldrin	BRL	940		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
alpha-BHC	BRL	940		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
alpha-Chlordane	BRL	940		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
beta-BHC	BRL	940		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Chlordane	39000	19000		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Chlorpyrifos	BRL	1900	N	ug/Kg-dry	195543	500	09/04/2014 13:55	RS
cis-Chlordane	BRL	940		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
cis-Nonachlor	BRL	940	N	ug/Kg-dry	195543	500	09/04/2014 13:55	RS
delta-BHC	BRL	940		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Dieldrin	3700	1900		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Endosulfan I	BRL	940		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Endosulfan II	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Endosulfan sulfate	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Endrin	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Endrin aldehyde	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Endrin ketone	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
gamma-BHC	BRL	940		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
gamma-Chlordane	BRL	940		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Heptachlor	BRL	940		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Heptachlor epoxide	BRL	940		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Hexachlorobenzene	BRL	940	N	ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Methoxychlor	BRL	9400		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Mirex	BRL	940	N	ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Oxychlordane	BRL	940	N	ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Toxaphene	BRL	94000		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
trans-Chlordane	BRL	940		ug/Kg-dry	195543	500	09/04/2014 13:55	RS
trans-Nonachlor	BRL	940	N	ug/Kg-dry	195543	500	09/04/2014 13:55	RS
Surr: Decachlorobiphenyl	0	25.2-120	S	%REC	195543	500	09/04/2014 13:55	RS
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	195543	500	09/04/2014 13:55	RS
PERCENT MOISTURE D2216								
Percent Moisture	11.0	0		wt%	R274871	1	09/02/2014 10:00	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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-64-3.5'
Project Name: Brookhaven	Collection Date: 8/27/2014 9:50:00 AM
Lab ID: 1408N84-013	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	1900	N	ug/Kg-dry	195543	500	09/04/2014 14:06	RS
2,4-DDE	BRL	1900	N	ug/Kg-dry	195543	500	09/04/2014 14:06	RS
2,4-DDT	BRL	1900	N	ug/Kg-dry	195543	500	09/04/2014 14:06	RS
4,4'-DDD	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
4,4'-DDE	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
4,4'-DDT	4100	1900		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Aldrin	BRL	940		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
alpha-BHC	BRL	940		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
alpha-Chlordane	BRL	940		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
beta-BHC	BRL	940		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Chlordane	33000	19000		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Chlorpyrifos	BRL	1900	N	ug/Kg-dry	195543	500	09/04/2014 14:06	RS
cis-Chlordane	BRL	940		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
cis-Nonachlor	BRL	940	N	ug/Kg-dry	195543	500	09/04/2014 14:06	RS
delta-BHC	BRL	940		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Dieldrin	3300	1900		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Endosulfan I	BRL	940		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Endosulfan II	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Endosulfan sulfate	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Endrin	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Endrin aldehyde	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Endrin ketone	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
gamma-BHC	BRL	940		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
gamma-Chlordane	BRL	940		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Heptachlor	BRL	940		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Heptachlor epoxide	BRL	940		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Hexachlorobenzene	BRL	940	N	ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Methoxychlor	BRL	9400		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Mirex	BRL	940	N	ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Oxychlordane	BRL	940	N	ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Toxaphene	BRL	94000		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
trans-Chlordane	BRL	940		ug/Kg-dry	195543	500	09/04/2014 14:06	RS
trans-Nonachlor	BRL	940	N	ug/Kg-dry	195543	500	09/04/2014 14:06	RS
Surr: Decachlorobiphenyl	0	25.2-120	S	%REC	195543	500	09/04/2014 14:06	RS
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	195543	500	09/04/2014 14:06	RS
PERCENT MOISTURE D2216								
Percent Moisture	11.5	0		wt%	R274871	1	09/02/2014 10:00	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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-64-4-5'
Project Name: Brookhaven	Collection Date: 8/27/2014 10:19:00 AM
Lab ID: 1408N84-014	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	1900	N	ug/Kg-dry	195543	500	09/04/2014 14:17	RS
2,4-DDE	BRL	1900	N	ug/Kg-dry	195543	500	09/04/2014 14:17	RS
2,4-DDT	BRL	1900	N	ug/Kg-dry	195543	500	09/04/2014 14:17	RS
4,4'-DDD	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
4,4'-DDE	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
4,4'-DDT	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Aldrin	BRL	970		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
alpha-BHC	BRL	970		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
alpha-Chlordane	BRL	970		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
beta-BHC	BRL	970		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Chlordane	41000	19000		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Chlorpyrifos	BRL	1900	N	ug/Kg-dry	195543	500	09/04/2014 14:17	RS
cis-Chlordane	BRL	970		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
cis-Nonachlor	BRL	970	N	ug/Kg-dry	195543	500	09/04/2014 14:17	RS
delta-BHC	BRL	970		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Dieldrin	3300	1900		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Endosulfan I	BRL	970		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Endosulfan II	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Endosulfan sulfate	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Endrin	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Endrin aldehyde	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Endrin ketone	BRL	1900		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
gamma-BHC	BRL	970		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
gamma-Chlordane	BRL	970		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Heptachlor	BRL	970		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Heptachlor epoxide	BRL	970		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Hexachlorobenzene	BRL	970	N	ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Methoxychlor	BRL	9700		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Mirex	BRL	970	N	ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Oxychlordane	BRL	970	N	ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Toxaphene	BRL	97000		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
trans-Chlordane	BRL	970		ug/Kg-dry	195543	500	09/04/2014 14:17	RS
trans-Nonachlor	BRL	970	N	ug/Kg-dry	195543	500	09/04/2014 14:17	RS
Surr: Decachlorobiphenyl	0	25.2-120	S	%REC	195543	500	09/04/2014 14:17	RS
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	195543	500	09/04/2014 14:17	RS
PERCENT MOISTURE D2216								
Percent Moisture	14.2	0		wt%	R274871	1	09/02/2014 10:00	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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-64-5-6'
Project Name: Brookhaven	Collection Date: 8/27/2014 10:23:00 AM
Lab ID: 1408N84-016	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	4.0	N	ug/Kg-dry	195543	1	09/03/2014 00:45	RS
2,4-DDE	BRL	4.0	N	ug/Kg-dry	195543	1	09/03/2014 00:45	RS
2,4-DDT	BRL	4.0	N	ug/Kg-dry	195543	1	09/03/2014 00:45	RS
4,4'-DDD	BRL	4.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
4,4'-DDE	37	4.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
4,4'-DDT	46	4.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
Aldrin	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
alpha-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
alpha-Chlordane	BRL	40		ug/Kg-dry	195543	20	09/04/2014 16:13	RS
beta-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
Chlordane	3900	810		ug/Kg-dry	195543	20	09/04/2014 16:13	RS
Chlorpyrifos	BRL	4.0	N	ug/Kg-dry	195543	1	09/03/2014 00:45	RS
cis-Chlordane	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
cis-Nonachlor	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:45	RS
delta-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
Dieldrin	290	81		ug/Kg-dry	195543	20	09/04/2014 16:13	RS
Endosulfan I	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
Endosulfan II	BRL	4.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
Endosulfan sulfate	BRL	4.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
Endrin	80	4.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
Endrin aldehyde	BRL	4.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
Endrin ketone	BRL	4.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
gamma-BHC	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
gamma-Chlordane	BRL	40		ug/Kg-dry	195543	20	09/04/2014 16:13	RS
Heptachlor	BRL	40		ug/Kg-dry	195543	20	09/04/2014 16:13	RS
Heptachlor epoxide	30	2.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
Hexachlorobenzene	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:45	RS
Methoxychlor	BRL	20		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
Mirex	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:45	RS
Oxychlordane	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:45	RS
Toxaphene	BRL	200		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
trans-Chlordane	BRL	2.0		ug/Kg-dry	195543	1	09/03/2014 00:45	RS
trans-Nonachlor	BRL	2.0	N	ug/Kg-dry	195543	1	09/03/2014 00:45	RS
Surr: Decachlorobiphenyl	78.7	25.2-120		%REC	195543	1	09/03/2014 00:45	RS
Surr: Tetrachloro-m-xylene	71.5	30.5-120		%REC	195543	1	09/03/2014 00:45	RS

PERCENT MOISTURE D2216

Percent Moisture	17.3	0		wt%	R274871	1	09/02/2014 10:00	SG
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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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-65-2.5-3.5'
Project Name: Brookhaven	Collection Date: 8/27/2014 10:35:00 AM
Lab ID: 1408N84-017	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	1800	N	ug/Kg-dry	195543	500	09/04/2014 14:28	RS
2,4-DDE	BRL	1800	N	ug/Kg-dry	195543	500	09/04/2014 14:28	RS
2,4-DDT	BRL	1800	N	ug/Kg-dry	195543	500	09/04/2014 14:28	RS
4,4'-DDD	BRL	1800		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
4,4'-DDE	BRL	1800		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
4,4'-DDT	BRL	1800		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Aldrin	BRL	910		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
alpha-BHC	BRL	910		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
alpha-Chlordane	BRL	910		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
beta-BHC	BRL	910		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Chlordane	33000	18000		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Chlorpyrifos	BRL	1800	N	ug/Kg-dry	195543	500	09/04/2014 14:28	RS
cis-Chlordane	BRL	910		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
cis-Nonachlor	BRL	910	N	ug/Kg-dry	195543	500	09/04/2014 14:28	RS
delta-BHC	BRL	910		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Dieldrin	BRL	1800		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Endosulfan I	BRL	910		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Endosulfan II	BRL	1800		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Endosulfan sulfate	BRL	1800		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Endrin	BRL	1800		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Endrin aldehyde	BRL	1800		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Endrin ketone	BRL	1800		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
gamma-BHC	BRL	910		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
gamma-Chlordane	BRL	910		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Heptachlor	BRL	910		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Heptachlor epoxide	BRL	910		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Hexachlorobenzene	BRL	910	N	ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Methoxychlor	BRL	9100		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Mirex	BRL	910	N	ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Oxychlordane	BRL	910	N	ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Toxaphene	BRL	91000		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
trans-Chlordane	BRL	910		ug/Kg-dry	195543	500	09/04/2014 14:28	RS
trans-Nonachlor	BRL	910	N	ug/Kg-dry	195543	500	09/04/2014 14:28	RS
Surr: Decachlorobiphenyl	0	25.2-120	S	%REC	195543	500	09/04/2014 14:28	RS
Surr: Tetrachloro-m-xylene	0	30.5-120	S	%REC	195543	500	09/04/2014 14:28	RS
PERCENT MOISTURE D2216								
Percent Moisture	8.08	0		wt%	R274871	1	09/02/2014 10:00	SG

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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-65-4-5'
Project Name: Brookhaven	Collection Date: 8/27/2014 10:36:00 AM
Lab ID: 1408N84-018	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	3.8	N	ug/Kg-dry	195543	1	09/03/2014 00:56	RS
2,4-DDE	BRL	3.8	N	ug/Kg-dry	195543	1	09/03/2014 00:56	RS
2,4-DDT	BRL	3.8	N	ug/Kg-dry	195543	1	09/03/2014 00:56	RS
4,4'-DDD	BRL	3.8		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
4,4'-DDE	BRL	3.8		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
4,4'-DDT	5.4	3.8		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Aldrin	BRL	1.9		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
alpha-BHC	BRL	1.9		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
alpha-Chlordane	BRL	3.8		ug/Kg-dry	195543	2	09/04/2014 20:06	RS
beta-BHC	BRL	1.9		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Chlordane	470	76		ug/Kg-dry	195543	2	09/04/2014 20:06	RS
Chlorpyrifos	BRL	3.8	N	ug/Kg-dry	195543	1	09/03/2014 00:56	RS
cis-Chlordane	BRL	1.9		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
cis-Nonachlor	BRL	1.9	N	ug/Kg-dry	195543	1	09/03/2014 00:56	RS
delta-BHC	BRL	1.9		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Dieldrin	7.9	3.8		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Endosulfan I	BRL	1.9		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Endosulfan II	BRL	3.8		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Endosulfan sulfate	BRL	3.8		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Endrin	BRL	3.8		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Endrin aldehyde	BRL	3.8		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Endrin ketone	BRL	3.8		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
gamma-BHC	BRL	1.9		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
gamma-Chlordane	BRL	1.9		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Heptachlor	BRL	1.9		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Heptachlor epoxide	11	1.9		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Hexachlorobenzene	BRL	1.9	N	ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Methoxychlor	BRL	19		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Mirex	BRL	1.9	N	ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Oxychlordane	BRL	1.9	N	ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Toxaphene	BRL	190		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
trans-Chlordane	BRL	1.9		ug/Kg-dry	195543	1	09/03/2014 00:56	RS
trans-Nonachlor	BRL	1.9	N	ug/Kg-dry	195543	1	09/03/2014 00:56	RS
Surr: Decachlorobiphenyl	67.2	25.2-120		%REC	195543	1	09/03/2014 00:56	RS
Surr: Tetrachloro-m-xylene	64.7	30.5-120		%REC	195543	1	09/03/2014 00:56	RS
PERCENT MOISTURE D2216								
Percent Moisture	12.0	0		wt%	R274871	1	09/02/2014 10:00	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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-66-1-2.5'
Project Name: Brookhaven	Collection Date: 8/27/2014 10:46:00 AM
Lab ID: 1408N84-019	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	72	N	ug/Kg-dry	195543	20	09/04/2014 17:09	RS
2,4-DDE	BRL	72	N	ug/Kg-dry	195543	20	09/04/2014 17:09	RS
2,4-DDT	BRL	72	N	ug/Kg-dry	195543	20	09/04/2014 17:09	RS
4,4'-DDD	BRL	72		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
4,4'-DDE	110	72		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
4,4'-DDT	220	72		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Aldrin	BRL	36		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
alpha-BHC	BRL	36		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
alpha-Chlordane	BRL	180		ug/Kg-dry	195543	100	09/04/2014 20:17	RS
beta-BHC	BRL	36		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Chlordane	6300	720		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Chlorpyrifos	BRL	72	N	ug/Kg-dry	195543	20	09/04/2014 17:09	RS
cis-Chlordane	BRL	36		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
cis-Nonachlor	BRL	36	N	ug/Kg-dry	195543	20	09/04/2014 17:09	RS
delta-BHC	BRL	36		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Dieldrin	180	72		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Endosulfan I	BRL	36		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Endosulfan II	BRL	72		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Endosulfan sulfate	BRL	72		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Endrin	BRL	72		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Endrin aldehyde	BRL	72		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Endrin ketone	BRL	72		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
gamma-BHC	BRL	36		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
gamma-Chlordane	BRL	180		ug/Kg-dry	195543	100	09/04/2014 20:17	RS
Heptachlor	BRL	36		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Heptachlor epoxide	180	36		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Hexachlorobenzene	BRL	36	N	ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Methoxychlor	BRL	360		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Mirex	BRL	36	N	ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Oxychlordane	BRL	36	N	ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Toxaphene	BRL	3600		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
trans-Chlordane	BRL	36		ug/Kg-dry	195543	20	09/04/2014 17:09	RS
trans-Nonachlor	BRL	36	N	ug/Kg-dry	195543	20	09/04/2014 17:09	RS
Surr: Decachlorobiphenyl	144	25.2-120	S	%REC	195543	20	09/04/2014 17:09	RS
Surr: Tetrachloro-m-xylene	18.3	30.5-120	S	%REC	195543	20	09/04/2014 17:09	RS
PERCENT MOISTURE D2216								
Percent Moisture	7.30	0		wt%	R274871	1	09/02/2014 10:00	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

Client: EarthCon Consultants, Inc.	Client Sample ID: SB-66-3.5-4.5'
Project Name: Brookhaven	Collection Date: 8/27/2014 10:49:00 AM
Lab ID: 1408N84-020	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES SW8081B (SW3550C)								
2,4-DDD	BRL	3.6	N	ug/Kg-dry	195543	1	09/03/2014 01:18	RS
2,4-DDE	BRL	3.6	N	ug/Kg-dry	195543	1	09/03/2014 01:18	RS
2,4-DDT	BRL	3.6	N	ug/Kg-dry	195543	1	09/03/2014 01:18	RS
4,4'-DDD	BRL	3.6		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
4,4'-DDE	7.8	3.6		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
4,4'-DDT	9.2	3.6		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Aldrin	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
alpha-BHC	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
alpha-Chlordane	BRL	3.7		ug/Kg-dry	195543	2	09/04/2014 16:24	RS
beta-BHC	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Chlordane	450	73		ug/Kg-dry	195543	2	09/04/2014 16:24	RS
Chlorpyrifos	BRL	3.6	N	ug/Kg-dry	195543	1	09/03/2014 01:18	RS
cis-Chlordane	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
cis-Nonachlor	BRL	1.8	N	ug/Kg-dry	195543	1	09/03/2014 01:18	RS
delta-BHC	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Dieldrin	8.3	3.6		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Endosulfan I	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Endosulfan II	BRL	3.6		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Endosulfan sulfate	BRL	3.6		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Endrin	18	3.6		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Endrin aldehyde	BRL	3.6		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Endrin ketone	BRL	3.6		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
gamma-BHC	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
gamma-Chlordane	BRL	3.7		ug/Kg-dry	195543	2	09/04/2014 16:24	RS
Heptachlor	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Heptachlor epoxide	7.5	1.8		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Hexachlorobenzene	BRL	1.8	N	ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Methoxychlor	BRL	18		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Mirex	BRL	1.8	N	ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Oxychlordane	BRL	1.8	N	ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Toxaphene	BRL	180		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
trans-Chlordane	BRL	1.8		ug/Kg-dry	195543	1	09/03/2014 01:18	RS
trans-Nonachlor	BRL	1.8	N	ug/Kg-dry	195543	1	09/03/2014 01:18	RS
Surr: Decachlorobiphenyl	66.5	25.2-120		%REC	195543	1	09/03/2014 01:18	RS
Surr: Tetrachloro-m-xylene	67.2	30.5-120		%REC	195543	1	09/03/2014 01:18	RS

PERCENT MOISTURE D2216

Percent Moisture	8.69	0		wt%	R274871	1	09/02/2014 10:00	SG
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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: 9-Sep-14

Client: EarthCon Consultants, Inc.	Client Sample ID: RINSATE 082714
Project Name: Brookhaven	Collection Date: 8/27/2014 12:15:00 PM
Lab ID: 1408N84-021	Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES, TCL SW8081B (SW3510C)								
2,4-DDD	BRL	0.10	N	ug/L	195673	1	09/04/2014 18:26	RS
2,4-DDE	BRL	0.10	N	ug/L	195673	1	09/04/2014 18:26	RS
2,4-DDT	BRL	0.10	N	ug/L	195673	1	09/04/2014 18:26	RS
4,4'-DDD	BRL	0.10		ug/L	195673	1	09/04/2014 18:26	RS
4,4'-DDE	BRL	0.10		ug/L	195673	1	09/04/2014 18:26	RS
4,4'-DDT	BRL	0.10		ug/L	195673	1	09/04/2014 18:26	RS
Aldrin	BRL	0.050		ug/L	195673	1	09/04/2014 18:26	RS
alpha-BHC	BRL	0.050		ug/L	195673	1	09/04/2014 18:26	RS
alpha-Chlordane	BRL	0.050		ug/L	195673	1	09/04/2014 18:26	RS
beta-BHC	BRL	0.050		ug/L	195673	1	09/04/2014 18:26	RS
Chlordane	BRL	0.50		ug/L	195673	1	09/04/2014 18:26	RS
Chlorpyrifos	BRL	1.0	N	ug/L	195673	1	09/04/2014 18:26	RS
cis-Chlordane	BRL	0.10		ug/L	195673	1	09/04/2014 18:26	RS
cis-Nonachlor	BRL	0.10	N	ug/L	195673	1	09/04/2014 18:26	RS
delta-BHC	BRL	0.050		ug/L	195673	1	09/04/2014 18:26	RS
Dieldrin	BRL	0.10		ug/L	195673	1	09/04/2014 18:26	RS
Endosulfan I	BRL	0.050		ug/L	195673	1	09/04/2014 18:26	RS
Endosulfan II	BRL	0.10		ug/L	195673	1	09/04/2014 18:26	RS
Endosulfan sulfate	BRL	0.10		ug/L	195673	1	09/04/2014 18:26	RS
Endrin	BRL	0.10		ug/L	195673	1	09/04/2014 18:26	RS
Endrin aldehyde	BRL	0.10		ug/L	195673	1	09/04/2014 18:26	RS
Endrin ketone	BRL	0.10		ug/L	195673	1	09/04/2014 18:26	RS
gamma-BHC	BRL	0.050		ug/L	195673	1	09/04/2014 18:26	RS
gamma-Chlordane	0.055	0.050		ug/L	195673	1	09/04/2014 18:26	RS
Heptachlor	BRL	0.050		ug/L	195673	1	09/04/2014 18:26	RS
Heptachlor epoxide	BRL	0.050		ug/L	195673	1	09/04/2014 18:26	RS
Hexachlorobenzene	BRL	0.050	N	ug/L	195673	1	09/04/2014 18:26	RS
Methoxychlor	BRL	0.50		ug/L	195673	1	09/04/2014 18:26	RS
Methyl Parathion	BRL	0.10	N	ug/L	195673	1	09/04/2014 18:26	RS
Mirex	BRL	0.050	N	ug/L	195673	1	09/04/2014 18:26	RS
Oxychlordane	BRL	0.10	N	ug/L	195673	1	09/04/2014 18:26	RS
Toxaphene	BRL	5.0		ug/L	195673	1	09/04/2014 18:26	RS
trans-Chlordane	BRL	0.10		ug/L	195673	1	09/04/2014 18:26	RS
trans-Nonachlor	BRL	0.10	N	ug/L	195673	1	09/04/2014 18:26	RS
Surr: Decachlorobiphenyl	50.2	15-115		%REC	195673	1	09/04/2014 18:26	RS
Surr: Tetrachloro-m-xylene	61	15.1-115		%REC	195673	1	09/04/2014 18:26	RS

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 Earthcon Work Order Number 1408N84

Checklist completed by [Signature] Date 8/27/14

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 ms 8/27/14
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 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 mtc

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.

Client: EarthCon Consultants, Inc.
Project Name: Brookhaven
Workorder: 1408N84

ANALYTICAL QC SUMMARY REPORT

BatchID: 195543

Sample ID: MB-195543	Client ID:	Units: ug/Kg	Prep Date: 09/02/2014	Run No: 275036							
Sample Type: MBLK	TestCode: CHLORINATED PESTICIDES SW8081B	BatchID: 195543	Analysis Date: 09/02/2014	Seq No: 5805029							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-DDD	BRL	3.3									N
2,4-DDE	BRL	3.3									N
2,4-DDT	BRL	3.3									N
4,4'-DDD	BRL	3.3									
4,4'-DDE	BRL	3.3									
4,4'-DDT	BRL	3.3									
Aldrin	BRL	1.7									
alpha-BHC	BRL	1.7									
alpha-Chlordane	BRL	1.7									
beta-BHC	BRL	1.7									
Chlordane	BRL	3.3									
Chlorpyrifos	BRL	3.3									N
cis-Chlordane	BRL	1.7									
cis-Nonachlor	BRL	1.7									N
delta-BHC	BRL	1.7									
Dieldrin	BRL	3.3									
Endosulfan I	BRL	1.7									
Endosulfan II	BRL	3.3									
Endosulfan sulfate	BRL	3.3									
Endrin	BRL	3.3									
Endrin aldehyde	BRL	3.3									
Endrin ketone	BRL	3.3									
gamma-BHC	BRL	1.7									
gamma-Chlordane	BRL	1.7									
Heptachlor	BRL	1.7									
Heptachlor epoxide	BRL	1.7									
Hexachlorobenzene	BRL	1.7									N

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: EarthCon Consultants, Inc.
Project Name: Brookhaven
Workorder: 1408N84

ANALYTICAL QC SUMMARY REPORT

BatchID: 195543

Sample ID: MB-195543	Client ID:	Units: ug/Kg	Prep Date: 09/02/2014	Run No: 275036							
SampleType: MBLK	TestCode: CHLORINATED PESTICIDES SW8081B	BatchID: 195543	Analysis Date: 09/02/2014	Seq No: 5805029							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Methoxychlor	BRL	17									
Mirex	BRL	1.7									N
Oxychlorane	BRL	1.7									N
Toxaphene	BRL	170									
trans-Chlordane	BRL	1.7									
trans-Nonachlor	BRL	1.7									N
Surr: Decachlorobiphenyl	12.59	0	16.67		75.5	25.2	120				
Surr: Tetrachloro-m-xylene	12.08	0	16.67		72.5	30.5	120				

Sample ID: LCS-195543	Client ID:	Units: ug/Kg	Prep Date: 09/02/2014	Run No: 275036							
SampleType: LCS	TestCode: CHLORINATED PESTICIDES SW8081B	BatchID: 195543	Analysis Date: 09/02/2014	Seq No: 5805033							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

4,4'-DDT	29.73	3.3	33.33		89.2	44.7	136				
Aldrin	30.92	1.7	33.33		92.8	41.5	118				
Dieldrin	31.59	3.3	33.33		94.8	44.3	133				
Endrin	31.32	3.3	33.33		94.0	43.2	137				
gamma-BHC	32.94	1.7	33.33		98.8	40.3	126				
Heptachlor	34.11	1.7	33.33		102	40.1	126				
Surr: Decachlorobiphenyl	14.30	0	16.67		85.8	25.2	120				
Surr: Tetrachloro-m-xylene	14.12	0	16.67		84.7	30.5	120				

Sample ID: 1408N84-011AMS	Client ID: SB-64-1-2'	Units: ug/Kg-dry	Prep Date: 09/02/2014	Run No: 275076							
SampleType: MS	TestCode: CHLORINATED PESTICIDES SW8081B	BatchID: 195543	Analysis Date: 09/04/2014	Seq No: 5805970							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

4,4'-DDT	55.80	7.4	37.26	24.67	83.5	33.6	126				
Aldrin	32.38	3.7	37.26		86.9	32.6	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: EarthCon Consultants, Inc.
Project Name: Brookhaven
Workorder: 1408N84

ANALYTICAL QC SUMMARY REPORT

BatchID: 195543

Sample ID: 1408N84-011AMS	Client ID: SB-64-1-2'	Units: ug/Kg-dry	Prep Date: 09/02/2014	Run No: 275076							
SampleType: MS	TestCode: CHLORINATED PESTICIDES SW8081B	BatchID: 195543	Analysis Date: 09/04/2014	Seq No: 5805970							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Dieldrin	85.81	7.4	37.26	24.75	164	35.1	124				S
Endrin	42.49	7.4	37.26		114	39.7	129				
gamma-BHC	33.32	3.7	37.26		89.4	35.2	120				
Heptachlor	39.87	3.7	37.26		107	34.9	119				
Surr: Decachlorobiphenyl	16.18	0	18.64		86.8	25.2	120				
Surr: Tetrachloro-m-xylene	13.93	0	18.64		74.7	30.5	120				

Sample ID: 1408N84-011AMSD	Client ID: SB-64-1-2'	Units: ug/Kg-dry	Prep Date: 09/02/2014	Run No: 275076							
SampleType: MSD	TestCode: CHLORINATED PESTICIDES SW8081B	BatchID: 195543	Analysis Date: 09/04/2014	Seq No: 5805972							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

4,4'-DDT	52.47	7.4	37.26	24.67	74.6	33.6	126	55.80	6.15	28.1	
Aldrin	29.37	3.7	37.26		78.8	32.6	120	32.38	9.75	29.9	
Dieldrin	68.23	7.4	37.26	24.75	117	35.1	124	85.81	22.8	26.6	
Endrin	36.14	7.4	37.26		97.0	39.7	129	42.49	16.1	27.6	
gamma-BHC	30.79	3.7	37.26		82.6	35.2	120	33.32	7.88	28.6	
Heptachlor	32.44	3.7	37.26		87.1	34.9	119	39.87	20.5	27.7	
Surr: Decachlorobiphenyl	16.35	0	18.64		87.7	25.2	120	16.18	0	30	
Surr: Tetrachloro-m-xylene	13.47	0	18.64		72.3	30.5	120	13.93	0	30	

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: EarthCon Consultants, Inc.
Project Name: Brookhaven
Workorder: 1408N84

ANALYTICAL QC SUMMARY REPORT

BatchID: 195673

Sample ID: MB-195673	Client ID:	Units: ug/L	Prep Date: 09/02/2014	Run No: 275111							
SampleType: MBLK	TestCode: CHLORINATED PESTICIDES, TCL SW8081B	BatchID: 195673	Analysis Date: 09/02/2014	Seq No: 5806738							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-DDD	BRL	0.050									N
2,4-DDE	BRL	0.050									N
2,4-DDT	BRL	0.050									N
4,4'-DDD	BRL	0.050									
4,4'-DDE	BRL	0.050									
4,4'-DDT	BRL	0.050									
Aldrin	BRL	0.025									
alpha-BHC	BRL	0.025									
alpha-Chlordane	BRL	0.025									
beta-BHC	BRL	0.025									
Chlordane	BRL	0.25									
Chlorpyrifos	BRL	0.50									N
cis-Chlordane	BRL	0.050									
cis-Nonachlor	BRL	0.050									N
delta-BHC	BRL	0.025									
Dieldrin	BRL	0.050									
Endosulfan I	BRL	0.025									
Endosulfan II	BRL	0.050									
Endosulfan sulfate	BRL	0.050									
Endrin	BRL	0.050									
Endrin aldehyde	BRL	0.050									
Endrin ketone	BRL	0.050									
gamma-BHC	BRL	0.025									
gamma-Chlordane	BRL	0.025									
Heptachlor	BRL	0.025									
Heptachlor epoxide	BRL	0.025									
Hexachlorobenzene	BRL	0.025									N

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: EarthCon Consultants, Inc.
Project Name: Brookhaven
Workorder: 1408N84

ANALYTICAL QC SUMMARY REPORT

BatchID: 195673

Sample ID: MB-195673	Client ID:	Units: ug/L	Prep Date: 09/02/2014	Run No: 275111							
SampleType: MBLK	TestCode: CHLORINATED PESTICIDES, TCL SW8081B	BatchID: 195673	Analysis Date: 09/02/2014	Seq No: 5806738							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Methoxychlor	BRL	0.25									
Methyl Parathion	BRL	0.050									N
Mirex	BRL	0.025									N
Oxychlordane	BRL	0.050									N
Toxaphene	BRL	2.5									
trans-Chlordane	BRL	0.050									
trans-Nonachlor	BRL	0.050									N
Surr: Decachlorobiphenyl	0.1056	0	0.2500		42.2	15	115				
Surr: Tetrachloro-m-xylene	0.1467	0	0.2500		58.7	15.1	115				

Sample ID: LCS-195673	Client ID:	Units: ug/L	Prep Date: 09/02/2014	Run No: 275111							
SampleType: LCS	TestCode: CHLORINATED PESTICIDES, TCL SW8081B	BatchID: 195673	Analysis Date: 09/02/2014	Seq No: 5806748							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

4,4'-DDT	0.4536	0.050	0.5000		90.7	55.4	137				
Aldrin	0.3873	0.025	0.5000		77.5	42.7	120				
Dieldrin	0.4933	0.050	0.5000		98.7	53.5	133				
Endrin	0.4652	0.050	0.5000		93.0	56.8	138				
gamma-BHC	0.4369	0.025	0.5000		87.4	50.7	127				
Heptachlor	0.3910	0.025	0.5000		78.2	46.5	129				
Surr: Decachlorobiphenyl	0.1305	0	0.2500		52.2	15	115				
Surr: Tetrachloro-m-xylene	0.1641	0	0.2500		65.6	15.1	115				

Sample ID: 1408Q21-001AMS	Client ID:	Units: ug/L	Prep Date: 09/02/2014	Run No: 275111							
SampleType: MS	TestCode: CHLORINATED PESTICIDES, TCL SW8081B	BatchID: 195673	Analysis Date: 09/02/2014	Seq No: 5806774							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

4,4'-DDT	0.8135	0.10	1.000		81.4	27.4	137				
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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: EarthCon Consultants, Inc.
Project Name: Brookhaven
Workorder: 1408N84

ANALYTICAL QC SUMMARY REPORT

BatchID: 195673

Sample ID: 1408Q21-001AMS	Client ID:	Units: ug/L	Prep Date: 09/02/2014	Run No: 275111							
SampleType: MS	TestCode: CHLORINATED PESTICIDES, TCL SW8081B	BatchID: 195673	Analysis Date: 09/02/2014	Seq No: 5806774							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Aldrin	0.9372	0.050	1.000		93.7	25.3	120				
Dieldrin	1.166	0.10	1.000		117	35.8	135				
Endrin	1.530	0.10	1.000		153	41.8	138				S
gamma-BHC	1.435	0.050	1.000		143	37.7	119				S
Heptachlor	1.222	0.050	1.000		122	35.2	124				
Surr: Decachlorobiphenyl	0.3118	0	0.5000		62.4	15	115				
Surr: Tetrachloro-m-xylene	0.6516	0	0.5000		130	15.1	115				S

Sample ID: 1408Q21-001AMSD	Client ID:	Units: ug/L	Prep Date: 09/02/2014	Run No: 275111							
SampleType: MSD	TestCode: CHLORINATED PESTICIDES, TCL SW8081B	BatchID: 195673	Analysis Date: 09/02/2014	Seq No: 5806786							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

4,4'-DDT	0.7796	0.10	1.000		78.0	27.4	137	0.7796	0	23.2	
Aldrin	0.9346	0.050	1.000		93.5	25.3	120	0.9346	0	26	
Dieldrin	1.150	0.10	1.000		115	35.8	135	1.150	0	24.8	
Endrin	1.497	0.10	1.000		150	41.8	138	1.497	0	24.2	S
gamma-BHC	1.341	0.050	1.000		134	37.7	119	1.341	0	23.4	S
Heptachlor	1.191	0.050	1.000		119	35.2	124	1.191	0	23.2	
Surr: Decachlorobiphenyl	0.3270	0	0.5000		65.4	15	115	0.3270	0	0	
Surr: Tetrachloro-m-xylene	0.6632	0	0.5000		133	15.1	115	0.6632	0	0	S

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 G

RISK REDUCTION STANDARD CALCULATIONS

SOIL RRS CALCULATIONS

Table G1: Type 1 Risk Reduction Standards for Soil [Rule 391-3-19-.07(6)(c)]

Constituents (mg/kg)	Item 1 (i) Appendix I Concentration	Item 1 (ii) Type 1 GW Criteria x 100	Item 1 (iii) SSL for Migration to Groundwater	Item 2 RAGS (Equ 7) Non-Carcinogenic	Item 3 RAGS (Equ 6) Carcinogenic
<u>Chlorinated Pesticides</u>					
4,4'-DDD	0.66	0.01	nc	--	6.23E+01
4,4'-DDE	0.66	0.01	nc	--	4.39E+01
4,4'-DDT	0.66	0.01	nc	3.20E+02	4.39E+01
Aldrin	0.66	0.005	nc	1.92E+01	8.79E-01
Chlordane	9.20	0.2	nc	3.20E+02	4.27E+01
Dieldrin	0.66	0.01	nc	3.20E+01	9.34E-01
Endosulfan I	10.00	0.2	nc	3.84E+03	--
Endrin	10.00	0.2	nc	1.92E+02	--
gamma-BHC	0.66	0.02	nc	1.92E+02	1.36E+01
Heptachlor	0.66	0.04	nc	3.20E+02	3.32E+00
Heptachlor epoxide	1.65	0.02	nc	8.32E+00	1.64E+00

Notes:

- 1) Dashes (--) indicate the information was not available for the referenced constituent.
- 2) na - not applicable for the referenced constituents under Type 1 RRS
- 3) nc - indicates the factor was not calculated
- 4) numbers in **bold** indicate the Type 1 RRS for the constituent

Table G2: Type 1 Non-Carcinogenic Evaluation for Soil; Residential Use Scenario (RAGS Equ. 7)

Constituents	THI	BW (kg)	AT (yr)	CF (d/yr)	EF (d/yr)	ED (yr)	IR _s (mg/d)	CF (kg/mg)	Oral RfD (mg/kg-d)	IR _a (m3/d)	VF (m3/kg)	PEF (m3/kg)	Inh. RfD (mg/kg-d)	Type 1 Soil Std. (mg/kg)	Remarks
Chlorinated Pesticides:															
4,4'-DDD	1	70	30	365	350	30	114	1.0E-06	--	15	--	4.63E+09	--	--	no tox factors
4,4'-DDE	1	70	30	365	350	30	114	1.0E-06	--	15	--	4.63E+09	--	--	no tox factors
4,4'-DDT	1	70	30	365	350	30	114	1.0E-06	5.00E-04	15	--	4.63E+09	--	3.20E+02	oral only
Aldrin	1	70	30	365	350	30	114	1.0E-06	3.00E-05	15	--	4.63E+09	--	1.92E+01	oral only
Chlordane	1	70	30	365	350	30	114	1.0E-06	5.00E-04	15	--	4.63E+09	7.00E-04	3.20E+02	oral only
Dieldrin	1	70	30	365	350	30	114	1.0E-06	5.00E-05	15	--	4.63E+09	--	3.20E+01	oral only
Endosulfan I	1	70	30	365	350	30	114	1.0E-06	6.00E-03	15	--	4.63E+09	--	3.84E+03	oral only
Endrin	1	70	30	365	350	30	114	1.0E-06	3.00E-04	15	--	4.63E+09	--	1.92E+02	oral only
gamma-BHC	1	70	30	365	350	30	114	1.0E-06	3.00E-04	15	--	4.63E+09	--	1.92E+02	oral only
Heptachlor	1	70	30	365	350	30	114	1.0E-06	5.00E-04	15	--	4.63E+09	--	3.20E+02	oral only
Heptachlor epoxide	1	70	30	365	350	30	114	1.0E-06	1.30E-05	15	--	4.63E+09	--	8.32E+00	oral only

Table G3: Type 1 Carcinogenic Evaluation for Soil; Residential Use Scenario (RAGS Equ. 6)

Constituents	TR	BW (kg)	AT (yr)	CF (d/yr)	EF (d/yr)	ED (yr)	IR _s (mg/d)	CF (kg/mg)	Oral SF (mg/kg-d)-1	IR _a (m3/d)	VF (m3/kg)	PEF (m3/kg)	Inh. SF (mg/kg-d)-1	Type 1 Soil Std. (mg/kg)	Remarks
Chlorinated Pesticides:															
4,4'-DDD	1.00E-05	70	70	365	350	30	114	1.0E-06	2.40E-01	15	--	4.63E+09	2.42E-01	6.23E+01	oral only
4,4'-DDE	1.00E-05	70	70	365	350	30	114	1.0E-06	3.40E-01	15	--	4.63E+09	3.40E-01	4.39E+01	oral only
4,4'-DDT	1.00E-05	70	70	365	350	30	114	1.0E-06	3.40E-01	15	--	4.63E+09	3.40E-01	4.39E+01	oral only
Aldrin	1.00E-05	70	70	365	350	30	114	1.0E-06	1.70E+01	15	--	4.63E+09	1.72E+01	8.79E-01	oral only
Chlordane	1.00E-05	70	70	365	350	30	114	1.0E-06	3.50E-01	15	--	4.63E+09	3.50E-01	4.27E+01	oral only
Dieldrin	1.00E-05	70	70	365	350	30	114	1.0E-06	1.60E+01	15	--	4.63E+09	1.61E+01	9.34E-01	oral only
Endosulfan I	1.00E-05	70	70	365	350	30	114	1.0E-06	--	15	--	4.63E+09	--	--	no tox factors
Endrin	1.00E-05	70	70	365	350	30	114	1.0E-06	--	15	--	4.63E+09	--	--	no tox factors
gamma-BHC	1.00E-05	70	70	365	350	30	114	1.0E-06	1.10E+00	15	--	4.63E+09	1.09E+00	1.36E+01	oral only
Heptachlor	1.00E-05	70	70	365	350	30	114	1.0E-06	4.50E+00	15	--	4.63E+09	4.55E+00	3.32E+00	oral only
Heptachlor epoxide	1.00E-05	70	70	365	350	30	114	1.0E-06	9.10E+00	15	--	4.63E+09	9.10E+00	1.64E+00	oral only

Table G4: Calculation of the Volatilization Factor

Organics that do not meet the criteria for volatilization from soil

Constituent	Molecular Wt.		Henry's Law	
	(g/mol)	Source	(atm-m ³ /mol)	Source
4,4'-DDD	320.05	RSL	6.60E-06	RSL
4,4'-DDE	318.03	RSL	4.16E-05	RSL
4,4'-DDT	354.49	RSL	8.32E-06	RSL
Aldrin	364.92	RSL	4.40E-05	RSL
Chlordane	409.78	RSL	7.03E-05	RSL
Dieldrin	380.91	RSL	1.00E-05	RSL
Endosulfan I	406.92	RSL	6.50E-05	RSL
Endrin	380.91	RSL	1.00E-05	RSL
gamma-BHC	290.83	RSL	5.14E-06	RSL
Heptachlor	373.32	RSL	2.94E-04	RSL
Heptachlor epoxide	389.32	RSL	2.10E-05	RSL

Physical/chemical parameters were obtained from EPA Regional Screening Level (RSL) Chemical Specific Parameters Table (updated June 2015) unless otherwise noted

The soil-air concentration relationship is applicable only to constituents with a Henry's Law constant of greater than 1×10^{-5} atm-m³/mole and a molecular weight of less than 200 g/mole (RAGS Part B, EPA, 1991).

Table G5: Maximum Concentration Detected in Soil Compared to Type 1 RRS

Constituents	Maximum Concentration (mg/Kg)	Type 1 RRS (mg/Kg)	Exceeds Y/N
Chlorinated Pesticides			
4,4'-DDD	780	0.66	Y
4,4'-DDE	20	0.66	Y
4,4'-DDT	210	0.66	Y
Aldrin	0.0052	0.66	N
Chlordane	500	9.20	Y
Dieldrin	76	0.66	Y
Endosulfan I	0.0029	10.0	N
Endrin	0.08	10.0	N
gamma-BHC	0.091	0.66	N
Heptachlor	4.5	0.66	Y
Heptachlor epoxide	34	1.64	Y

Table G6: Type 3 Risk Reduction Standards for Soil [Rule 391-3-19-.07(8)(d)]

Constituents (mg/kg)	Item 1 (i) Appendix I Concentration	Item 1 (ii) Type 1 GW Criteria x 100	Item 1 (iii) SSL for Migration to Groundwater	Item 2 RAGS (Equ 7) Non-Carcinogenic	Item 3 RAGS (Equ 6) Carcinogenic
<u>Chlorinated Pesticides</u>					
4,4'-DDD	0.66	0.01	nc	--	1.70E+02
4,4'-DDE	0.66	0.01	nc	--	1.20E+02
4,4'-DDT	0.66	0.01	nc	1.23E+03	1.20E+02
Chlordane	9.20	0.2	nc	1.23E+03	1.64E+02
Dieldrin	0.66	0.01	nc	1.23E+02	2.56E+00
Heptachlor	0.66	0.04	nc	1.23E+03	9.08E+00
Heptachlor epoxide	1.65	0.02	nc	3.19E+01	6.29E+00

Notes:

- 1) Dashes (--) indicate the information was not available for the referenced constituent.
 - 2) na - not applicable for the referenced constituents under Type 1 RRS
 - 3) nc - indicates the factor was not calculated
 - 4) numbers in **bold** indicate the Type 3 RRS for the constituent
- *Rule 391-3-19-.07(8)(d)(iii)

Table G7: Type 3 Non-Carcinogenic Evaluation for Soil; Nonresidential Use Scenario (RAGS Equ. 7)

Constituents	THI	BW (kg)	AT (yr)	CF (d/yr)	EF (d/yr)	ED (yr)	IR _s (mg/d)	CF (kg/mg)	Oral RfD (mg/kg-d)	IR _a (m3/d)	VF (m3/kg)	PEF (m3/kg)	Inh. RfD (mg/kg-d)	Type 3	Remarks
														Soil Std. (mg/kg)	
Chlorinated Pesticides:															
4,4'-DDD	1	70	30	365	250	25	50	1.0E-06	--	20	--	4.63E+09	--	--	no tox factors
4,4'-DDE	1	70	30	365	250	25	50	1.0E-06	--	20	--	4.63E+09	--	--	no tox factors
4,4'-DDT	1	70	30	365	250	25	50	1.0E-06	5.00E-04	20	--	4.63E+09	--	1.23E+03	oral only
Chlordane	1	70	30	365	250	25	50	1.0E-06	5.00E-04	20	--	4.63E+09	7.00E-04	1.23E+03	oral only
Dieldrin	1	70	30	365	250	25	50	1.0E-06	5.00E-05	20	--	4.63E+09	--	1.23E+02	oral only
Heptachlor	1	70	30	365	250	25	50	1.0E-06	5.00E-04	20	--	4.63E+09	--	1.23E+03	oral only
Heptachlor epoxide	1	70	30	365	250	25	50	1.0E-06	1.30E-05	20	--	4.63E+09	--	3.19E+01	oral only

Table G8: Type 3 Carcinogenic Evaluation for Soil; Nonresidential Use Scenario (RAGS Equ. 6)

Constituents	TR	BW (kg)	AT (yr)	CF (d/yr)	EF (d/yr)	ED (yr)	IR s (mg/d)	CF (kg/mg)	Oral SF (mg/kg-d)-1	IR a (m3/d)	VF (m3/kg)	PEF (m3/kg)	Inh. SF (mg/kg-d)-1	Type 3	Remarks
														Soil Std. (mg/kg)	
Chlorinated Pesticides:															
4,4'-DDD	1.00E-05	70	70	365	350	25	50	1.0E-06	2.4E-01	20	--	4.63E+09	2.42E-01	1.70E+02	oral only
4,4'-DDE	1.00E-05	70	70	365	350	25	50	1.0E-06	3.4E-01	20	--	4.63E+09	3.40E-01	1.20E+02	oral only
4,4'-DDT	1.00E-05	70	70	365	350	25	50	1.0E-06	3.4E-01	20	--	4.63E+09	3.40E-01	1.20E+02	oral only
Chlordane	1.00E-05	70	70	365	250	25	50	1.0E-06	3.5E-01	20	--	4.63E+09	3.50E-01	1.64E+02	oral only
Dieldrin	1.00E-05	70	70	365	350	25	50	1.0E-06	1.6E+01	20	--	4.63E+09	1.61E+01	2.56E+00	oral only
Heptachlor	1.00E-05	70	70	365	350	25	50	1.0E-06	4.5E+00	20	--	4.63E+09	4.55E+00	9.08E+00	oral only
Heptachlor epoxide	1.00E-05	70	70	365	250	25	50	1.0E-06	9.1E+00	20	--	4.63E+09	9.10E+00	6.29E+00	oral only

Table G9: Maximum Concentration Detected in Soil Compared to Type 3 RRS

Constituents	Maximum Concentration (mg/Kg)	Type 3 RRS (mg/Kg)	Exceeds Y/N
Chlorinated Pesticides			
4,4'-DDD	780	0.66	Y
4,4'-DDE	20	0.66	Y
4,4'-DDT	210	0.66	Y
Chlordane	500	9.20	Y
Dieldrin	76	0.66	Y
Heptachlor	4.5	0.66	Y
Heptachlor epoxide	34	1.65	Y

Table G10: Type 4 Risk Reduction Standards for Soil [Rule 391-3-19-.07(9)(d)]

Constituents (mg/kg)	Item 1 SSL for Migration to Groundwater	Item 2 RAGS (Equ 7) Non-Carc Adult	Item 3 RAGS (Equ 6) Carc Adult	Item 4 IEUBK for Lead
<u>Chlorinated Pesticides</u>				
4,4'-DDD	5.61E+01	--	2.38E+02	na
4,4'-DDE	3.96E+01	--	1.68E+02	na
4,4'-DDT	5.68E+01	1.23E+03	1.68E+02	na
Chlordane	1.11E+01	1.23E+03	1.64E+02	na
Dieldrin	1.44E-01	1.23E+02	3.58E+00	na
Heptachlor	1.05E+00	1.23E+03	1.27E+01	na
Heptachlor epoxide	1.28E-01	3.19E+01	6.29E+00	na

Notes:

- 1) Dashes (--) indicate the information was not available for the referenced constituent.
- 2) NA indicates calculation is not applicable for this constituent.
- 3) numbers in **bold** indicate Type 4 RRS.
- (*) Soil Screening Levels based on higher of Type 3 or Type 4 Groundwater Criteria.

Table G11: Type 4 Non-Carcinogenic Evaluation for Soil; Nonresidential Adult (RAGS Equ. 7)

Constituents	THI	BW (kg)	AT (yr)	CF (d/yr)	EF (d/yr)	ED (yr)	IR s (mg/d)	CF (kg/mg)	Oral RfD (mg/kg-d)	IR a (m3/d)	VF (m3/kg)	PEF (m3/kg)	Inh. RfD (mg/kg-d)	Type 4 Soil Std. (mg/kg)	Remarks
Chlorinated Pesticides:															
4,4'-DDD	1	70	30	365	250	25	50	1.0E-06	--	20	--	4.63E+09	--	--	no tox values
4,4'-DDE	1	70	30	365	250	25	50	1.0E-06	--	20	--	4.63E+09	--	--	no tox values
4,4'-DDT	1	70	30	365	250	25	50	1.0E-06	5.00E-04	20	--	4.63E+09	--	1.23E+03	oral only
Chlordane	1	70	30	365	250	25	50	1.0E-06	5.00E-04	20	--	4.63E+09	7.00E-04	1.23E+03	oral only
Dieldrin	1	70	30	365	250	25	50	1.0E-06	5.00E-05	20	--	4.63E+09	--	1.23E+02	oral only
Heptachlor	1	70	30	365	250	25	50	1.0E-06	5.00E-04	20	--	4.63E+09	--	1.23E+03	oral only
Heptachlor epoxide	1	70	30	365	250	25	50	1.0E-06	1.30E-05	20	--	4.63E+09	--	3.19E+01	oral only

Table G12: Type 4 Carcinogenic Evaluation for Soil; Nonresidential Adult (RAGS Equ. 6)

Constituents	TR	BW (kg)	AT (yr)	CF (d/yr)	EF (d/yr)	ED (yr)	IR s (mg/d)	CF (kg/mg)	Oral SF (mg/kg-d)-1	IR a (m3/d)	VF (m3/kg)	PEF (m3/kg)	Inh. SF (mg/kg-d)-1	Type 4	Remarks
														Soil Std. (mg/kg)	
Chlorinated Pesticides:															
4,4'-DDD	1.00E-05	70	70	365	250	25	50	1.0E-06	2.4E-01	20	--	4.63E+09	2.42E-01	2.38E+02	oral only
4,4'-DDE	1.00E-05	70	70	365	250	25	50	1.0E-06	3.4E-01	20	--	4.63E+09	3.40E-01	1.68E+02	oral only
4,4'-DDT	1.00E-05	70	70	365	250	25	50	1.0E-06	3.4E-01	20	--	4.63E+09	3.40E-01	1.68E+02	oral only
Chlordane	1.00E-05	70	70	365	250	25	50	1.0E-06	3.5E-01	20	--	4.63E+09	3.50E-01	1.64E+02	oral only
Dieldrin	1.00E-05	70	70	365	250	25	50	1.0E-06	1.6E+01	20	--	4.63E+09	1.61E+01	3.58E+00	oral only
Heptachlor	1.00E-05	70	70	365	250	25	50	1.0E-06	4.5E+00	20	--	4.63E+09	4.55E+00	1.27E+01	oral only
Heptachlor epoxide	1.00E-05	70	70	365	250	25	50	1.0E-06	9.1E+00	20	--	4.63E+09	9.10E+00	6.29E+00	oral only

Table G13: Type 4 Soil Screening Level for Migration to Groundwater

Constituents	Cw		Kd (L/kg)	Koc (L/kg)	foc* (g/g)	Ow* (Lwater/ Lsoil)	Oa (Lair/Lsoil)	n (Lpore/Lsoil)	Pb* (kg/L)	Ps* (kg/L)	H' (unitless)	Soil Screening Level (mg/kg)
	Type 3/4 GW Criteria (mg/L)	DAF (unitless)										
Chlorinated Pesticides:												
4,4'-DDD	1.19E-02	20	2.35E+02	1.18E+05	0.002	0.3	0.134	0.434	1.5	2.65	2.70E-04	5.61E+01
4,4'-DDE	8.42E-03	20	2.35E+02	1.18E+05	0.002	0.3	0.134	0.434	1.5	2.65	1.70E-03	3.96E+01
4,4'-DDT	8.42E-03	20	3.37E+02	1.69E+05	0.002	0.3	0.134	0.434	1.5	2.65	3.40E-04	5.68E+01
Chlordane	8.18E-03	20	6.76E+01	3.38E+04	0.002	0.3	0.134	0.434	1.5	2.65	2.90E-03	1.11E+01
Dieldrin	1.79E-04	20	4.02E+01	2.01E+04	0.002	0.3	0.134	0.434	1.5	2.65	4.09E-04	1.44E-01
Heptachlor	6.36E-04	20	8.25E+01	4.13E+04	0.002	0.3	0.134	0.434	1.5	2.65	1.20E-02	1.05E+00
Heptachlor epoxide	3.14E-04	20	2.02E+01	1.01E+04	0.002	0.3	0.134	0.434	1.5	2.65	8.59E-04	1.28E-01

Notes:

*Default parameters obtained from Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites (EPA 2002)

Physical/chemical parameters were obtained from EPA Regional Screening Level (RSL) Chemical Specific Parameters Table (updated June 2015)

$$\text{Soil screening level} = Cw [Kd + (Ow + Oa \cdot H') / Pb]$$

Cw=target soil leachate concentration (mg/L)

Cw = groundwater criteria * dilution attenuation factor (DAF)

Kd = soil-water partition coefficient (L/kg) = Koc x foc

Koc=soil organic carbon-water partition coefficient (L/kg)

foc = fraction organic carbon-water partition coefficient (g/g)

Ow = water-filled soil porosity (Lwater/Lsoil)

Oa = air-filled soil porosity (Lair/Lsoil) = n-Ow

n = soil porosity (Lpore/Lsoil) = 1-(Pb/Ps)

Pb = dry soil bulk density (kg/L)

Ps = soil particle density (kg/L)

H' = dimensionless Henry's Law Constant

Table G14: Maximum Concentration Detected in Soil Compared to Type 4 RRS

Constituent	Maximum Concentration (mg/Kg)	Type 4 RRS (mg/Kg)	Exceeds Y/N
Chlorinated Pesticides			
4,4'-DDD	780	56.09	Y
4,4'-DDE	20	39.59	N
4,4'-DDT	210	56.79	Y
Chlordane	500	11.08	Y
Dieldrin	76	0.14	Y
Heptachlor	4.5	1.05	Y
Heptachlor epoxide	34	0.13	Y

GROUNDWATER RRS CALCULATIONS

Table G15: Type 3 and 4 Risk Reduction Standards for Groundwater [Rule 391-3-19-.07(8)(c),(9)(c)]

Constituents (mg/L)	Type 3/1*	Type 4
<u>Chlorinated Pesticides</u>		
4,4'-DDD	1.00E-04	1.19E-02
4,4'-DDE	1.00E-04	8.42E-03
4,4'-DDT	1.00E-04	8.42E-03
Chlordane	2.00E-03	8.18E-03
Dieldrin	0.0001 (DL)	1.79E-04
Heptachlor	4.00E-04	6.36E-04
Heptachlor epoxide	2.00E-04	3.14E-04

*Rule 391-3-19-.07(8)(c)

Table G16: Type 4 Risk Reduction Standards for Groundwater [Rule 391-3-19-.07(9)(c)]

Constituent(s) (mg/L)	Item 1 RAGS (Equ 2) Non-Carc Adult	Item 2 RAGS (Equ 1) Carc Adult
<u>Chlorinated Pesticides</u>		
4,4'-DDD	--	1.19E-02
4,4'-DDE	--	8.42E-03
4,4'-DDT	6.13E-02	8.42E-03
Chlordane	6.13E-02	8.18E-03
Dieldrin	6.13E-03	1.79E-04
Heptachlor	6.13E-02	6.36E-04
Heptachlor epoxide	1.33E-03	3.14E-04

Notes:

- 1) dashes (--) indicate the information was not available for the referenced constituent.
- 2) number in bold indicates Type 4 RRS

Table G17: Type 4 Non-Carcinogenic Evaluation for Groundwater; Residential Adult (RAGS Equ. 2)

Constituents	THI	BW (kg)	AT (yr)	CF (d/yr)	EF (d/yr)	ED (yr)	IR w (L/d)	Oral RfD (mg/kg-d)	IR a (m3/d)	K (L/m ³)	Inh. RfD (mg/kg-d)	Type 4 GW Stnd (mg/L)	Remarks
<u>Chlorinated Pesticides</u>													
4,4'-DDD	1	70	30	365	250	25	1	--	20	0.5	--	--	no tox factors
4,4'-DDE	1	70	30	365	250	25	1	--	20	0.5	--	--	no tox factors
4,4'-DDT	1	70	30	365	250	25	1	5.00E-04	20	0.5	--	6.13E-02	oral only
Chlordane	1	70	30	365	250	25	1	5.00E-04	20	0.5	7.00E-04	6.13E-02	oral only
Dieldrin	1	70	30	365	250	25	1	5.00E-05	20	0.5	--	6.13E-03	oral only
Heptachlor	1	70	30	365	250	25	1	5.00E-04	20	0.5	--	6.13E-02	oral only
Heptachlor epoxide	1	70	25	365	250	25	1	1.30E-05	20	0.5	--	1.33E-03	oral only

Table G18: Type 4 Carcinogenic Evaluation for Groundwater; Residential Adult (RAGS Equ. 1)

Constituents	TR	BW (kg)	AT (yr)	CF (d/yr)	EF (d/yr)	ED (yr)	IR w (L/d)	Oral SF (mg/kg-d)-1	IR a (m3/d)	K (L/m ³)	Inh. SF (mg/kg-d)-1	Type 4 GW Stnd (mg/L)	Remarks
<u>Chlorinated Pesticides</u>													
4,4'-DDD	1.00E-05	70	70	365	250	25	1	2.4E-01	20	0.5	2.42E-01	1.19E-02	oral only
4,4'-DDE	1.00E-05	70	70	365	250	25	1	3.4E-01	20	0.5	3.40E-01	8.42E-03	oral only
4,4'-DDT	1.00E-05	70	70	365	250	25	1	3.4E-01	20	0.5	3.40E-01	8.42E-03	oral only
Chlordane	1.00E-05	70	70	365	250	25	1	3.5E-01	20	0.5	3.50E-01	8.18E-03	oral only
Dieldrin	1.00E-05	70	70	365	250	25	1	1.6E+01	20	0.5	1.61E+01	1.79E-04	oral only
Heptachlor	1.00E-05	70	70	365	250	25	1	4.5E+00	20	0.5	4.55E+00	6.36E-04	oral only
Heptachlor epoxide	1.00E-05	70	70	365	250	25	1	9.1E+00	20	0.5	9.10E+00	3.14E-04	oral only

APPENDIX H

**GEORGIA DEPARTMENT OF NATURAL RESOURCES SPECIAL CONCERN
ANIMALS, PLANTS, AND NATURAL COMMUNITIES
DEKALB COUNTY, GEORGIA**



WILDLIFE RESOURCES DIVISION

Known occurrences of special concern plants, animals and natural communities DeKalb County — Fips Code: 13089

Find details for these species at [Georgia Rare Species and Natural Community Data](#) and [NatureServe Explorer](#).

[US] indicates species with federal status (Protected or Candidate).
Species that are federally protected in Georgia are also state protected.
[GA] indicates Georgia protected species.

link to species profile on our site (not available for all species).

link to report for element on NatureServe Explorer (only available for animals and plants).

Animal Occurrences

- *Cambarus harti* (Piedmont Blue Burrower) [GA] - crustacean
- *Cambarus howardi* (Chattahoochee Crayfish) [GA] - crustacean
- *Cyprinella xaenura* (Altamaha Shiner) [GA] - fish
- *Elliptio arctata* (Delicate Spike) [GA] - mollusk

Community Occurrences

- *Pd mesic broadleaf decid. forest* (Piedmont Mesic Hardwood Forest)

Plant Occurrences

- *Allium speculae* (Flatrock Onion) [GA]
- *Amorpha schwerinii* (Schwerin Indigo-bush)
- *Amphianthus pusillus* (Pool Sprite) [US]
- *Amsonia ludoviciana* (Louisiana Blue Star)
- *Anemone berlandieri* (Glade Windflower)
- *Eriocaulon koemickianum* (Dwarf Hatpins) [GA]
- *Eurybia avita* (Alexander Rock Aster)
- *Fimbristylis brevivaginata* (Flatrock Fimbry)
- *Isoetes melanospora* (Black-spored Quillwort) [US]
- *Nestronia umbellula* (Indian Olive) [GA]
- *Panax quinquefolius* (American Ginseng)
- *Pilularia americana* (American Pillwort)
- *Pycnanthemum curvipes* (Stone Mountain Mint)
- *Rhus michauxii* (Dwarf Sumac) [US]
- *Ribes curvatum* (Granite Gooseberry)
- *Schisandra glabra* (Bay Star-vine) [GA]
- *Sedum pusillum* (Granite Stonecrop) [GA]
- *Symphyotrichum georgianum* (Georgia Aster) [US]
- *Veratrum woodii* (Ozark Bunchflower) [GA]
- *Viburnum rafinesquianum* var. *rafinesquianum* (Downy Arrowwood)
- *Waldsteinia lobata* (Barren Strawberry) [GA]

Generated from Georgia DNR's NatureServe Biotics conservation database on October 12, 2011

APPENDIX I

GEOSYNTHETIC CLAY LINER (GCL) SUPPORTING INFORMATION

BENTOMAT® CL

GEOSYNTHETIC CLAY LINER

BENTOMAT CL CERTIFIED PROPERTIES			
MATERIAL PROPERTY	TEST METHOD	TEST FREQUENCY ft ² (m ²)	REQUIRED VALUES
Bentonite Swell Index ¹	ASTM D 5890	1 per 50 tonnes	24 mL/2g min.
Bentonite Fluid Loss ¹	ASTM D 5891	1 per 50 tonnes	18 mL max.
Bentonite Mass/Area ²	ASTM D 5993	40,000 ft ² (4,000 m ²)	0.75 lb/ft ² (3.6 kg/m ²) min
GCL Grab Strength ³	ASTM D 6768	200,000 ft ² (20,000 m ²)	45 lbs/in (78 N/cm) MARV
GCL Peel Strength ³	ASTM D 6496	40,000 ft ² (4,000 m ²)	3.5 lbs/in (6.1 N/cm) min
GCL Index Flux ⁴	ASTM D 5887	Periodic	1 x 10 ⁻⁹ m ³ /m ² /sec max
GCL Hydraulic Conductivity ⁴	ASTM D 5887	Periodic	5 x 10 ⁻¹⁰ cm/sec max
GCL Hydrated Internal Shear Strength ⁵	ASTM D 5321 ASTM D 6243	Periodic	500 psf (24 kPa) typical

Bentomat CL is a reinforced GCL consisting of a layer of sodium bentonite between two geotextiles, which are needlepunched together and laminated to a thin flexible membrane liner.

Notes

- ¹ Bentonite property tests performed at a bentonite processing facility before shipment to CETCO's GCL production facilities.
- ² Bentonite mass/area reported at 0 percent moisture content.
- ³ All tensile strength testing is performed in the machine direction using ASTM D 6768. All peel strength testing is performed using ASTM D 6496. Upon request, tensile and peel results can be reported per modified ASTM D 4632 using 4 inch grips.
- ⁴ ASTM D5887 Index flux and hydraulic conductivity testing with deaired distilled/deionized water at 80 psi (551 kPa) cell pressure, 77 psi (531 kPa) headwater pressure and 75 psi (517 kPa) tailwater pressure. Reported value is equivalent to 92 gal/acre/day. This flux value is equivalent to a permeability of 5x10⁻¹⁰ cm/sec for typical GCL thickness. ASTM D 5887 testing is performed only on a periodic basis because the membrane is essentially impermeable.
- ⁵ Peak value measured at 200 psf (10 kPa) normal stress for a specimen hydrated for 48 hours. Site-specific materials, GCL products, and test conditions must be used to verify internal and interface strength of the proposed design.

TR 401-BMCL 05/07

North America: 847.851.1800 | 800.527.9948 | www.CETCO.com

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TDS_BENTOMATCL_AM_EN_201402_v1





What is Flexamat



WHAT IS FLEXAMAT?



Flexamat

FLEXAMAT IS A "TIED CONCRETE BLOCK MAT".

(Tied Concrete Block Mat is a generic term for Flexamat.)

Flexamat consists of concrete shapes, locked together with a high strength, polypropylene geogrid. There are openings around each concrete block that give Flexamat the flexibility and enable it to be packaged in rolls. The openings also allow vegetation to

grow through the mat. Eventually, vegetation will completely cover Flexamat. It can be manufactured with various backings such as non-woven fabric to stop vegetation growth or a TRM (turf re-enforcement mat) depending on the soil conditions and other factors.

There's a wide range of applications where Flexamat is utilized, but it is most commonly used for erosion control. Flexamat is used to control erosion in channels, outlet protection, on slopes, for shoreline protection and many other applications.

Flexamat offers permanent, hard armor protection, with a natural vegetated appearance. Flexamat may be mowed over with commercial mowing equipment or left to grow wild. Besides grass, there are many other types of native plant species that can be planted to grow within the mat. For example, Willow Saplings were planted through Flexamat for a streambank re-vegetation project.



Flexamat - one year after installation

FLEXAMAT BENEFITS

- Permanent Solution - will not crack with freeze / thaw cycles.
- Easy Maintenance - can be mowed over with commercial mowing equipment without turf damage.
- Fast and Simple Installation - roll design makes installation efficient.
- Reduces Construction cost - low material cost, less labor, and shorter lain closure time.
- Reduces runoff velocities - 0.055 Manning's "n" value.
- Natural and Aesthetic Solution - insulates from cold and heat, and allows pet and owner access.
- Improves Safety - no loose blocks that can be thrown or cause slippage.

- Accumilate LEED Credits - Materials & Resources (MR), Water Efficiency (WE), Sustainable Sites (SS)
 - 1. New Construction and Major Renovations (NC)
 - 2. Existing Buildings: Operations & Maintenance (EB)
 - 3. Core & Shell (CS)
 - 4. Schools (S)
 - 5. Homes (H)

FLEXAMAT PROPERTIES

Mat Width & Length	Manufactured in standard widths of 4', 5.5', 8', 10', 12, & 16'. Lengths can be cut to order per project requirements. Stocked lengths are 30', 40', & 50'. 4' x 4' mats stacked on pallets are also available.
Underlayment Options	Standard Flexamat® is manufactured with Curlex® II underlayment backing. It may also be manufactured with Recyclex® TRM or non-woven filter fabrics. Onsite conditions and project requirements determine the appropriate underlayment material. Customize Flexamat!
Weight per Square Foot	11 lbs per square foot
Block Size	The concrete blocks are 6.5" x 6.5" x 2.25". There is 1.5" spacing between the blocks.
Limiting Shear	24+ PSF (non vegetated)
Limiting Velocity	19+ft./second (non vegetated)

FLEXAMAT INFORMATION

- [Customize Flexamat](#)
- [Flexamat Installation Guidelines](#)
- [Technical Information](#)
- [LEED Certification](#)
- [Flexamat Specification PDF](#)

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