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Environmental Health

**PERJURY STATEMENT
SOIL MITIGATION, ASHLAND YOUTH CENTER PROJECT
PROJECT NO. 10020**

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached "Ashland Soil Excavation Work Plan" dated October 3, 2011, are true and correct to the best of my knowledge.

Aki K. Nakao
Director, General Services Agency

10/19/11

Date

Chris Bazar
Director, Community Development Agency

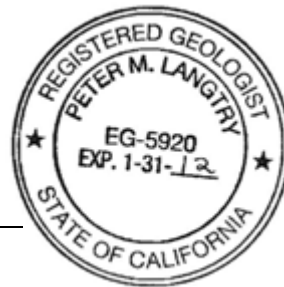
10/19/2011

Date

Type of Services	Soil Excavation Work Plan
Location	Ashland Youth Center 16335 East 14th Street San Lorenzo, California
Addressee	Alameda County Health Care Services Agency Environmental Health Services
Address	1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502
Project Number	165-11-1
Date	October 3, 2011



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Type of Services	Soil Excavation Work Plan
Location	Ashland Youth Center San Lorenzo, California

SECTION 1: INTRODUCTION

1.1 PURPOSE

This Work Plan (WP) has been prepared for the excavation of soil for the construction of the new Ashland Youth Center at 16335 East 14th Street in San Lorenzo, California (Site) (Figures 1 and 2). This work was prepared for Sandis and Alameda County General Services Agency (ACGSA) in accordance with our August 23, 2011 agreement.

1.2 PLANNED DEVELOPMENT

The project consists of the construction of an approximately 20,000 square foot youth center on the approximately 1 acre Site. Asphalt and concrete paved drive way and parking area, and hardscaped patio areas, and landscaping also will be constructed. A tot-lot is planned adjacent to the northeast corner of the building, adjacent to East 14th Street.

1.3 REMEDIAL ACTION OBJECTIVES

Removal action objectives (RAOs) are goals developed for the protection of human health and the environment and are based on chemical concentrations and potential exposure routes. Protection of human health can be achieved by reducing chemical concentrations and/or by eliminating exposure pathways.

The RAOs for the Site are to mitigate the threat to human health and the environment from the identified contaminant of concern (COC) (see Section 4.1) impacted soil in a manner consistent with unrestricted use of the Site. RAOs that are protective of human health and the environment have been established as below:

- To minimize exposure of humans to the COC in shallow soil through inhalation, dermal absorption, and ingestion;
- To minimize potential for migration of the COC from the soil to other media;
- To obtain a “No Further Action (NFA)” for unrestricted use for the Site from the Alameda County Health Care Services Agency (County Health) after implementation of the WP.

SECTION 2: SITE BACKGROUND

2.1 SITE HISTORY

The Site consists of three parcels: Parcel 80C-479-6-20 (16301 East 14th Street); 80-0479-006-08 (16343 East 14th Street), and; Parcel 80C-0479-006-09 (16349 East 14th Street).

2.1.1 16301 East 14th Street

Holland Oil formerly operated on the adjacent parcel (APN 80C-479-9-21) and on the northwest and southwest portion of the on-Site parcel (Figure 2). Holland Oil operated a as a bulk fuel storage and

distribution facility from the 1960's to the mid-1980's. Eight underground storage tanks (USTs) were located on the Holland Oil facility and appeared to be off-Site. Three of the USTs reportedly contained gasoline, two contained diesel, two contained kerosene and one contained Stoddard solvent. The Holland Oil facility also included a warehouse and a garage used for vehicle maintenance; these structures appear to have also been located off-Site. The USTs reportedly were removed in 1998 (Ninyo & Moore, 2009), and the remaining structures were demolished during 2011. The on-Site area located along East 14th Street and outside the Holland Oil facility area reportedly was used primarily for vehicle sales. Holland Oils fuel operations reportedly were not conducted on this portion of the Site (Amicus, 2009).

2.1.1 16343 East 14th Street

This parcel formerly was occupied by an approximately 2,200 square foot building that reportedly was constructed by the early 1960s and used as a retail store and Moose lodge. From approximately 1970 to until early 2011 the building was occupied by a bar. The property reportedly was purchased by the Alameda County Redevelopment Agency (ACRDA) in December 2010 (Geocon, 2011). The on-Site building was demolished during 2011.

2.1.2 16349 East 14th Street

This parcel was occupied by a building constructed in approximately 1910 and used as a blacksmith shop prior to 1968. As of December 2010, the building was occupied by a window tinting business. Occupants between 1968 and the window tinting business reportedly were not determined. This property reportedly was purchased by the ACRDA in January 2011 (Geocon, 2011). The on-Site building was demolished during 2011.

2.2 PREVIOUS SITE INVESTIGATIONS AND REMOVAL ACTIONS

The reported analytical data were compared to the California Human Health Screening Levels (CHHSLs) (Cal/EPA, September 2010). The CHHSLs are used to screen sites for potential human health concerns where releases of hazardous chemicals to soils have occurred. Under most circumstances, the presence of a chemical in soil or soil gas at concentrations below the corresponding CHHSLs can be assumed not to pose a significant health risk. The San Francisco Regional Water Quality Control Board (Water Board 2008) also has developed Environmental Screening Levels (ESLs). The ESLs are a compilation of screening levels for not only risk to human health but a number of other environmental concerns. Per Cal/EPA guidance (January 2005), "The ESLs are intended for use only at sites overseen by that agency". If a CHHSL doesn't exist for a detected compound, Cal/EPA recommends using the Regional Screening Levels (RSLs) developed by the EPA (Region 9, 2009). In the event there are no CHHSLs or RSLs available, such as for petroleum hydrocarbons, Cal/EPA allows the data to be compared to ESLs. In addition, naturally occurring background concentrations of metals, such as arsenic (amongst others), in soil may exceed their respective CHHSLs. Cal/EPA generally does not require cleanup of soil to below background concentrations. This issue is frequently encountered with arsenic. Thus, for the metals detected, these data also were compared to regional background levels (Bradford, 1996).

2.2.1 16301 East 14th Street

A series of soil, soil vapor and ground water quality investigations have been performed on-Site in association with the investigations performed on the Holland Oil facility. A majority of the samples were collected from off-Site areas. Investigation activities performed on-Site included the drilling of six exploratory borings for the collection of soil samples, the installation and sampling of six soil vapor probes, and the installation of one ground water monitoring well (MW-9). An additional monitoring well, MW-3, was formerly located near the northwest corner of the Site (Figure 2) (Ninyo & Moore, 2009). Selected results are discussed below.

Soil Quality

Exploratory borings B-2, B-7, SB-11 and SB-12 were drilled during 2007 and 2008 in the southwest portion of the Site that overlapped the Holland Oil facility. Laboratory analyses of soil samples collected from the upper approximately 2 feet reportedly detected up to 15,000 parts per million (ppm) total petroleum hydrocarbons in the diesel range (TPHd) and 4,600 ppm total petroleum hydrocarbons in the kerosene range (TPHk). Concentrations generally appeared to decrease with depth; TPHd was detected at 1.2 ppm in the sample collected from a depth of approximately 6 ½ feet from boring B-2. TPHd was detected at 2,300 ppm at a depth of approximately 8 feet in boring SB-11, but was not detected at a depth of approximately 11 feet. The residential/unrestricted ESL for TPHd and TPHk is 83 ppm.

Several volatile organic compounds (VOCs) were detected in the soil samples, including naphthalene detected at 2.7 ppm and 15 ppm in the soil samples collected from a depth of approximately 3 feet and 8 feet from boring SB-11. In addition, 4 ppm naphthalene reportedly was detected in the soil sample collected from a depth of approximately 2 feet from boring SB-12 (Ninyo & Moore, 2009). The residential/unrestricted ESL for naphthalene is 1.3 ppm.

Borings SB-9 and SB-10 were reportedly drilled in the central portion of the Site outside the area formerly occupied by Holland Oil. Laboratory analyses of soil samples collected from these two borings reportedly did not detect petroleum hydrocarbons or naphthalene. Acetone (up to 0.34 ppm; unrestricted ESL = 0.5 ppm), 2-Butanone (up to 0.07 ppm; no ESL established), and carbon disulfide (up to 0.0045 ppm; no ESL established) reportedly were detected in soil samples (Ninyo & Moore, 2009).

Soil Vapor Quality

Six soil vapor probes reportedly were installed during October 2008 in the area of the planned youth center building. Soil vapor samples reportedly were collected from a depth of approximately 5 feet. Several VOCs were detected in the soil vapor samples but at concentrations below unrestricted ESLs. VOCs detected were benzene (2 µg/m³ in one sample; unrestricted ESL = 84 µg/m³), 2-Butanone (13 µg/m³ maximum; no ESL established), acetone (610 µg/m³ maximum; unrestricted ESL = 66,000 µg/m³), carbon disulfide (4.6 µg/m³ in one sample; no ESL established), toluene (19 µg/m³ maximum; unrestricted ESL = 63,000 µg/m³), and xylene (17 µg/m³ maximum; unrestricted ESL = 21,000 µg/m³) (Ninyo & Moore, 2008).

Ground Water Quality

Ground water reportedly is present at a depth of approximately 8 feet below the original ground surface and flows toward the northwest. Ground water monitoring well MW-9 formerly was located on the central portion of the Site, and ground water monitoring well MW-3 formerly was located within approximately 25 feet of the northwest corner of the Site. Laboratory analyses of ground water samples collected from well MW-9 during October 2008 reportedly did not detect TPHd, TPHg, or VOCs. Laboratory analyses of ground water samples collected from well MW-3 during July 2007 reportedly detected 62 parts per billion (ppb) TPHd. TPHg and VOCs reportedly were not detected. In addition, laboratory analyses of ground water samples collected from well MW-3 during October 2008 did not detect TPHd, TPHg or VOCs (Ninyo & Moore, 2009).

2.2.2 16343 and 16349 East 14th Street

To evaluate potential impacts to these two parcels from the former Holland Oil facility, two ground water grab samples (SB-1 and SB-2) were reportedly collected from the Site during December 2010. Ground water reportedly was encountered at depths of approximately 7 ½ feet to 8 ½ feet. Laboratory analyses of the ground water grab samples reportedly did not detect TPHg, TPHg, Total Petroleum Hydrocarbons in the motor oil range (TPHmo), Total Petroleum Hydrocarbons in the kerosene range (TPHk), Total Petroleum Hydrocarbons in the Stoddard solvent range (TPHss), or VOCs (Geocon, 2011).

Laboratory analyses of soil samples collected from a depth of approximately 5 feet from each boring did not detect petroleum hydrocarbons or VOCs, with the exception of 5.8 ppm TPHd and 20 ppm TPHmo detected in one of the two soil samples (Geocon, 2011).

2.2.3 September 2009 Removal Action

A Corrective Action Plan (CAP) was prepared for the over-excavation and removal of petroleum impacted soil identified on the Holland Oil facility. The CAP was approved by County Health. Planned excavations included two areas (B1 and B2) within the area where the oil facility operations extended onto the southwest portion of the Site (Figure 2). Excavations B1 and B2 were to be excavated to a depth of approximately 6 feet and were located in the areas where prior borings encountered soil with petroleum hydrocarbon and naphthalene concentrations above ESLs. In addition, the CAP also included the excavation of soil to a depth of approximately 1 foot over the remainder of the Holland Oil facility (designated as Area C), including the portion that extended onto the Site (Amicus, 2009).

Soil removal activities were performed during September 2009. Approximately 200 cubic yards of soil were removed from each of the B1 and B2 excavations to a depth of approximately 6 feet. Four sidewall samples were collected from a depth of approximately 3 feet from each location and one bottom sample was collected. The verification soil samples were analyzed for TPHg and TPHd. Laboratory analyses reportedly did not detect TPHd or TPHg above the residential/unrestricted ESL of 83 ppm, with the exception of 210 ppm TPHd detected in the bottom soil sample from excavation B2. This soil sample location reportedly was re-sampled, and laboratory analysis of the second sample reportedly detected 9.1 ppm TPHd. The ACDEH approved leaving this soil in-place. Verification sampling reportedly was not performed in the area of the Site excavated to a depth of approximately 1 foot (Ninyo & Moore, 2009).

The lower portion of excavations B1 and B2 were backfilled with the soil excavated and stockpiled from Area C that contained up to 220 ppm TPHd and 0.15 ppm polychlorinated biphenyls (PCBs). The remainder of the excavation reportedly originated from the northeast corner of 16301 East 14th Street (off-Site) in an area reportedly used as a car dealership. Because historical documentation reportedly did not indicate any environmental concerns associated with the northeast portion of the parcel, no samples of the material reportedly were collected for laboratory analyses (Ninyo & Moore, 2009).

2.3 GEOTECHNICAL INVESTIGATION

Based on a geotechnical investigation performed during September 2009, subsurface materials reportedly observed on-Site consisted of stiff clay and clayey sand fill to a depth of approximately 2 ½ to 3 feet. Alluvial soil consisting of lean clay, fat clay, clayey sand and silty sand reportedly was observed beneath the fill the maximum depth explored of approximately 50 feet (Ninyo & Moore, 2011).

Remedial grading consisting of the excavation of the undocumented fill was recommended. Use of the excavated fill as backfill was acceptable provided the material meets the project geotechnical requirements (Ninyo & Moore, 2011).

2.4 AUGUST 2011 CONSTRUCTION ACTIVITIES

Grading activities began on-Site on August 16, 2011. The deeper (6 feet deep) excavations previously backfilled (excavations B1 and B2) were initially over-excavated and the material stockpiled on-Site. The remainder of the Site was to be over-excavated to a depth of approximately 3 feet for re-compaction as engineered fill as discussed above. During this initial excavation process, soil with significant petroleum odors reportedly were encountered. The excavation was stopped pending additional soil quality evaluation, discussed below in Section 3. Approximately 1,000 cubic yards of excavated soil were stockpiled on-Site.

To help evaluate re-use or disposal alternatives of the excavated soil, three composite soil samples were collected by Rockridge Geotechnical from the excavated and stockpiled soil. Laboratory analyses of the composite soil samples detected TPHd and TPHo at concentrations of up to 220 parts per million (ppm) and 970 ppm, respectively. Laboratory analyses also detected total polychlorinated biphenyls (PCBs) ranging from 0.089 ppm to 0.162 ppm. Concentrations of metals detected generally appeared to be consistent with typical background levels, with the exception of lead detected from 92 ppm to 120

ppm. Lead concentrations in California soils typically ranges from approximately 12 ppm to 97 ppm (Bradford, 1996). The residential/unrestricted CHHSL for lead is 80 ppm.

The composite soil samples were additionally analyzed for soluble lead (Soluble Threshold Limit Concentration [STLC]) to help evaluate disposal alternatives. Laboratory analyses detected soluble lead at concentrations ranging from 0.11 ppm to 0.2 ppm. The California hazardous waste limit for soluble lead is 5 ppm.

SECTION 3: AUGUST 2011 SOIL QUALITY INVESTIGATION

3.1 SOIL SAMPLE COLLECTION

An informal sampling and analyses plan prepared by Cornerstone was approved by County Health prior to the fieldwork.

To help evaluate the lateral and vertical extent of petroleum impacted soil encountered during the initial grading activities, twenty-one exploratory test pits were excavated on August 30, 2011 to a depth of approximately 5 feet below original ground surface. Test pit locations were selected using a 50 foot grid. Some of the test pits (TP-14 through TP-19, TP-21 and TP-22) were excavated in the area that already had been excavated to a depth of approximately 3 feet. Therefore, these pits were excavated an additional 2 feet for a total of 5 feet below original grade. In addition, test pit TP-20 was located in the former B2 excavation area that had already been excavated to approximately 6 feet below original grade. This test pit was excavated an additional approximately 2 feet deeper, to a depth of approximately 8 feet below original grade, to collect soil samples from the depth where prior sampling had detected TPHd and naphthalene above residential/unrestricted ESLs.

Soil samples were collected from test pits TP-1 to TP-13 from depths of approximately ½ to 1 foot, 2 to 2 ½ feet, 3 to 3 ½ feet, and 4 ½ to 5 feet. From test pits TP-14 to TP-19, TP21 and TP-22 soil samples were collected from the upper ½ of soil and from the base of the test pits (approximately 3 to 3 ½ feet and 4 ½ to 5 feet below original grade). In addition, a soil sample was collected from the base of test pit TP-20 (approximately 8 to 8 ½ feet below original grade) in the general area of previous boring SB-11 (see Section 2.2.1).

Soil samples were collected in pre-cleaned stainless steel liners, the ends of the liners were covered in Teflon film, fitted with plastic end caps, taped, and labeled with a unique identification number. According to EPA protocol, samples collected for VOCs analyses were collected in 5-gram Core-N-1 capsules in triplicate.

Soils observed in the test pits generally consisted of gravelly clay fill to a depth of approximately 2 to 3 feet below the ground surface. A layer of dark grey sandy material was observed at a depth of approximately 1 to 2 feet in test pit TP-7. In addition, asphalt, glass fragments and possible charcoal fragments were observed in the fill in test pit TP-9 between approximately 2 to 3 feet below the ground surface. Native clay was observed beneath the fill to a depth of approximately 4 feet below the ground surface, and was underlain by sandy clay to the maximum depth explored of approximately 8 feet below the ground surface.

3.2 LABORATORY ANALYSES

To help evaluate the lateral and vertical extent of impacted soil encountered during the initial grading activities, soil samples collected from depths of approximately ½ to 1 foot, 2 to 2 ½ feet, 3 to 3 ½ feet and 4 ½ to 5 feet below the ground surface were analyzed for TPHg and volatile organic compounds (VOCs) (EPA Test Method 8260), TPHd and TPHmo (EPA Test Method 8015M) with a silica gel cleanup. In addition, due to the presence of undocumented fill on-Site, the soil samples were additionally analyzed for organochlorine pesticides (OCP) and PCBs (EPA Test Method 8081/8082), 17 California Assessment Manual (CAM) metals (EPA Test Method 6000/7000) and polynuclear aromatic hydrocarbons (PAHs)

(EPA Test Method 8270SIM). The soil sample collected from a depth of approximately 8 to 8 ½ feet from test pit TP-20 was analyzed for TPHg, VOCs, TPHd and TPHmo to evaluate current soil quality in the general area of previous boring SB-11.

To help evaluate disposal alternatives of the soil, samples exceeding 50 ppm lead were additionally analyzed for soluble lead using the Waste Extraction Test (WET) (Soluble Threshold Limit Concentration [STLC]). Samples exceeding 1,000 ppm total lead were analyzed for soluble lead using the federal Toxicity Characteristic Leaching Procedure (TCLP).

Laboratory analytical results are summarized in Tables 1, 2, 3 and 4 in the Data Summary Tables section of this report. Laboratory analytical reports are presented in Appendix A.

3.3 DISCUSSION OF RESULTS

Laboratory analyses of the soil samples did not detect TPHg, VOCs or OCPs above regulatory agency screening levels.

Laboratory analyses of soil samples detected TPHd and TPHmo above the residential/unrestricted ESLs of 83 ppm and 370 ppm, respectively, in soil samples collected from test pits TP-1 (110 ppm TPHd at ½ to 1 foot), TP-8 (2,100 ppm TPHd at ½ to 1 foot; 4,200 ppm TPHmo at ½ to 1 foot), TP-11 (150 ppm TPHd at ½ to 1 foot; 660 ppm TPHmo at ½ to 1 foot), TP-14 (180 ppm TPHd at 3 to 3 ½ feet; 670 ppm TPHd at 4 ½ to 5 feet), and TP-18 (2,700 ppm TPHd at 3 to 3 ½ feet; 4,900 ppm TPHmo at 3 to 3 ½ feet). Concentrations detected decreased with depth; the vertical extent of the petroleum impacted soil is not defined at TP-14 and TP-18. Test pits TP-8, TP-14 and TP-18 were located in the northwest portion of the Site that formerly overlapped the Holland Oil facility.

Lead was detected in 7 of 67 soil samples above the residential/unrestricted CHHSL of 80 ppm. Concentrations in these 7 soil samples ranged from 140 ppm (TP-19, 3-3 ½ feet) to 1,700 ppm (TP-13, 2-2 ½ feet); 1,500 ppm lead was detected in the soil sample collected from a depth of approximately 2 to 2 ½ feet from TP-9. The California hazardous waste limit for total lead is 1,000 ppm. The elevated lead concentrations generally appeared to be detected in soil samples collected from the fill within the upper approximately 2 to 3 ½ feet. Based on the soluble lead STLC results that exceeded 5 ppm, soil exceeding the residential/unrestricted CHHSL may require off-Site disposal as a California hazardous waste. In addition, 11 ppm soluble lead was detected in sample TP-8 (1 – 1 ½), which had a detected total lead concentration of 57 ppm. Sample TP-10 (2 – 2 ½) was inadvertently analyzed for soluble lead, which was detected at 110 ppm. Because total lead was detected at 39 ppm in this sample, the soluble lead result may be anomalous.

PCBs were detected exceeding the residential/unrestricted CHHSL of 0.089 ppm in two out of 67 soil samples: TP-8 (½ to 1 foot) (0.22 ppm total PCBs), and; TP-11 (½ to 1 foot) (0.19 ppm total PCBs).

PAHs were detected above residential CHHSLs and RSLs in two of 69 samples analyzed (TP-7 [1 – 1 ½ foot and TP-8 [½ to 1 foot]). Soil sample TP-7 (1 to 1 ½ foot) was collected from a layer of black sand-like material observed in the test pit between depths of approximately 1 to 2 feet. As noted above, the building that formerly occupied the area of the Site where TP-7 was excavated reportedly was used as a blacksmith shop.

SECTION 4: CLEANUP GOALS

As noted in Section 1.3, ACGSA desires to obtain a no-further-action determination from ACDEH for unrestricted Site use. Therefore, residential/unrestricted ESLs, CHHSLs and RSLs are proposed for the Site cleanup goals. For zinc, the California hazardous waste limit is lower than the residential/unrestricted CHHSL and is proposed as the cleanup goal for the Site. Contaminants of concern (COC) identified for the Site (constituents detected above residential/unrestricted screening levels) and the corresponding cleanup goals are presented in Table 5.

Based on analytical results of previous ground water quality investigations (see Section 2.2.1), ground water beneath the Site does not appear significantly impacted by diesel or oil range petroleum hydrocarbons. Therefore, the direct exposure ESL for TPHd and TPHmo are proposed as the cleanup goals. In the deeper (6 feet deep) excavation area, if TPHd and/or TPHo are detected above the cleanup goals, we will discuss with County Health whether a health risk assessment could be performed to evaluate whether the soil may remain in-place or whether additional excavation is required.

Table 5. Cleanup Goals

Contaminant	Residential/Unrestricted Site Use Cleanup Goal (ppm)	Basis
Arsenic	11	Background*
Cadmium	1.7	CHHSL
Lead	80	CHHSL
Zinc	5,000	TTLC
PCBs (total)	0.089	CHHSL
Benzo[a]anthracene	0.15	RSL
Benzo[b]flouranthene	1.5	RSL
Benzo[a]pyrene	0.038	CHHSL
Ideno[1,2,3-cd]pyrene	0.15	RSL
Dibenzo[a,h]anthracene	0.015	RSL
TPHd	110	ESL (direct contact)
TPHo	370	ESL (direct contact)

*Bradford, et.a., 1996.

SECTION 6: SOIL EXCAVATION

6.1 SUMMARY OF APPROACH

As a conservative approach, the soil remedial approach selected by the ACGSA is the over-excavation and off-Site disposal of the surficial fill to a depth of approximately 3 feet. In addition, soil will be excavated to a depth of approximately 6 feet in the northwest portion of the Site, including the area of test pits TP-14 and TP-18 (Figure 2).

6.2 INITIAL SOIL SEGREGATION AND DISPOSAL

Based on the analytical data, some of the soil may require disposal as a California hazardous waste at a Class I disposal facility. Soil samples collected from test pits TP-3, TP-5, TP-7, TP-8, TP-9, TP-10, TP-13, TP-14 and TP-19 contained lead that exceeded California hazardous waste limits. To segregate soil at these locations from remaining soil and to help evaluate disposal alternatives, soil at these locations will be initially excavated to a depth of approximately 3 feet and stockpiled on-Site adjacent to the excavations. The stockpiles will be placed on plastic sheeting. Verification soil samples will be collected from the sidewalls of the excavations and analyzed for total lead at a state certified laboratory. If lead concentrations do not exceed 50 ppm lead (ten times the STLC limit), additional excavation will not be performed. In addition, one 4-point composite sample will be collected from the excavated/stockpiled soil at each of these locations. Each composite soil sample will be analyzed for total lead and soluble lead (STLC and TCLP) to evaluate disposal alternatives.

Stockpiled soil that exceeds hazardous waste limits will be removed for off-Site disposal at a Class I facility. Soil that is accepted for disposal as a non-hazardous waste will be removed for disposal during the subsequent excavation discussed below.

Because the verification soil sampling performed during this phase is for waste segregation purposes and not for determining the extent of cleanup, these results will not be submitted to the County Health for review until submission of the completion report discussed below.

6.3 EXCAVATION AND OFF-SITE DISPOSAL OF SURFICIAL FILL

After removal of soil for Class I disposal, the remainder of the Site will be excavated to a depth of approximately 3 feet. The intent of the 3 foot deep excavation is to remove the surficial fill material. An environmental professional will be present on-Site part time during the excavation to observe the fill removal and guide the contractor in additional excavation if pockets of deeper fill are observed. The extent of the approximately 3 feet deep excavation is shown on Figure 3. Excavation depths will be surveyed by a licensed surveyor to document that the soils were excavated to a depth of 3 feet.

Analytical results of soil samples collected from the exploratory test pits excavated August 30, 2011 from the 3 feet excavation area will be used as verification points for the vertical excavation (test pits TP-1 to TP-13, TP-15, TP-16, TP-17, TP-19, TP-21 and TP-22). Laboratory analyses of soil samples collected from depths of 3 feet and below from these test pits did not detect COCs above the proposed cleanup goals. As approved by County Health during a meeting on September 22, 2011, no additional verification samples will be collected from the area of the Site excavated for the removal of the surficial fill.

The soil will be excavated and directly loaded onto trucks for transportation to a Class II disposal facility.

6.4 EXCAVATION AND OFF-SITE DISPOSAL OF SOIL FROM NORTHWEST AREA OF SITE

Soil in the northwest portion of the Site (Figure 3) will be excavated to a depth of approximately 6 feet. This soil will be direct loaded onto trucks for transportation to a Class II non-hazardous waste disposal facility.

To confirm soil quality, verification soil samples will be collected from the base of the excavation, at a depth of approximately 6 feet, from the areas of test pits TP-14 and TP-18. The verification soil samples will be submitted to a State certified laboratory and analyzed for TPHd and TPHmo (EPA Test Method 8015M) with a silica gel cleanup and VOCs (EPA Test Method 8260).

Soil samples will be collected in pre-cleaned stainless steel liners, the ends of the liners will be covered in Teflon film, fitted with plastic end caps, taped, and labeled with a unique identification number. According to EPA protocol, samples collected for VOCs analyses will be collected in 5-gram Core-N-1 capsules in triplicate.

Analytical results will be compared to Site cleanup goals summarized in Section 4. If one or more COC is detected above the Site cleanup goals, results will be discussed with County Health staff to determine whether additional excavation will be required.

6.5 IMPLEMENTATION

6.5.1 Contractor Qualification

Soil excavation activities will be performed by a licensed hazardous materials contractor (Contractor), and personnel with training in hazardous waste operations (40-hour OSHA Training).

6.5.2 Permitting

A grading permit already has been obtained for the work by ACGSA. The Contractor will notify the Bay Area Air Quality Management District (BAAQMD) and Occupational Safety and Health Association (OSHA) of the work. Permits are not anticipated from these agencies.

6.5.3 Utility Clearance

To attempt to locate public underground utilities, and as required by law, the soil excavation contractor shall mark the work area with white spray paint and contact Underground Service Alert (USA) at least 48 hours prior to the initiation of earthwork activities.

6.5.4 Health and Safety Plan

The Contractor performing the excavation, loading and transportation will be responsible for operating in accordance with the most current requirements of Title 8, California Code of Regulations, section 5192 (8 CCR 5192) and Title 29, Code of Federal Regulations, section 1910.120 (29 CFR 1910.120), Standards for Hazardous Waste Operations and Emergency Response (HAZWOPER). On-Site personnel are responsible for operating in accordance with all applicable regulations of the Occupational Safety and Health Administration (OSHA) outlined in 8 CCR General Industry and Construction Safety Orders and 29 CFR 1910 and 29 CFR 1926, Construction Industry Standards, as well as other applicable federal, state and local laws and regulations. All personnel shall operate in compliance with all California OSHA requirements.

A Site-specific health and safety plan (HASP) will be prepared by the excavation contractor to establish health and safety protocols for personnel working in the impacted areas. This HASP meets federal and State of California (OSHA) standards for hazardous waste operations (29 CFR 1910.120 and 8 CCR 5192).

The Contractor will be responsible for the health and safety of their own workers, including but not limited to preparation of their own HASP and injury and illness prevention plan (IIPP). The Contractor's HSP will establish health and safety protocols for Contractor personnel in accordance with federal and State of California OSHA standards. The HASP shall contain provisions for limiting chemical exposure to construction workers, chemical and non-chemical hazards, emergency procedures, and standard safety protocols. Employees conducting earthwork activities at the Site shall complete a 40-hour HAZWOPER training course (29 CFR 1910.120 (e)), including respirator and personal protective equipment training.

6.5.5 Site Security

The entire property is fenced. Access and egress will be controlled via a gate on East 14th Street. The gate will be locked after working hours. Access to the Site will be limited to authorized personnel.

6.5.6 Decontamination Procedures

Decontamination procedures of equipment that comes into contact with Site soil may include both dry and/or wet methods. Dry methods are the primary means of decontamination and consist of brushing and scraping of equipment to remove soil. If dry methods are not effective, wet methods may be used such as steam cleaning or pressure washing without detergent. The Contractor shall provide washtubs with soap and water and rinse tubs for the cleaning of reusable equipment.

Water used for on-Site decontamination will be collected and applied to the bioremediation area as part of the moisture conditioning of the soil.

6.5.7 Dust and Erosion Control

The Contractor will utilize effective means of dust and erosion control to minimize the generation of dust and erosion associated with excavation activities, truck and vehicle traffic onto and off the Site, and the effects of ambient wind traversing exposed soil. Total dust levels and erosion shall be mitigated during Site activities, as necessary, using a combination of engineering controls that may include:

- Misting or spraying water during soil excavation and loading of soil transportation vehicles

- Minimizing drop heights of soil during loading/unloading activities
- Minimizing (as appropriate) water used in dust control
- Rapid cleanup of soil dropped or tracked onto paved roadways
- Temporary gravel surfacing placed along site entrances/exits

If visible dust is observed by Site personnel, dust control measures will be increased.

6.5.8 Storm Water Pollution Controls

A Storm Water Pollution Prevention Plan (SWPPP) already has been prepared for the Site. The Contractor is required to follow the storm water pollution controls presented in the SWPPP.

6.6 BACKFILLING

Soil will be imported to backfill the Site to the final design elevations. The grading contractor is required to place and compact backfill in accordance with the project geotechnical engineer's specifications.

The grading contractor will be required to provide adequate documentation so it can be verified that the fill source is appropriate for unrestricted use at the Site. The documentation should include detailed information on previous land use of the fill source, any environmental site assessments performed and the findings, and the results of any analytical testing performed. If no documentation is available or the documentation is inadequate, or if no analytical testing has been performed, samples of the potential fill material should be collected and analyzed. The analyses performed should be based on the fill source and knowledge of the previous land use. The sample frequency for potential fill material should be in accordance with that outlined in the technical document titled, "*Information Advisory on Clean Imported Fill Material*" (DTSC, October 2001). A copy of this guidance is included in Appendix C. Documentation of the quality/source of the imported soil will be presented in the completion report (Section 7.5), if provided to Cornerstone Earth Group.

6.7 SOIL EXCAVATION COMPLETION REPORT

The results of the confirmation soil sampling, disposal documentation, and documentation provided regarding the quality of the imported soil will be presented in a Soil Removal Completion Report.

SECTION 7.0 VAPOR INTRUSION CONTROL MEASURES

Although significant concentrations of VOCs have not been reported in soil vapor or ground water beneath the Site, as a conservative measure, ACGSA plans to install a spray-applied (minimum of 80 mil thickness) vapor membrane beneath the floor of the new building. Details of the membrane design are not yet available but will be submitted to County Health for review prior to construction.

SECTION 8.0: SCHEDULE

It is anticipated that the soil removal will begin within approximately 1 week of receiving approval of this work plan by County Health. Performance of the work is anticipated to take approximately two to three weeks to complete. Analytical results will be forwarded to County Health for their review when received from the laboratory. Preparation of the Soil Removal Completion Report will take approximately one additional week to complete after receiving the analytical results and disposal documentation.

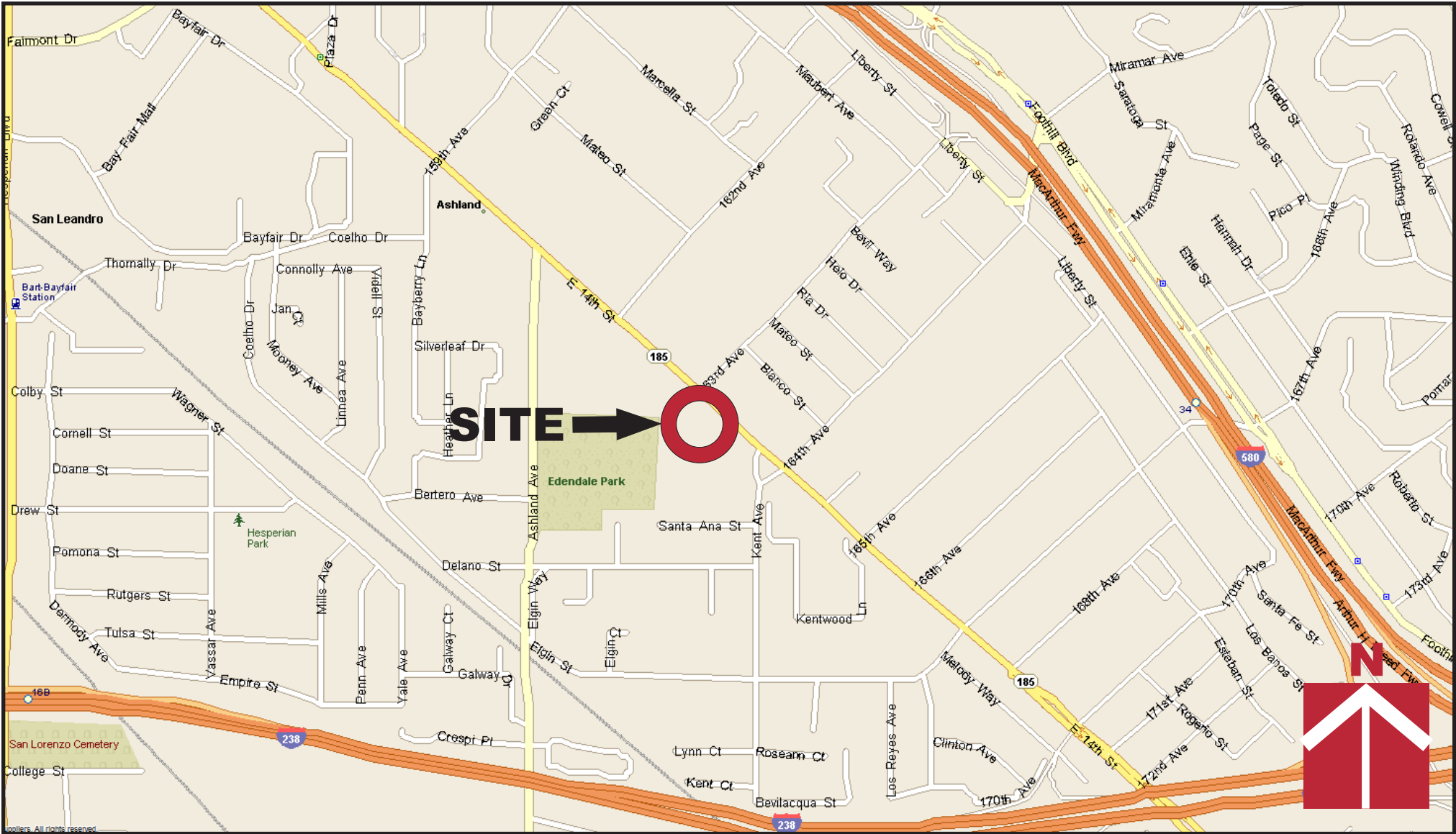
SECTION 9.0: LIMITATIONS

This work plan was prepared for the sole use of Sandis, ACGSA and County Health in evaluating the proposed soil removal at the Site. This work plan, an instrument of professional service, may not be reproduced or distributed without written authorization from Cornerstone.

Cornerstone makes no warranty, expressed or implied, except that our services have been performed in accordance with the environmental principles generally accepted at this time and location.

SECTION 10.0: REFERENCES

- Amicus. May 28, 2009. Corrective Action Plan, HARD-RDA Holland Park Property, 16301 East 14th Street, San Leandro (Ashland District), California
- Bradford, et.al. May 1996. *Trace Concentrations of Trace and Major Elements in California Soil*.
- Geocon Consultants, Inc. February 7, 2011. Phase I Environmental Site Assessment, 16343 and 16349 E. 14th Street, San Leandro, California
- Geocon Consultants, Inc. February 8, 2011. Limited Site Investigation Report, 16343 and 16349 E. 14th Street, San Leandro, Alameda County, California
- Ninyo & Moore. December 11, 2008. Site Assessment Report, Former Holland Oil Property, 16301 East 14th Street, San Leandro, California
- Ninyo & Moore. December 28, 2009. Corrective Action Plan Implementation and Closure Report, HARD-RDA Holland Park Property, 16301 East 14th Street, San Leandro, California
- Ninyo & Moore. April 27, 2011. Geotechnical Evaluation, Ashland Youth Center, 16301 East 14th Street, San Leandro, California
- Ninyo & Moore. May 24, 2011. Site Management Plan, HARD-RDA Holland Park Property, 16301 East 14th Street, San Leandro, California



Vicinity Map

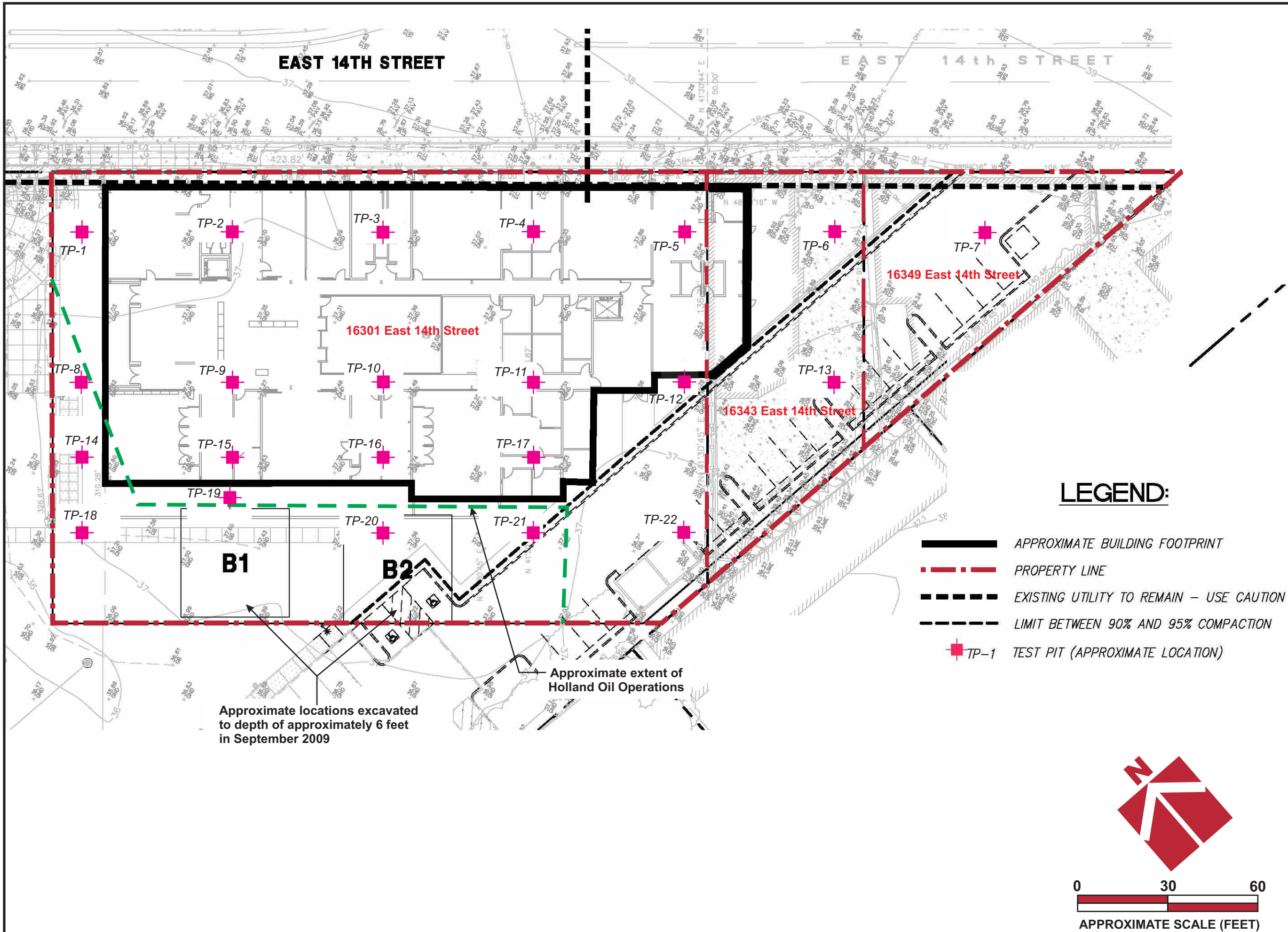
Ashland Youth Center
 16335 East 14th Street
 San Lorenzo, CA

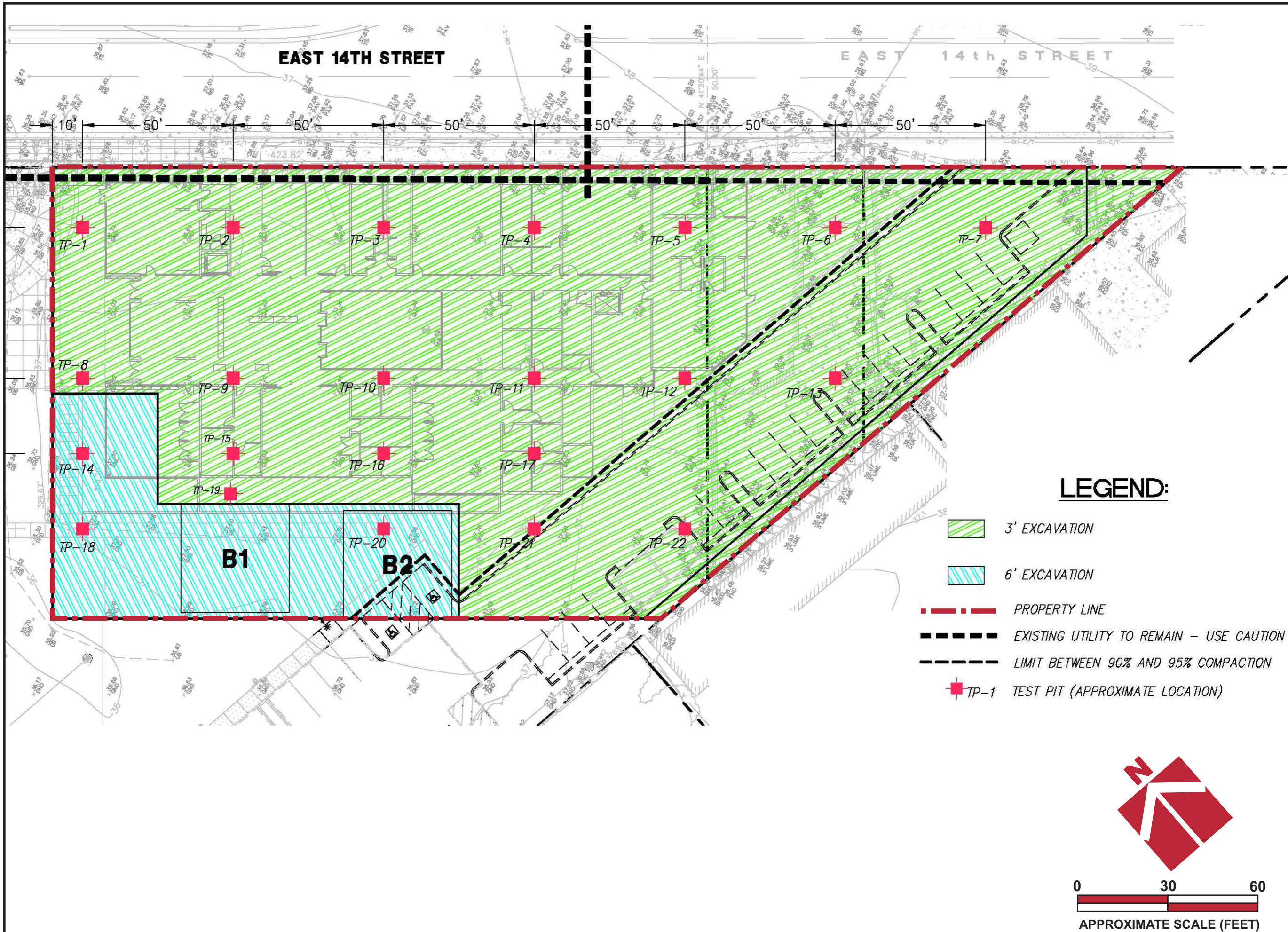
Project Number
 165-10-1

Figure Number
 Figure 1

Date September 2011 Drawn By RRN







Project Number
165-11-1

Figure Number
Figure 3







Date
September 2011

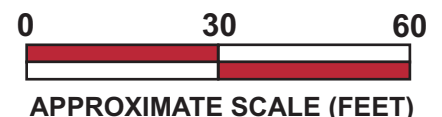
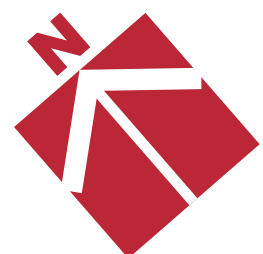
Drawn By
RRN

Soil Excavation Plan

Ashland Youth Center
16335 East 14th Street
San Lorenzo, CA

LEGEND:

-  3' EXCAVATION
-  6' EXCAVATION
-  PROPERTY LINE
-  EXISTING UTILITY TO REMAIN - USE CAUTION
-  LIMIT BETWEEN 90% AND 95% COMPACTION
-  TP-1 TEST PIT (APPROXIMATE LOCATION)



Base by Sandis, "Soils Management Excavation Work Plan," dated 9/29/2011



ANALYTICAL DATA SUMMARY TABLES

Table 1. Analytical Results of Selected Soil Samples - Petroleum Hydrocarbons and VOCs

(Concentrations in mg/Kg [ppm])

Sample ID	Depth (feet) below ground surface*	Depth (feet) below original ground surface**	TPH as Gasoline	TPH as Diesel	TPH as Motor Oil	Acetone	2-Butanone	4-Methyl-2-Pentanone	Toluene	Xylene	1,2,4-Trimethylbenzene
TP-1 (1/2-1)	1/2 - 1	1/2 - 1	<0.21	110Y	290	<0.020	<0.0099	<0.0099	<0.005	<0.005	<0.005
TP-1 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.24	1.2Y	8.1	<0.022	<0.0056	<0.0011	<0.0056	<0.0056	<0.0056
TP-1 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.19	<1.0	<5.0	<0.015b	<0.0037b	<0.0074b	<0.0037b	<0.0037b	<0.0056b
TP-2 (1 - 1 1/2)	1 - 1 1/2	1 - 1 1/2	<1.1	<0.99	<5.0	<0.018	<0.0092	<0.0092	<0.0046	<0.0046	<0.0046
TP-2 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.18	2.1Y	8.2	0.048	0.015	<0.0092	<0.0046	<0.0046	<0.0046
TP-2 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.16b	<0.99	<5.0	0.043b	<0.0084b	<0.0084b	<0.0042b	<0.0042b	<0.0042b
TP-2 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.17b	<1.0	<5.0	0.017b	<0.0084b	<0.0084b	<0.0042b	<0.0042b	<0.0042b
TP-3 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.17	11Y	99	<0.017	<0.0087	<0.0087	<0.0043	<0.0043	<0.0043
TP-3 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.19	14Y	88	<0.017	<0.0084	<0.0084	<0.0042	<0.0042	<0.0042
TP-3 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.18b	<1.0	<5.0	<0.017b	<0.0084b	<0.0084b	<0.0042b	<0.0042b	<0.0042b
TP-3 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.17b	<1.0	<5.0	<0.017b	<0.0086b	<0.0086b	<0.0043b	<0.0043b	<0.0043b
TP-4 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.17	2.4Y	7	<0.021	<0.011	<0.011	<0.0053	<0.0053	<0.0053
TP-4 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.17	<1.0	5.5	<0.015	<0.0077	<0.0077	<0.0038	<0.0038	<0.0038
TP-4 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.18b	11Y	12	<0.015b	<0.0077b	<0.0077b	<0.0038b	<0.0038b	<0.0038b
TP-4 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	---	<1.0	<5.0	---	---	---	---	---	---
TP-5 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.16	28Y	230	<0.016	<0.0081	<0.0081	<0.0040	<0.0040	<0.0040
TP-5 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.17	4.7Y	44	<0.018	<0.0089	<0.0089	<0.0044	<0.0044	<0.0044
TP-5 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.18b	<1.0	<5.0	<0.016b	<0.0081b	<0.0081b	<0.004b	<0.004b	<0.004b
TP-5 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	---	<1.0	<5.0	---	---	---	---	---	---
TP-6 (1 - 1 1/2)	1 - 1 1/2	1 - 1 1/2	<0.17	1.2Y	8.1	<0.019	<0.0093	<0.0093	<0.0046	<0.0046	<0.0046
TP-6 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.19b	1.1Y	8.5	<0.018	<0.0090	<0.0090	<0.0045	<0.0045	<0.0045
TP-6 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.23b	<1.0	<5.0	<0.017b	<0.0087b	<0.0087b	<0.0044b	<0.0044b	<0.0044b
TP-6 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	---	<1.0	<5.0	---	---	---	---	---	---
TP-7 (1 - 1 1/2)	1 - 1 1/2	1 - 1 1/2	<0.20	81	84	<0.019	<0.0094	<0.0094	<0.0047	<0.0047	<0.0047
TP-7 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.18	1.3Y	7.4	<0.019	<0.0094	<0.0094	<0.0047	<0.0047	<0.0047
TP-7 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.19	<1.0	<5.0	<0.016	<0.0081	<0.0081	<0.0040	<0.0040	<0.0040
TP-7 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	---	<1.0	<5.0	---	---	---	---	---	---
TP-8 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.28	2,100Y	4,200	<0.020	<0.010	0.012	0.0058	0.019	0.0093
TP-8 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.18	100Y	240	0.024	<0.0082	<0.0082	<0.0041	<0.0041	<0.0041
TP-8 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.19b	87	400	0.056b	<0.0088b	<0.0088b	<0.0044b	<0.0044b	<0.0044b
TP-8 (5 - 5 1/2)	5 - 5 1/2	5 - 5 1/2	<0.17	3.7Y	7.4	<0.017	<0.0083	<0.0083	<0.0041	<0.0041	<0.0041
TP-9 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.19	17Y	200	<0.020	<0.010	<0.010	<0.0051	<0.0051	<0.0051
TP-9 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.20b	23Y	24	<0.021b	<0.011b	<0.011b	<0.0053b	<0.0053b	<0.0053b
TP-9 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.19	<1.0	<5.0	0.041	<0.0092	<0.0092	<0.0046	<0.0046	<0.0046
TP-9 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	---	<1.0	<5.0	---	---	---	---	---	---
TP-10 (1 - 1 1/2)	1 - 1 1/2	1 - 1 1/2	<0.19	23Y	150	<0.017	<0.0087	<0.0087	<0.0043	<0.0043	<0.0043
TP-10 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.18b	1.4Y	5.7	<0.018b	<0.0089b	<0.0089b	<0.0044b	<0.0044b	<0.0044b
TP-10 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.17	<1.0	<5.0	<0.017	<0.0083	<0.0083	<0.0042	<0.0042	<0.0042
TP-10 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	---	1.2Y	<5.0	---	---	---	---	---	---
TP-11 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.20	150Y	660	<0.017	<0.0087	<0.0087	<0.0043	<0.0043	<0.0043
TP-11 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.22	78Y	390	<0.017	<0.0082	<0.0082	<0.0042	<0.0042	<0.0042
TP-11 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.17b	<0.99	<5.0	<0.016b	<0.0082b	<0.0082b	<0.0041b	<0.0041b	<0.0041b
TP-11 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	---	1.8Y	9.0	---	---	---	---	---	---
TP-12 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.19	56Y	670	<0.017	<0.0086	<0.0086	<0.0043	<0.0043	<0.0043
TP-12 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.17	<1.0	8.1	<0.017	<0.0087	<0.0087	<0.0043	<0.0043	<0.0043
TP-12 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.19b	<0.99	<5.0	<0.016b	<0.0081b	<0.0081b	<0.0041b	<0.0041b	<0.0041b
TP-12 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	---	<1.0	<5.0	---	---	---	---	---	---
TP-13 (1/2 - 1)	1/2 - 1	1/2 - 1	---	<0.99	<5.0	---	---	---	---	---	---
TP-13 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.17	39Y	260	<0.018	<0.0088	<0.0088	<0.0044	<0.0044	<0.0044
TP-13 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.19	<1.0	<5.0	<0.017	<0.0086	<0.0086	<0.0043	<0.0043	<0.0043
TP-13 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	---	<0.99	<5.0	---	---	---	---	---	---
TP-14 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.18	180Y	670	<0.021	<0.011	<0.011	<0.0053	<0.0053	<0.0053
TP-14 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	0.49Y	170Y	480	0.022	<0.0083	<0.0083	<0.0043	<0.0043	<0.0043
TP-15 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.18	5.0Y	11	0.055	0.012	<0.0089	<0.0044	<0.0044	<0.0044
TP-15 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.17	<1.0	<5.0	0.027	<0.0084	<0.0084	<0.0042	<0.0042	<0.0042
TP-16 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.17	<1.0	<5.0	0.035	<0.0083	<0.0083	<0.0042	<0.0042	<0.0042
TP-16 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.16	<1.0	<5.0	0.032	<0.0083	<0.0083	<0.0042	<0.0042	<0.0042
TP-17 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.17	<1.0	<5.0	<0.016	<0.0082	<0.0082	<0.0041	<0.0041	<0.0041
TP-17 (1 1/2 - 2)	1 - 1/2 - 2	4 1/2 - 5	<0.17b	<1.0	<5.0	<0.017b	<0.0084b	<0.0084b	<0.0042b	<0.0042b	<0.0042b
TP-18 (0 - 1/2)	0 - 1/2	3 - 3 1/2	0.31	2,700	4,900	<0.018	<0.0089	<0.0089	<0.0045	<0.0045	<0.0045
TP-18 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	0.69Y	970	2,400	0.028	0.0092	<0.0085	<0.0042	<0.0042	<0.0042
TP-19 (0 - 1/2)	0 - 1/2	3 - 3 1/2	0.20Y	<1.0	<5.0	0.074	0.02	<0.0093	<0.0046	<0.0046	<0.0046
TP-19 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.17b	<1.0	<5.0	0.041b	<0.008b	<0.008b	<0.004b	<0.004b	<0.004b
TP-20 (2 - 2 1/2)	2 - 2 1/2	8 - 8 1/2	46Y	24Y	27	<0.015	<0.0077	<0.0077	<0.0039	<0.0039	<0.0039
TP-21 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.17	1.4Y	6	<0.017	<0.0084	<0.0084	<0.0042	<0.0042	<0.0042
TP-21 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.16b	<0.99	<5.0	<0.016b	<0.008b	<0.008b	<0.004b	<0.004b	<0.004b
TP-22 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.15	<1.0	<5.0	<0.015	<0.0075	<0.0075	<0.0038	<0.0038	<0.0038
TP-22 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.18b	<1.0	<5.0	<0.017b	<0.0083b	<0.0083b	<0.0041b	<0.0041b	<0.0041b
Residential ESL ¹			83	83	370	0.5	NE	NE	2.9	2.3	NE
Residential RSL ¹			NE	NE	NE	61,000	NE	5,300	5,000	590	62

1 Environmental Screening Level. California Regional Water Quality Control Board - SF Bay Region. 2008
 < Not detected at or above the laboratory detection limit.
 NE None Established
 * Ground surface at the time of August 30, 2011 sampling
 ** Original (post demolition) ground surface prior to excavation activities
 Y Chromatogram pattern does not resemble standard
 b Sample was analyzed past 7 day holding time

Table 2. Analytical Results of Selected Soil Samples - Metals
(Concentrations in mg/Kg [ppm])

Sample ID	Depth (feet) below ground surface*	Depth (feet) below original ground surface**	Arsenic	Barium	Beryllium	Cadmium	Total Chromium	Cobalt	Copper	Lead	STLC Lead	TCLP Lead	Mercury	Moly bdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
TP-1 (1/2-1)	1/2 - 1	1/2 - 1	7.6	120	0.33	<0.25	160	26	27	20	---	---	0.08	0.35	130	2.9	<0.25	<0.50	38	46
TP-1 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	4.9	130	0.39	<0.25	35	7.9	19	13	---	---	0.062	<0.25	34	<0.5	<0.25	<0.5	32	47
TP-1 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	5	140	0.048	<0.25	42	10	19	5.7	---	---	0.023	<0.25	45	<0.5	<0.25	0.54	36	44
TP-2 (1 - 1 1/2)	1 - 1 1/2	1 - 1 1/2	4.3	100	0.25	<0.25	1.2	6.1	19	3.2	---	---	0.044	<0.25	3.4	<0.50	<0.25	<0.50	22	62
TP-2 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	5.1	170	0.45	<0.25	40	9	19	6.2	---	---	<0.02	<0.25	41	<0.50	<0.25	<0.50	37	43
TP-2 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	6.7	150	0.51	0.26	44	11	22	5.9	---	---	0.03	<0.25	51	<0.50	<0.25	<0.50	39	49
TP-2 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	4.1	120	0.39	<0.25	36	8.2	16	4	---	---	0.038	<0.25	39	<0.50	<0.25	0.75	32	35
TP-3 (1/2 - 1)	1/2 - 1	1/2 - 1	4.8	110	0.32	<0.25	26	6.5	11	4.9	---	---	0.1	0.27	33	<0.50	<0.25	<0.50	29	28
TP-3 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	5.6	160	0.37	0.48	48	10	34	200	6.1	---	0.16	<0.25	40	<0.50	<0.25	<0.50	35	130
TP-3 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	5.3	160	0.52	0.27	45	9.8	22	12	<0.25	---	0.029	<0.25	51	<0.50	<0.25	0.74	39	52
TP-3 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	6.1	140	0.44	0.25	40	9.8	19	5.9	---	---	0.02	<0.25	45	<0.50	<0.25	1.2	36	41
TP-4 (1/2 - 1)	1/2 - 1	1/2 - 1	8.9	110	0.36	<0.25	35	8.3	19	17	---	---	0.1	<0.25	39	<0.50	<0.25	<0.50	32	40
TP-4 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	5.4	140	0.45	<0.25	40	8.4	19	6.3	---	---	0.027	0.36	44	<0.50	<0.25	<0.50	33	45
TP-4 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	4.9	150	0.49	0.27	41	10	21	6.6	---	---	0.027	<0.25	50	<0.50	<0.25	0.79	33	47
TP-4 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	4.7	120	0.35	<0.25	33	8.2	14	3.9	---	---	<0.020	<0.25	36	<0.50	<0.25	0.63	31	33
TP-5 (1/2 - 1)	1/2 - 1	1/2 - 1	9.4	130	0.3	0.36	33	8.2	53	370	7.1	---	0.14	0.37	36	<0.50	<0.25	<0.50	35	120
TP-5 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	5.5	150	0.42	<0.25	35	11	19	7.8	---	---	0.11	<0.25	45	1.1	<0.25	<0.50	31	44
TP-5 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	4.9	150	0.49	0.27	41	10	21	6.6	---	---	0.027	<0.25	50	<0.50	<0.25	0.79	33	47
TP-5 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	5.6	120	0.37	0.33	33	8.9	18	6.3	---	---	<0.020	<0.25	47	<0.50	<0.25	<0.50	30	39
TP-6 (1 - 1 1/2)	1 - 1 1/2	1 - 1 1/2	5.4	100	0.32	<0.25	36	8.5	120	20	---	---	0.067	0.31	37	<0.50	<0.25	<0.50	36	43
TP-6 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	4.4	140	0.41	<0.25	37	7.7	21	13	---	---	0.075	<0.25	37	0.86	<0.25	<0.50	32	41
TP-6 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	5.7	160	0.54	0.29	46	12	24	7.1	---	---	0.041	<0.25	47	<0.50	<0.25	0.62	38	50
TP-6 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	4.3	110	0.36	<0.25	33	9	14	4.3	---	---	0.026	<0.25	37	<0.50	<0.25	<0.50	31	34
TP-7 (1 - 1 1/2)	1 - 1 1/2	1 - 1 1/2	4.1	180	0.33	0.3	21	9	29	240	3.6	---	1.7	<0.25	27	<0.50	<0.25	<0.50	23	61
TP-7 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	4.9	130	0.43	<0.25	36	8.1	18	5.6	---	---	0.028	<0.25	36	<0.50	<0.25	<0.50	32	40
TP-7 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	5.1	130	0.4	<0.25	38	7.8	14	5.9	---	---	0.038	<0.25	41	<0.50	<0.25	<0.50	33	36
TP-7 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	3.8	92	0.3	<0.25	39	7.2	12	3.8	---	---	0.026	<0.25	31	<0.50	<0.25	<0.50	27	30
TP-8 (1/2 - 1)	1/2 - 1	1/2 - 1	6.6	110	0.4	0.44	67	14	25	57	11	---	0.27	0.39	58	1.8	<0.25	<0.5	54	62
TP-8 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	3.0	110	0.34	<0.25	41	9.9	27	20	---	---	0.24	<0.25	36	<0.50	<0.25	<0.50	28	42
TP-8 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	6.6	160	0.54	0.32	47	12	23	6.5	---	---	0.034	<0.25	53	<0.50	<0.25	<0.50	44	51
TP-8 (5 - 5 1/2)	5 - 5 1/2	5 - 5 1/2	5.2	120	0.34	<0.25	32	6.8	13	5.4	---	---	0.021	<0.25	35	<0.50	<0.25	<0.50	33	32
TP-9 (1/2 - 1)	1/2 - 1	1/2 - 1	1.3	21	<0.10	<0.25	47	18	29	2.6	---	---	<0.020	<0.25	36	<0.50	<0.25	0.89	28	19
TP-9 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	6.9	440	0.4	<0.25	47	12	58	1,500	---	0.31	13	<0.25	27	<0.50	<0.25	1.2	44	50
TP-9 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	6.4	140	0.49	<.25	42	10	19	5.3	---	---	0.048	<0.25	47	<0.50	<0.25	<0.50	39	42
TP-9 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	4.3	140	0.44	0.27	42	9.2	19	4.9	---	---	0.04	<0.25	48	<0.50	<0.25	0.94	35	41
TP-10 (1 - 1 1/2)	1 - 1 1/2	1 - 1 1/2	5.2	120	0.31	0.52	50	9.8	40	120	8.1	---	0.072	<0.25	38	<0.50	<0.25	<0.50	39	110
TP-10 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	4.4	150	0.42	0.28	39	8.9	21	39	110	---	0.15	<0.25	41	<0.50	<0.25	<0.50	31	54
TP-10 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	4.2	120	0.42	<0.25	35	7.9	15	4.6	---	---	0.031	<0.25	39	<0.50	<0.25	<0.50	33	36
TP-10 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	4.4	130	0.4	<0.25	36	8.7	16	7.4	---	---	<0.020	<0.25	41	<0.50	<0.25	0.9	31	41
TP-11 (1/2 - 1)	1/2 - 1	1/2 - 1	5.1	110	0.37	0.43	40	9.9	38	61	2.8	---	0.12	<0.25	35	<0.50	0.4	<0.50	40	99
TP-11 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	4	120	0.34	0.32	32	7	36	79	2.8	---	0.27	<0.25	31	<0.50	<0.25	<0.50	29	93
TP-11 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	5.6	160	0.43	<0.25	40	8.6	20	17	---	---	0.036	<0.25	41	<0.50	<0.25	<0.50	33	57
TP-11 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	4.2	110	0.37	<0.25	39	7.3	15	11	---	---	0.034	<0.25	37	<0.50	<0.25	<0.50	32	53

Sample ID	Depth (feet) below ground surface*	Depth (feet) below original ground surface**	Arsenic	Barium	Beryllium	Cadmium	Total Chromium	Cobalt	Copper	Lead	STLC Lead	TCLP Lead	Mercury	Moly bdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
TP-12 (1/2 - 1)	1/2 - 1	1/2 - 1	4.9	100	0.28	0.25	35	7.7	47	31	---	---	0.14	<0.25	37	<0.50	<0.25	<0.50	37	61
TP-12 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	3.8	140	0.4	<0.25	34	7.4	18	6.5	---	---	0.036	<0.25	33	<0.50	<0.25	<0.50	30	38
TP-12 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	5	130	0.42	<0.25	37	8.9	17	4.8	---	---	0.028	<0.25	42	<0.50	<0.25	<0.50	33	40
TP-12 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	3.6	93	0.34	<0.25	34	7.3	14	3.9	---	---	0.021	<0.25	33	<0.50	<0.25	0.77	29	35
TP-13 (1/2 - 1)	1/2 - 1	1/2 - 1	2.6	100	0.31	<0.25	2.4	11	46	1.1	---	---	<0.020	<0.25	2.1	<0.50	0.39	<0.50	65	66
TP-13 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	23	1,200	0.18	7.2	98	8.2	220	1,700	---	0.67	0.052	0.94	35	<0.50	0.76	<0.50	19	11,000
TP-13 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	4.9	130	0.46	<0.25	39	11	18	5.2	---	---	0.021	<0.25	52	<0.50	<0.25	<0.50	39	40
TP-13 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	3.3	67	0.3	<0.25	28	5.7	9.7	3.6	---	---	<0.020	<0.25	28	<0.50	<0.25	0.76	27	30
TP-14 (0 - 1/2)	0 - 1/2	3 - 3 1/2	4.2	190	0.35	0.42	38	8.1	33	290	8.4	---	2.4	<0.25	32	<0.50	<0.25	<0.50	28	140
TP-14 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	4.6	110	0.4	<0.25	37	8.6	16	14	---	---	0.044	0.32	41	<0.50	<0.25	<0.50	35	40
TP-15 (0 - 1/2)	0 - 1/2	3 - 3 1/2	4	150	0.47	0.26	39	8.2	22	6.7	---	---	0.039	<0.25	38	<0.50	<0.25	<0.50	35	49
TP-15 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	3.8	120	0.39	<0.25	34	7.7	16	4.9	---	---	0.031	<0.25	37	<0.50	<0.25	<0.50	31	37
TP-16 (0 - 1/2)	0 - 1/2	3 - 3 1/2	4.5	120	0.4	<0.25	35	7.7	16	7.3	---	---	0.044	<0.25	37	<0.50	<0.25	<0.50	34	36
TP-16 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	3.9	140	0.42	<0.25	39	8.3	17	4.2	---	---	0.036	<0.25	41	<0.50	<0.25	<0.50	36	35
TP-17 (0 - 1/2)	0 - 1/2	3 - 3 1/2	4.7	120	0.42	<0.25	36	8.7	16	4.8	---	---	0.041	<0.25	38	<0.50	<0.25	<0.50	34	36
TP-17 (1 1/2 - 2)	1 - 1/2 - 2	4 1/2 - 5	5.3	120	0.37	<0.25	33	9.2	14	5.6	---	---	0.02	<0.25	39	<0.50	<0.25	<0.50	34	36
TP-18 (0 - 1/2)	0 - 1/2	3 - 3 1/2	4.8	150	0.37	<0.25	39	9.4	21	50	3.7	---	0.32	0.51	39	<0.50	<0.25	<0.50	30	57
TP-18 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	5.2	130	0.4	<0.25	37	8.3	16	6.1	---	---	0.032	0.27	41	<0.50	<0.25	<0.50	35	38
TP-19 (0 - 1/2)	0 - 1/2	3 - 3 1/2	4.2	140	0.43	0.28	37	8.4	22	140	0.54	---	0.12	<0.25	38	<0.50	<0.25	<0.50	32	52
TP-19 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	5.5	140	0.46	0.25	42	9.5	18	7.1	<0.25	---	0.041	<0.25	49	<0.50	<0.25	<0.25	37	44
TP-20 (2 - 2 1/2)	2 - 2 1/2	8 - 8 1/2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TP-21 (0 - 1/2)	0 - 1/2	3 - 3 1/2	4.5	130	0.39	<0.25	32	8.5	15	4.7	---	---	0.028	<0.25	37	<0.50	<0.25	<0.50	30	35
TP-21 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	4.8	100	0.32	<0.25	31	7.7	11	4.7	---	---	0.022	<0.25	34	<0.50	<0.25	<0.50	30	31
TP-22 (0 - 1/2)	0 - 1/2	3 - 3 1/2	4.6	130	0.44	<0.25	38	8.5	17	5	---	---	0.042	<0.25	42	<0.50	<0.25	<0.50	34	39
TP-22 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	5.1	88	0.31	<0.25	30	9.5	11	4.7	---	---	<0.020	<0.25	32	<0.50	<0.25	<0.50	31	31
Typical Background Range***			0.6 to 11	133 to 1,400	0.25 to 2.7	0.05 to 1.7	23 to 1,579	2.7 to 46.9	9.1 to 96.4	12.4 to 97.1	NA	NA	0.1 to 0.9	NE	9 to 509	0.15 to 0.43	0.1 to 8.3	20 to 271	39 to 288	88 to 236
Residential CHHSL ¹			0.07	5,200	150	1.7	NE	660	3,000	80	NA	NA	18	380	1,600	380	380	5	530	23,000
TTL California Hazardous Waste Limit			500	10,000	75	100	2,500	8,000	2,500	1,000	STLC = 5	TCLP = 5	20	3,500	2,000	100	500	700	2,400	5,000

1 California Human Health Screening Level (CHHSL), CalEPA - January 2005 and September 2009
 < Not detected at or above laboratory reporting limit
 NE Not Established
 NA Not applicable
 --- Not Analyzed
 BOLD Concentration exceeds CHHSL and background maximum or hazardous waste limit
 * Ground surface at the time of August 30, 2011 sampling
 ** Original (post demolition) ground surface prior to excavation activities
 *** Bradford, et.al., 1996. Background Concentrations of Trace and Major Elements in California Soils
 Note Other CAM 17 metals were not detected

Table 3. Analytical Results of Selected Soil Samples - OCPs and PCBs
(Concentrations in mg/Kg [ppm])

Sample ID	Depth (feet) below ground surface*	Depth (feet) below original ground surface**	Dieldrin	Aldrin	4,4' -DDT	4,4' -DDE	4,4' -DDD	DDT Total	Total Chlordane	alpha-Chlordane	gamma-Chlordane	Arochlor 1254 (PCB)	Arochlor 1260 (PCB)
TP-1 (1/2-1)	1/2 - 1	1/2 - 1	<0.017	<0.0086	<0.017	<0.017	<0.017	ND	ND	<0.0086	<0.0086	<0.012	0.017
TP-1 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-1 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-2 (1 - 1 1/2)	1 - 1 1/2	1 - 1 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-2 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-2 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-2 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-3 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-3 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-3 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-3 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-4 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-4 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-4 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-4 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-5 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.010	<0.0052	0.044	0.013	<0.010	0.057	0.028	0.014	0.014	<0.012	0.04
TP-5 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-5 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-5 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-6 (1 - 1 1/2)	1 - 1 1/2	1 - 1 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-6 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-6 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-6 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-7 (1 - 1 1/2)	1 - 1 1/2	1 - 1 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-7 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-7 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-7 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-8 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.016	<0.0084	<0.016	<0.016	0.047	0.047	ND	<0.0084	<0.0084	0.1	0.12
TP-8 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	<0.0017	ND	<0.0017	<0.0017	<0.012	<0.012
TP-8 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	<0.0017	ND	<0.0017	<0.0017	<0.012	<0.012
TP-8 (5 - 5 1/2)	5 - 5 1/2	5 - 5 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	<0.0017	ND	<0.0017	<0.0017	<0.012	<0.012
TP-9 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	0.016
TP-9 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-9 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.0032	<0.0017	<0.0032	<0.0032	<0.0032	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-9 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-10 (1 - 1 1/2)	1 - 1 1/2	1 - 1 1/2	<0.0067	<0.0035	<0.0067	<0.067	<0.0067	ND	ND	<0.0035	0.0053	<0.012	0.033
TP-10 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	<0.0017	ND	<0.0017	<0.0017	<0.012	<0.012
TP-10 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	<0.0017	ND	<0.0017	<0.0017	<0.012	<0.012
TP-10 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	<0.0017	ND	<0.0017	<0.0017	<0.012	<0.012
TP-11 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.010	<0.0052	<0.010	<0.010	<0.010	ND	ND	<0.0052	<0.0052	<0.012	0.19
TP-11 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-11 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-11 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012

Sample ID	Depth (feet) below ground surface*	Depth (feet) below original ground surface**	Dieldrin	Aldrin	4,4' -DDT	4,4' -DDE	4,4' -DDD	DDT Total	Total Chlordane	alpha-Chlordane	gamma-Chlordane	Arochlor 1254 (PCB)	Arochlor 1260 (PCB)
TP-12 (1/2 - 1)	1/2 - 1	1/2 - 1	0.004	<0.0017	0.042	0.016	0.0064	0.0644	0.0051	0.002	0.0031	<0.012	0.023
TP-12 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-12 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-12 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-13 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-13 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.0033	<0.0017	0.0062	0.0085	0.033	0.048	0.015	0.0078	0.0072	<0.012	0.028
TP-13 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-13 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-14 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-14 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.0017	<0.0017	<0.0032	<0.0032	<0.0032	ND	ND	<0.0017	<0.0017	<0.012	0.02
TP-15 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-15 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-16 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-16 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-17 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	0.016
TP-17 (1 1/2 - 2)	1 - 1/2 - 2	4 1/2 - 5	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-18 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.0084	<0.0084	<0.016	<0.016	<0.016	ND	ND	<0.0084	<0.0084	0.014	0.02
TP-18 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.0017	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-19 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-19 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-20 (2 - 2 1/2)	2 - 2 1/2	8 - 8 1/2	---	---	---	---	---	---	---	---	---	---	---
TP-21 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-21 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-22 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
TP-22 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.0033	<0.0017	<0.0033	<0.0033	<0.0033	ND	ND	<0.0017	<0.0017	<0.012	<0.012
Residential CHHSL ¹			0.035	0.033	1.6	1.6	2.3	NE	0.43	NE	NE	0.089	0.089

1 California Human Health Screening Level. California EPA. 2005 and 2009

< Not detected above laboratory detection limit

NE None established

OCPs Organochlorine Pesticides

PCBs Polychlorinated Biphenyls

* Ground surface at the time of August 30, 2011 sampling

** Original (post demolition) ground surface prior to excavation activities

Sample ID	Depth (feet) below ground surface*	Depth (feet) below original ground surface**	Napthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo[a]anthracene	Chrysene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[a]pyrene	Indeno[1,2,3-cd]pyrene	Dibenz[a,h]anthracene	Benzo[g,h,i]perylene
TP-11 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TP-12 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	<0.070	0.079	0.093	<0.070	<0.070	<0.070	<0.070	<0.070
TP-12 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TP-12 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
TP-12 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0058	0.0064	0.0067	<0.005	0.0052	<0.005	<0.005	<0.005
TP-13 (1/2 - 1)	1/2 - 1	1/2 - 1	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
TP-13 (2 - 2 1/2)	2 - 2 1/2	2 - 2 1/2	<0.0049	0.0075	<0.0049	<0.0049	0.007	<0.0049	0.0074	0.0051	<0.0049	0.015	0.007	<0.0049	<0.0049	<0.0049	<0.0049	0.0053
TP-13 (3 - 3 1/2)	3 - 3 1/2	3 - 3 1/2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TP-13 (4 1/2 - 5)	4 1/2 - 5	4 1/2 - 5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TP-14 (0 - 1/2)	0 - 1/2	3 - 3 1/2	0.016	<0.0049	<0.0049	<0.0049	0.011	<0.0049	0.0089	0.014	<0.0049	0.0079	0.0065	<0.0049	0.0056	<0.0049	<0.0049	<0.0049
TP-14 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.005	<0.005	<0.005	0.0087	<0.005	<0.005	0.0062	0.012	<0.005	<0.005	<0.005	<0.005	0.0066	<0.005	<0.005	<0.005
TP-15 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TP-15 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
TP-16 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TP-16 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
TP-17 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
TP-17 (1 1/2 - 2)	1 - 1/2 - 2	4 1/2 - 5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TP-18 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	0.14	<0.100	0.32	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
TP-18 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.025	<0.025	<0.025	<0.025	0.036	<0.025	<0.025	0.04	<0.025	0.09	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
TP-19 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TP-19 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
TP-20 (2 - 2 1/2)	2 - 2 1/2	8 - 8 1/2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TP-21 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TP-21 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TP-22 (0 - 1/2)	0 - 1/2	3 - 3 1/2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TP-22 (1 1/2 - 2)	1 1/2 - 2	4 1/2 - 5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Residential CHHSL ¹			NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.038	NE	NE	NE
Regional Screening Level ²			3.6	NE	3,400	2,300	NE	17,000	2,300	1,700	0.15	15	0.15	1.5	0.015	0.15	0.015	NE

1 California Human Health Screening Level (CHHSL), CalEPA - January 2005 and September 2009

2 Regional Screening Level. US EPA. 2011

< Not detected at or above the laboratory detection limit

NE None established

* Ground surface at the time of August 30, 2011 sampling

** Original (post demolition) ground surface prior to excavation activities

APPENDIX A
LABORATORY ANALYTICAL RESULTS



Curtis & Tompkins, Ltd.

Analytical Laboratories, Since 1878



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 230932
ANALYTICAL REPORT

Rockridge Geotechnical
4379 Piedmont Ave.
Oakland, CA 94611

Project : 11-319
Location : Ashland Youth Center
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
TP-8 (1/2-1)	230932-001
TP-14 (0-1/2)	230932-002
TP-18 (0-1/2)	230932-003
TP-3 (2-2 1/2)	230932-004
TP-5 (1/2-1)	230932-005
TP-7 (1-1 1/2)	230932-006
TP-10 (1-1 1/2)	230932-007
TP-11 (2-2 1/2)	230932-008
TP-11 (1/2-1)	230932-009
TP-19 (0-1/2)	230932-010
TP-13 (2-2 1/2)	230932-011

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____

Project Manager

Date: 09/13/2011

NELAP # 01107CA

CASE NARRATIVE

Laboratory number: 230932
Client: Rockridge Geotechnical
Project: 11-319
Location: Ashland Youth Center
Request Date: 09/09/11
Samples Received: 08/30/11

This data package contains sample and QC results for eleven soil samples, requested for the above referenced project on 09/09/11. The samples were received cold and intact.

Metals (EPA 6010B) TCLP Leachate:

No analytical problems were encountered.

Metals (EPA 6010B) WET Leachate:

No analytical problems were encountered.

230661

Rockridge Geotechnical

4329 Piedmont Ave.,
Oakland, CA 94611
(510) 420-5738
(510) 652-3096

CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 1 of 7

		Sample Information							Relinquished by (Sampler)	
Date	Sample Number	Analysis					PAHs (8270 SLM)	HOLD	# of Containers	Signature
		CAM-17 metals	TPH-d, mo w/ SS	TPH-g	VOCs (P20)	OCPs & PCBs				Printed Name
1	8/30 TP-1(1/2-1)	X	X			X	X	1 tube	Signature <i>Logan D. Medeiros</i>	
	TP-1(1/2-1)			X	X			3 CNO	Printed Name Logan D. Medeiros	
2	TP-1(2-2 1/2)	X	X			X	X	1 tube	Company Rockridge Geotechnical	
3	TP-1(3-3 1/2)						X	1 tube	Date 8/30 Time 4:40 PM	
	TP-1(3-3 1/2)						X	3 CNO	Received by: Pat Gonzalez	
2	TP-1(2-2 1/2)			X	X			3 CNO	Signature Pat Gonzalez	
4	TP-8(1/2-1)	X	X			X	X	1 tube	Printed Name Pat Gonzalez	
	TP-8(1/2-1)			X	X			3 CNO	Company C&T	
5	TP-8(2-2 1/2)	X	X			X	X	1 tube	Date 8/30/11 Time 4:40 pm	
	TP-8(2-2 1/2)			X	X			3 CNO	Relinquished by	
6	TP-8(3-3 1/2)						X	1 tube	Signature	
	TP-8(3-3 1/2)						X	3 CNO	Printed Name	
7	TP-8(5-5 1/2)	X	X			X	X	1 tube	Lab	
	TP-8(5-5 1/2)			X	X			3 CNO	Date Time	
8	TP-14(0-1/2)	X	X			X	X	1 tube	Method of Shipment	
	TP-14(0-1/2)			X	X			3 CNO	Received by (Lab)	
9	TP-14(1 1/2-2)	X	X			X	X	1 tube	Signature	
	TP-14(1 1/2-2)			X	X			3 CNO	Printed Name	
10	TP-18(0-1/2)	X	X			X	X	1 tube	Lab Comments	
	TP-18(0-1/2)			X	X			3 CNO		
		Total Number of Containers								

Remarks:

230661

Rockridge Geotechnical

4379 Piedmont Ave.
Oakland, CA 94611
(510) 420-5738
(510) 652-3096

CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011

Page 3 of 7

		Sample Information								Relinquished by (Sampler)	
Date	Sample Number	Analysis						HOLD	# of Containers		
		CAM-17 metals	TPH-d, no v/ metals	TPH-g	VOCs (8260)	OCPS & PCBs	PAHs (8270 SM)				
8/30/11	TP-3 (4 1/2-5)							X	1	2X6 SS	Signature <i>[Signature]</i>
	TP-3 (4 1/2-5)							X	3	CNO	Printed Name Logan D Meador
	TP-3 (3-3 1/2)							X	1	2X6 SS	Company Rockridge Geotechnical
	TP-3 (3-3 1/2)							X	3	CNO	Date 8/30 Time 4:40 PM
	TP-3 (2-2 1/2)	X	X			X	X		1	2X6 SS	Received by: Pat Gonzalez
	TP-3 (2-2 1/2)			X	X				3	2X6 CNO	Signature Pat Gonzalez
	TP-3 (1/2-1)	X	X			X	X		1	2X6 SS	Printed Name Pat Gonzalez
	TP-3 (1/2-1)			X	X				3	CNO	Company
	TP-4 (4 1/2-5)							X	1	2X6 SS	Date Time
	TP-4 (3-3 1/2)							X	1	2X6 SS	Method of Shipment
	TP-4 (3-3 1/2)							X	3	CNO	Received by (Lab)
	TP-4 (2-2 1/2)	X	X			X	X		1	2X6 SS	Signature
	TP-4 (2-2 1/2)			X	X				3	CNO	Printed Name
	TP-4 (1/2-1)	X	X			X	X		1	2X6 SS	Lab
	TP-4 (1/2-1)			X	X				3	CNO	Date Time
	TP-5 (4 1/2-5)							X	1	2X6 SS	Lab Comments
	TP-5 (3-3 1/2)							X	1	2X6 SS	
	TP-5 (3-3 1/2)							X	3	CNO	
	TP-5 (2-2 1/2)	X	X			X	X		1	2X6 SS	
	TP-5 (2-2 1/2)			X	X				3	CNO	
		Total Number of Containers									

Remarks:

230601

Rockridge Geotechnical

4379 Piedmont Ave.
Oakland, CA 94611
(510) 420-5738
(510) 652-3096

CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 4 of 7

		Sample Information							Relinquished by (Sampler)																																
Date	Sample Number	Analysis						HOLD	# of containers	Signature																															
		CAM -17 metals	TPH-d, no chlorine	TPH-g	VOCs (8260)	OCPS & PCBs	PAHs (8270 SIM)			Printed Name	Company	Date	Time	Received by:	Signature	Printed Name	Company	Date	Time	Relinquished by	Signature	Printed Name	Company																		
27	8/30/11	TP-5 (1/2-1)	X	X			X	X		1	2X6 SS	Signature	<i>J D White</i>	Printed Name	Logan D. Melover	Company	Rockridge Geotechnical	Date	8/30	Time	4:40 PM	Received by:	Pat Gonzalez	Signature	<i>Pat Gonzalez</i>	Printed Name		Company		Date		Time		Relinquished by		Signature		Printed Name		Company	
		TP-5 (1/2-1)			X	X				3	CNO																														
28		TP-6 (3-3 1/2)							X	1	2X6 SS								8/30		4:40 pm																				
		TP-6 (3-3 1/2)							X	3	CNO																														
29		TP-6 (2-2 1/2)	X	X			X	X		1	2X6 SS																														
		TP-6 (2-2 1/2)			X	X				3	CNO																														
30		TP-6 (1-1 1/2)	X	X			X	X		1	2X6 SS																														
		TP-6 (1-1 1/2)			X	X				3	CNO																														
31		TP-6 (4 1/2-5)							X	1	2X6 SS																														
32		TP-7 (4 1/2-5)							X	1	2X6 SS																														
33		TP-7 (3-3 1/2)	X	X			X	X		1	2X6 SS																														
		TP-7 (3-3 1/2)			X	X				3	CNO																														
34		TP-7 (2-2 1/2)	X	X			X	X		1	2X6 SS																														
		TP-7 (2-2 1/2)			X	X				3	CNO																														
35		TP-7 (1-1 1/2)	X	X			X	X		1	2X6 SS																														
		TP-7 (1-1 1/2)			X	X				3	CNO																														
36		TP-13 (4 1/2-5)							X	1	2X6 SS																														
37		TP-13 (3-3 1/2)	X	X			X	X		1	2X6 SS																														
		TP-13 (3-3 1/2)			X	X				3	CNO																														
		Total Number of Containers																																							

Remarks:

230661

Rockridge Geotechnical
 4379 Piedmont Ave.
 Oakland, CA 94611
 (510) 420-5738
 (510) 652-3096

CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 5 of 7

		Sample Information							Relinquished by (Sampler)							
Date	Sample Number	Analysis						HOLD	# of containers	Signature						
		CAM-17 metals	TPH-d, no 1/5G cleaning	TPH-g	VOCS (82CO)	OCF & PCBs	PAHs (P2705M)			Printed Name	Company	Date	Time			
8/30	TP-13(2-2 1/2)			X	X				3	CNO	Signature: <i>J. D. [unclear]</i>	Printed Name: Logan P. Medeiros	Company: Rockridge Geotechnical	Date: 8/30	Time: 4:40 PM	
	TP-13(2-2 1/2)	X	X			X	X		1	2 X 6 SS	Received by: Pat Gonzalez	Signature: Pat Gonzalez	Printed Name: Pat Gonzalez			
39	TP-13(1/2-1)							X	1	2 X 6 SS	Signature: Pat Gonzalez	Printed Name: Pat Gonzalez	Company: C & T	Date: 8/30/11	Time: 4:40 pm	
40	TP-12(4 1/2-5)							X	1	2 X 6 SS	Received by:					
41	TP-12(3-3 1/2)							X	1	2 X 6 SS	Signature:					
	TP-12(3-3 1/2)							X	3	CNO	Printed Name:					
42	TP-12(2-2 1/2)	X	X			X	X		1	2 X 6 SS	Company:					
	TP-12(2-2 1/2)			X	X				3	CNO	Date:	Time:				
43	TP-12(1/2-1)	X	X			X	X		1	2 X 6 SS	Method of Shipment:					
	TP-12(1/2-1)			X	X				3	CNO	Received by (Lab):					
44	TP-9(4 1/2-5)							X	1	2 X 6 SS	Signature:					
45	TP-9(3-3 1/2)	X	X			X	X		1	2 X 6 SS	Printed Name:					
	TP-9(3-3 1/2)			X	X				3	CNO	Lab:					
46	TP-9(2-2 1/2)							X	1	2 X 6 SS	Date:	Time:				
	TP-9(2-2 1/2)							X	3	CNO	Lab Comments:					
47	TP-9(1/2-1)	X	X			X	X		1	2 X 6 SS						
	TP-9(1/2-1)			X	X				3	CNO						
48	TP-10(4 1/2-5)							X	1	2 X 6 SS						
49	TP-10(3-3 1/2)	X	X			X	X		1	2 X 6 SS						
	TP-10(3-3 1/2)			X	X				3	CNO						
		Total Number of Containers														

Remarks:

230661

Rockridge Geotechnical

4379 Piedmont Ave.
Oakland, CA 94611
(510) 420-5738
(510) 652-3096

CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 6 of 7

		Sample Information							Relinquished by (Sampler)	
Date	Sample Number	Analysis						HOLD	# of containers	Signature
		CAM-17 metals	TPH-d, no of SG elements	TPH-g	VOCs (P260)	OCF & PCBs	PAHs (82705M)			Printed Name
8/30	TP-10(2-2 1/2)							X	1 2X6 SS	Signature <i>J.D. Miller</i>
	TP-10(2-2 1/2)							X	3 CNO	Printed Name <i>Logan D. Melner</i>
8/30	TP-10(1-1 1/2)	X	X			X	X		1 2X6 SS	Company <i>Rockridge Geotechnical</i>
	TP-10(1-1 1/2)			X	X				3 CNO	Date <i>8/30</i> Time <i>4:40 PM</i>
8/30	TP-15(1 1/2-2)	X	X			X	X		1 2X6 SS	Received by: <i>Pat Gonzalez</i>
	TP-15(1 1/2-2)			X	X				3 CNO	Signature <i>Pat Gonzalez</i>
8/30	TP-15(0-1/2)	X	X			X	X		1 2X6 SS	Printed Name <i>Pat Gonzalez</i>
	TP-15(0-1/2)			X	X				3 CNO	Company <i>C&T</i>
8/30	TP-16(1 1/2-2)	X	X			X	X		1 2X6 SS	Date <i>8/30/11</i> Time <i>4:40 pm</i>
	TP-16(1 1/2-2)			X	X				3 CNO	Relinquished by
8/30	TP-16(0-1/2)	X	X			X	X		1 2X6 SS	Signature
	TP-16(0-1/2)			X	X				3 CNO	Printed Name
8/30	TP-17(1 1/2-2)							X	1 2X6 SS	Lab
	TP-17(1 1/2-2)							X	3 CNO	Date
8/30	TP-17(0-1/2)	X	X			X	X		1 2X6 SS	Time
	TP-17(0-1/2)			X	X				3 CNO	Method of Shipment
8/30	TP-11(4 1/2-5)							X	1 2X6 SS	Received by (Lab)
	TP-11(3-3 1/2)							X	1 2X6 SS	Signature
8/30	TP-11(3-3 1/2)							X	3 CNO	Printed Name
	TP-11(2-2 1/2)	X	X			X	X		1 2X6 SS	Lab
		Total Number of Containers								Lab Comments

Remarks:

230661

Rockridge Geotechnical

4309 Piedmont Ave., ~~San Francisco~~
Oakland, CA 94611
(510) 420-5738
(510) 652-3096

CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 7 of 7

		Sample Information							Relinquished by (Sampler)		
Date	Sample Number	Analysis					PAHs (8270 SPM)	HOLD	# of Containers		Signature
		CAM 17 net ₂ G	TPH-4 w/SS	TPH-3	VOCs (8260)	OCF & PCBs					Printed Name
8/30	TP-11(2-2 1/2)			X	X			3	CNO	Signature <i>J D M</i>	
	TP-11(1/2-1)	X	X		X	X		1	2X6 SS	Printed Name Logan D Morales	
	TP-11(1/2-1)			X	X			3	CNO	Company Rockridge Geotechnical	
	TP-22(1 1/2-2)							X	1 2X6 SS	Date 8/30 Time 4:40 PM	
	TP-22(1 1/2-2)							X	3 CNO	Received by: Pat Gonzalez	
	TP-22(0-1/2)	X	X		X	X		1	2X6 SS	Signature Pat Gonzalez	
	TP-22(0-1/2)			X	X			3	CNO	Printed Name	
	TP-21(1 1/2-2)							X	1 2X6 SS	Company	
	TP-21(1 1/2-2)							X	3 CNO	Date Time	
	TP-21(0-1/2)	X	X		X	X		1	2X6 SS	Method of Shipment	
	TP-21(0-1/2)			X	X			3	CNO	Received by (Lab)	
	TP-20(2-2 1/2)	X						1	2X6 SS	Signature	
	TP-20(2-2 1/2)			X	X			3	CNO	Printed Name	
	TP-19(1 1/2-2)							X	1 2X6 SS	Lab	
	TP-19(1 1/2-2)							X	3 CNO	Date Time	
	TP-19(0-1/2)	X	X		X	X		1	2X6 SS	Lab Comments	
	TP-19(0-1/2)			X	X			3	CNO		
		Total Number of Containers									

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Remarks: standard / ASAP 5 days

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 230661 Date Received 8/30/11 Number of coolers 2

Client Rockledge Geotechnical Project Ashland Youth Center

Date Opened 8/30/11 By (print) Isabelle (sign) [Signature]

Date Logged in L By (print) V. Dershi (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) _____ YES (NO)
Shipping info _____

2A. Were custody seals present? YES (circle) on cooler on samples (X) NO
How many _____ Name _____ Date _____

2B. Were custody seals intact upon arrival? _____ YES NO (N/A)

3. Were custody papers dry and intact when received? _____ (YES) NO

4. Were custody papers filled out properly (ink, signed, etc)? _____ (YES) NO

5. Is the project identifiable from custody papers? (If so fill out top of form) (YES) NO

6. Indicate the packing in cooler: (if other, describe) _____

- Bubble Wrap
- Foam blocks
- Bags
- None
- Cloth material
- Cardboard
- Styrofoam
- Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: Wet Blue/Gel None Temp(°C) _____

Samples Received on ice & cold without a temperature blank

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES (NO)

If YES, what time were they transferred to freezer? _____

9. Did all bottles arrive unbroken/unopened? _____ (YES) NO

10. Are samples in the appropriate containers for indicated tests? _____ (YES) NO

11. Are sample labels present, in good condition and complete? _____ (YES) NO

12. Do the sample labels agree with custody papers? _____ (YES) NO

13. Was sufficient amount of sample sent for tests requested? _____ (YES) NO

14. Are the samples appropriately preserved? _____ YES NO (N/A)

15. Did you check preservatives for all bottles for each sample? _____ YES NO (N/A)

16. Did you document your preservative check? _____ YES NO (N/A)

17. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO (N/A)

18. Are bubbles > 6mm absent in VOA samples? _____ YES NO (N/A)

19. Was the client contacted concerning this sample delivery? _____ YES (NO)

If YES, Who was called? _____ By _____ Date: _____

COMMENTS

Lead			
Lab #:	230932	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3010A
Project#:	11-319	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	178834
Field ID:	TP-13 (2-2 1/2)	Sampled:	08/30/11
Matrix:	TCLP Leachate	Received:	08/30/11
Units:	ug/L	Prepared:	09/11/11
Diln Fac:	10.00	Analyzed:	09/12/11

Type	Lab ID	Result	RL
SAMPLE	230932-011	670	50
BLANK	QC608521	ND	50

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Lead			
Lab #:	230932	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3010A
Project#:	11-319	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	178834
Field ID:	ZZZZZZZZZZ	Sampled:	09/01/11
MSS Lab ID:	230787-001	Received:	09/01/11
Matrix:	TCLP Leachate	Prepared:	09/11/11
Units:	ug/L	Analyzed:	09/12/11

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim	Diln	Fac
BS	QC608522		2,000	2,004	100	77-120				1.000
BSD	QC608523		2,000	1,972	99	77-120	2	20		1.000
MS	QC608524	986.6	2,000	2,918	97	58-120				10.00
MSD	QC608525		2,000	2,856	93	58-120	2	29		10.00

RPD= Relative Percent Difference

Lead			
Lab #:	230932	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	WET
Project#:	11-319	Analysis:	EPA 6010B
Analyte:	Lead	Sampled:	08/30/11
Matrix:	WET Leachate	Received:	08/30/11
Units:	ug/L	Prepared:	09/12/11
Diln Fac:	10.00	Analyzed:	09/12/11
Batch#:	178868		

Field ID	Type	Lab ID	Result	RL
TP-8 (1/2-1)	SAMPLE	230932-001	11,000	250
TP-14 (0-1/2)	SAMPLE	230932-002	8,400	250
TP-18 (0-1/2)	SAMPLE	230932-003	3,700	250
TP-3 (2-2 1/2)	SAMPLE	230932-004	6,100	250
TP-5 (1/2-1)	SAMPLE	230932-005	7,100	250
TP-7 (1-1 1/2)	SAMPLE	230932-006	3,600	250
TP-10 (1-1 1/2)	SAMPLE	230932-007	8,100	250
TP-11 (2-2 1/2)	SAMPLE	230932-008	2,800	250
TP-11 (1/2-1)	SAMPLE	230932-009	2,800	250
TP-19 (0-1/2)	SAMPLE	230932-010	540	250
	BLANK	QC608678	ND	250

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Lead			
Lab #:	230932	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	WET
Project#:	11-319	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	178868
Field ID:	TP-3 (3-3 1/2)	Sampled:	08/30/11
MSS Lab ID:	230931-002	Received:	08/30/11
Matrix:	WET Leachate	Prepared:	09/12/11
Units:	ug/L	Analyzed:	09/12/11

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim	Diln	Fac
BS	QC608679		2,000	1,921	96	77-120				1.000
BSD	QC608680		2,000	1,959	98	77-120	2	20		1.000
MS	QC608681	153.6	10,000	9,906	98	58-120				10.00
MSD	QC608682		10,000	9,829	97	58-120	1	29		10.00

RPD= Relative Percent Difference



Curtis & Tompkins, Ltd.

Analytical Laboratories, Since 1878



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

**Laboratory Job Number 230931
ANALYTICAL REPORT**

Rockridge Geotechnical
4379 Piedmont Ave.
Oakland, CA 94611

Project : 11-319
Location : Ashland Youth Center
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
TP-8 (3-3 1/2)	230931-001
TP-3 (3-3 1/2)	230931-002
TP-10 (2-2 1/2)	230931-003
TP-11 (3-3 1/2)	230931-004
TP-19 (1 1/2-2)	230931-005

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: 
Project Manager

Date: 09/13/2011

NELAP # 01107CA

CASE NARRATIVE

Laboratory number: 230931
Client: Rockridge Geotechnical
Project: 11-319
Location: Ashland Youth Center
Request Date: 09/09/11
Samples Received: 08/30/11

This data package contains sample and QC results for five soil samples, requested for the above referenced project on 09/09/11. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015B):

TP-8 (3-3 1/2) (lab # 230931-001) was diluted due to the dark and viscous nature of the sample extract. No other analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

230661

Rockridge Geotechnical

4309 ~~██████████~~ Piedmont Ave., ~~██████████~~
 Oakland, CA 94611
 (510) 420-5738
 (510) 652-3096

CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name *Ashland Youth Center* Date *8/30/2011* Page *1* of *7*

		Sample Information							Relinquished by (Sampler)	
Date	Sample Number	Analysis					PAHs (8270 SLM)	HOLD	# of Containers	Signature
		CAM-17 metals	TPH-d, mo w/ SG	TPH-g	VOCs (P260)	OCPs & PCBs				Printed Name
1	8/30 TP-1(1/2-1)	X	X			X	X	1 tube	<i>[Signature]</i>	
	TP-1(1/2-1)			X	X			3 CNO	Logan D. Medeiros	
2	TP-1(2-2 1/2)	X	X			X	X	1 tube	Rockridge Geotechnical	
	TP-1(3-3 1/2)						X	1 tube	Date <i>8/30</i> Time <i>4:40 PM</i>	
3	TP-1(3-3 1/2)						X	1 tube	Received by: <i>[Signature]</i>	
	TP-1(3-3 1/2)						X	3 CNO	Signature: <i>[Signature]</i>	
2	TP-1(2-2 1/2)			X	X			3 CNO	Printed Name: <i>[Signature]</i>	
	TP-8(1/2-1)	X	X			X	X	1 tube	Company: <i>C&T</i>	
4	TP-8(1/2-1)			X	X			3 CNO	Date Time	
	TP-8(2-2 1/2)	X	X			X	X	1 tube	Method of Shipment	
5	TP-8(2-2 1/2)			X	X			3 CNO	Received by (Lab)	
	TP-8(3-3 1/2)						X	1 tube	Signature	
6	TP-8(3-3 1/2)						X	3 CNO	Printed Name	
	TP-8(5-5 1/2)	X	X			X	X	1 tube	Lab	
7	TP-8(5-5 1/2)			X	X			3 CNO	Date Time	
	TP-14(0-1/2)	X	X			X	X	1 tube	Lab Comments	
8	TP-14(0-1/2)			X	X			3 CNO		
	TP-14(1 1/2-2)	X	X			X	X	1 tube		
9	TP-14(1 1/2-2)			X	X			3 CNO		
	TP-18(0-1/2)	X	X			X	X	1 tube		
10	TP-18(0-1/2)			X	X			3 CNO		
			Total Number of Containers							

Remarks:

230661

Rockridge Geotechnical

4379 Piedmont Ave.
Oakland, CA 94611
(510) 420-5738
(510) 652-3096

CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011

Page 3 of 7

		Sample Information							Relinquished by (Sampler)		
Date	Sample Number	Analysis						HOLD	# of containers	Signature	
		CAM-17 metals	TPH-d, no / SG metals	TPH-g	VOCs (8260)	OCPS & PCBs	PAHs (8270 EPA)			Printed Name	Company
16	8/30/11 TP-3 (4 1/2-5)							X	1	2X6 SS	Signature <i>[Signature]</i>
	TP-3 (4 1/2-5)							X	3	CNO	Printed Name Logan D Medley
17	TP-3 (3-3 1/2)							X	1	2X6 SS	Company Rockridge Geotechnical
	TP-3 (3-3 1/2)							X	3	CNO	Date 8/30 Time 4:40 PM
18	TP-3 (2-2 1/2)	X	X			X	X		1	2X6 SS	Received by: Pat Gonzalez
	TP-3 (2-2 1/2)			X	X				3	2X6 CNO	Signature Pat Gonzalez
19	TP-3 (1/2-1)	X	X			X	X		1	2X6 SS	Printed Name Pat Gonzalez
	TP-3 (1/2-1)			X	X				3	CNO	Company CAT
20	TP-4 (4 1/2-5)							X	1	2X6 SS	Date 8/30/11 Time 4:40 pm
21	TP-4 (3-3 1/2)							X	1	2X6 SS	Relinquished by
	TP-4 (3-3 1/2)							X	3	CNO	Signature
22	TP-4 (2-2 1/2)	X	X			X	X		1	2X6 SS	Printed Name
	TP-4 (2-2 1/2)			X	X				3	CNO	Lab
23	TP-4 (1/2-1)	X	X			X	X		1	2X6 SS	Date
	TP-4 (1/2-1)			X	X				3	CNO	Time
24	TP-5 (4 1/2-5)							X	1	2X6 SS	Lab Comments
25	TP-5 (3-3 1/2)							X	1	2X6 SS	
	TP-5 (3-3 1/2)							X	3	CNO	
26	TP-5 (2-2 1/2)	X	X			X	X		1	2X6 SS	
	TP-5 (2-2 1/2)			X	X				3	CNO	
		Total Number of Containers									

Remarks:

230661

Rockridge Geotechnical
 4379 Piedmont Ave.
 Oakland, CA 94611
 (510) 420-5738
 (510) 652-3096

CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 4 of 7

		Sample Information							Relinquished by (Sampler)											
Date	Sample Number	Analysis						HOLD	# of Containers	Signature										
		CAM -17 meta	TPH-d, no 4/5G	TPH-9	VOCs (8260)	OCPs & PCBs	PAHs (8270 SIM)			Printed Name	Company	Date	Time	Received by:	Signature	Printed Name				
27	8/30/11	TP-5 (1/2-1)	X	X			X	X		1	2X6 SS									
		TP-5 (1/2-1)			X	X				3	CNO									
28		TP-6 (3-3 1/2)							X	1	2X6 SS			8/30	4:40 PM					
		TP-6 (3-3 1/2)							X	3	CNO									
29		TP-6 (2-2 1/2)	X	X			X	X		1	2X6 SS									
		TP-6 (2-2 1/2)			X	X				3	CNO									
30		TP-6 (1-1 1/2)	X	X			X	X		1	2X6 SS									
		TP-6 (1-1 1/2)			X	X				3	CNO									
31		TP-6 (4 1/2-5)							X	1	2X6 SS									
32		TP-7 (4 1/2-5)							X	1	2X6 SS									
33		TP-7 (3-3 1/2)	X	X			X	X		1	2X6 SS									
		TP-7 (3-3 1/2)			X	X				3	CNO									
34		TP-7 (2-2 1/2)	X	X			X	X		1	2X6 SS									
		TP-7 (2-2 1/2)			X	X				3	CNO									
35		TP-7 (1-1 1/2)	X	X			X	X		1	2X6 SS									
		TP-7 (1-1 1/2)			X	X				3	CNO									
36		TP-13 (4 1/2-5)							X	1	2X6 SS									
37		TP-13 (3-3 1/2)	X	X			X	X		1	2X6 SS									
		TP-13 (3-3 1/2)			X	X				3	CNO									
		Total Number of Containers																		

Remarks:

230661

Rockridge Geotechnical

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CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 5 of 7

Date	Sample Number	Analysis							HOLD	# of containers	Relinquished by (Sampler)	
		CHM-17 metals	TPH-d, no. 2/SG cleaning	TPH-9	VOCs (8260)	OCF & PCBs	PAHs (8270SM)	Signature			Printed Name	
8/30	TP-13(2-2 1/2)			X	X				3	CNO	Signature <i>[Signature]</i> Printed Name Logan P. Medeiros Company Rockridge Geotechnical Date 8/30 Time 4:40 PM	
	TP-13(2-2 1/2)	X	X			X	X		1	2X6 SS	Received by: Signature Pat Gonzalez Printed Name Pat Gonzalez	
39	TP-13(1/2-1)							X	1	2X6 SS	Signature Printed Name	
40	TP-12(4 1/2-5)							X	1	2X6 SS	Date 8/30/11 Time 4:40 pm	
41	TP-12(3-3 1/2)							X	1	2X6 SS	Relinquished by	
42	TP-12(2-2 1/2)	X	X			X	X		1	2X6 SS	Signature	
	TP-12(2-2 1/2)			X	X				3	CNO	Printed Name	
43	TP-12(1/2-1)	X	X			X	X		1	2X6 SS	Company	
44	TP-12(1/2-1)			X	X				3	CNO	Date Time	
45	TP-9(4 1/2-5)							X	1	2X6 SS	Method of Shipment	
46	TP-9(3-3 1/2)	X	X			X	X		1	2X6 SS	Received by (Lab)	
47	TP-9(3-3 1/2)			X	X				3	CNO	Signature	
48	TP-9(2-2 1/2)							X	1	2X6 SS	Printed Name	
49	TP-9(2-2 1/2)							X	3	CNO	Lab	
	TP-9(1/2-1)	X	X			X	X		1	2X6 SS	Date Time	
	TP-9(1/2-1)			X	X				3	CNO	Lab Comments	
	TP-10(4 1/2-5)							X	1	2X6 SS		
	TP-10(3-3 1/2)	X	X			X	X		1	2X6 SS		
	TP-10(3-3 1/2)			X	X				3	CNO		

Total Number of Containers

Remarks:

230661

Rockridge Geotechnical

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(510) 420-5738
(510) 652-3096

CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 6 of 7

		Sample Information							Relinquished by (Sampler)	
Date	Sample Number	Analysis						HOLD	# of containers	Signature
		CAM-17 metals	TPH-d, no w/SG	TPH-g	VOCs (8260)	OCF & PCBs	PAHs (8270SM)			Printed Name
8/30	TP-10(2-2 1/2)							X	1 2X6 SS	Signature <i>J.D. Miller</i>
	TP-10(2-2 1/2)							X	3 CNO	Printed Name <i>Logan D. Melner</i>
50	TP-10(1-1 1/2)	X	X			X	X		1 2X6 SS	Company <i>Rockridge Geotechnical</i>
51	TP-10(1-1 1/2)			X	X				3 CNO	Date <u>8/30</u> Time <u>4:40 PM</u>
52	TP-15(1 1/2-2)	X	X			X	X		1 2X6 SS	Received by: <i>Pat Gonzalez</i>
53	TP-15(1 1/2-2)			X	X				3 CNO	Signature <i>Pat Gonzalez</i>
54	TP-15(0-1/2)	X	X			X	X		1 2X6 SS	Printed Name <i>Pat Gonzalez</i>
55	TP-15(0-1/2)			X	X				3 CNO	Company <i>CAT</i>
56	TP-16(1 1/2-2)	X	X			X	X		1 2X6 SS	Date <u>8/30/11</u> Time <u>4:40 pm</u>
57	TP-16(0-1/2)	X	X			X	X		3 CNO	Relinquished by
58	TP-16(0-1/2)	X	X			X	X		1 2X6 SS	Signature
59	TP-17(1 1/2-2)			X	X			X	1 2X6 SS	Printed Name
60	TP-17(1 1/2-2)			X	X			X	3 CNO	Lab
61	TP-17(0-1/2)	X	X			X	X		1 2X6 SS	Date
62	TP-17(0-1/2)			X	X				3 CNO	Time
63	TP-11(4 1/2-5)							X	1 2X6 SS	Method of Shipment
64	TP-11(3-3 1/2)							X	1 2X6 SS	Received by (Lab)
65	TP-11(3-3 1/2)							X	3 CNO	Signature
66	TP-11(2-2 1/2)	X	X			X	X		1 2X6 SS	Printed Name
67										Lab
68										Date
69										Time
70										Method of Shipment
71										Received by (Lab)
72										Signature
73										Printed Name
74										Lab
75										Date
76										Time
77										Method of Shipment
78										Received by (Lab)
79										Signature
80										Printed Name
81										Lab
82										Date
83										Time
84										Method of Shipment
85										Received by (Lab)
86										Signature
87										Printed Name
88										Lab
89										Date
90										Time
91										Method of Shipment
92										Received by (Lab)
93										Signature
94										Printed Name
95										Lab
96										Date
97										Time
98										Method of Shipment
99										Received by (Lab)
100										Signature
101										Printed Name
102										Lab
103										Date
104										Time
105										Method of Shipment
106										Received by (Lab)
107										Signature
108										Printed Name
109										Lab
110										Date
111										Time
112										Method of Shipment
113										Received by (Lab)
114										Signature
115										Printed Name
116										Lab
117										Date
118										Time
119										Method of Shipment
120										Received by (Lab)
121										Signature
122										Printed Name
123										Lab
124										Date
125										Time
126										Method of Shipment
127										Received by (Lab)
128										Signature
129										Printed Name
130										Lab
131										Date
132										Time
133										Method of Shipment
134										Received by (Lab)
135										Signature
136										Printed Name
137										Lab
138										Date
139										Time
140										Method of Shipment
141										Received by (Lab)
142										Signature
143										Printed Name
144										Lab
145										Date
146										Time
147										Method of Shipment
148										Received by (Lab)
149										Signature
150										Printed Name
151										Lab
152										Date
153										Time
154										Method of Shipment
155										Received by (Lab)
156										Signature
157										Printed Name
158										Lab
159										Date
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161										Method of Shipment
162										Received by (Lab)
163										Signature
164										Printed Name
165										Lab
166										Date
167										Time
168										Method of Shipment
169										Received by (Lab)
170										Signature
171										Printed Name
172										Lab
173										Date
174										Time
175										Method of Shipment
176										Received by (Lab)
177										Signature
178										Printed Name
179										Lab
180										Date
181										Time
182										Method of Shipment
183										Received by (Lab)
184										Signature
185										Printed Name
186										Lab
187										Date
188										Time
189										Method of Shipment
190										Received by (Lab)
191										Signature
192										Printed Name
193										Lab
194										Date
195										Time
196										Method of Shipment
197										Received by (Lab)
198										Signature
199										Printed Name
200										Lab

Total Number of Containers

Remarks:

230661

Rockridge Geotechnical

4329 Piedmont Ave.,
Oakland, CA 94611
(510) 420-5738
(510) 652-3096

CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 7 of 7

Date	Sample Number	Analysis							# of Containers	Relinquished by (Sampler)	
		CAM 17 metals	TPH-d, no clon	TPH-9	VOCs (8260)	OCF & PCBs	PAHs (8270 SIM)	HOLD			
8/30	TP-11(2-2 1/2)			X	X				3 CNO	Signature <i>J. D. M.</i> Printed Name <i>Logan D. Malinos</i> Company <i>Rockridge Geotechnical</i> Date <i>8/30</i> Time <i>4:40 PM</i> Received by: <i>Pat Gonzalez</i> Signature <i>Pat Gonzalez</i> Printed Name	
	TP-11(1/2-1)	X	X		X		X		1 2X6 SS	Company <i>C & T</i>	
	TP-11(1/2-1)			X	X				3 CNO	Date <i>8/30/11</i> Time <i>4:40 PM</i>	
	TP-22(1 1/2-2)							X	1 2X6 SS	Relinquished by	
	TP-22(1 1/2-2)							X	3 CNO	Signature	
	TP-22(0-1/2)	X	X		X		X		1 2X6 SS	Printed Name	
	TP-22(0-1/2)			X	X				3 CNO	Company	
	TP-21(1 1/2-2)							X	1 2X6 SS	Date Time	
	TP-21(1 1/2-2)							X	3 CNO	Method of Shipment	
	TP-21(0-1/2)	X	X		X		X		1 2X6 SS	Received by (Lab)	
	TP-21(0-1/2)			X	X				3 CNO	Signature	
	TP-20(2-2 1/2)	X							1 2X6 SS	Printed Name	
	TP-20(2-2 1/2)			X	X				3 CNO	Lab	
	TP-19(1 1/2-2)							X	1 2X6 SS	Date Time	
	TP-19(1 1/2-2)							X	3 CNO	Lab Comments	
	TP-19(0-1/2)	X	X		X		X		1 2X6 SS		
	TP-19(0-1/2)			X	X				3 CNO		
		Total Number of Containers									

b0-
b2/
b1
va
b3/
b2
va
b4/
b3
va
b5/
b4
va
b6/
b5
va
b7/
b6
va
b8/
b7
va
b9/
b8
va

Remarks: standard / ASAP 5 days

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 230661 Date Received 8/30/11 Number of coolers 2
 Client Rockledge Geotechnical Project Ashland Youth Center
 Date Opened 8/30/11 By (print) Isabelle (sign) [Signature]
 Date Logged in L By (print) V. Darsi (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) _____ YES NO
 Shipping info _____
- 2A. Were custody seals present? YES (circle) on cooler on samples NO
 How many _____ Name _____ Date _____
- 2B. Were custody seals intact upon arrival? _____ YES NO N/A
3. Were custody papers dry and intact when received? _____ YES NO
4. Were custody papers filled out properly (ink, signed, etc)? _____ YES NO
5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO
6. Indicate the packing in cooler: (if other, describe) _____
 Bubble Wrap Foam blocks Bags None
 Cloth material Cardboard Styrofoam Paper towels
7. Temperature documentation: * Notify PM if temperature exceeds 6°C
 Type of ice used: Wet Blue/Gel None Temp(°C) _____
 Samples Received on ice & cold without a temperature blank
 Samples received on ice directly from the field. Cooling process had begun
8. Were Method 5035 sampling containers present? _____ YES NO
 If YES, what time were they transferred to freezer? _____
9. Did all bottles arrive unbroken/unopened? _____ YES NO
10. Are samples in the appropriate containers for indicated tests? _____ YES NO
11. Are sample labels present, in good condition and complete? _____ YES NO
12. Do the sample labels agree with custody papers? _____ YES NO
13. Was sufficient amount of sample sent for tests requested? _____ YES NO
14. Are the samples appropriately preserved? _____ YES NO N/A
15. Did you check preservatives for all bottles for each sample? _____ YES NO N/A
16. Did you document your preservative check? _____ YES NO N/A
17. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO N/A
18. Are bubbles > 6mm absent in VOA samples? _____ YES NO N/A
19. Was the client contacted concerning this sample delivery? _____ YES NO
 If YES, Who was called? _____ By _____ Date: _____

COMMENTS

Total Extractable Hydrocarbons			
Lab #:	230931	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received	Prepared:	09/11/11
Batch#:	178831	Analyzed:	09/12/11

Field ID: TP-8 (3-3 1/2) Lab ID: 230931-001
 Type: SAMPLE Diln Fac: 5.000

Analyte	Result	RL
Diesel C10-C24	87 Y	5.0
Motor Oil C24-C36	400	25

Surrogate	%REC	Limits
o-Terphenyl	89	62-120

Field ID: TP-11 (3-3 1/2) Lab ID: 230931-004
 Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	90	62-120

Type: BLANK Diln Fac: 1.000
 Lab ID: QC608515

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	94	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	230931	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC608516	Batch#:	178831
Matrix:	Soil	Prepared:	09/11/11
Units:	mg/Kg	Analyzed:	09/12/11

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.10	39.03	78	54-138

Surrogate	%REC	Limits
o-Terphenyl	66	62-120

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	230931	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	178831
MSS Lab ID:	230729-001	Sampled:	08/30/11
Matrix:	Soil	Received:	08/31/11
Units:	mg/Kg	Prepared:	09/11/11
Basis:	as received	Analyzed:	09/12/11
Diln Fac:	1.000		

Type: MS Lab ID: QC608517

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	1.582	50.18	47.53	92	35-150

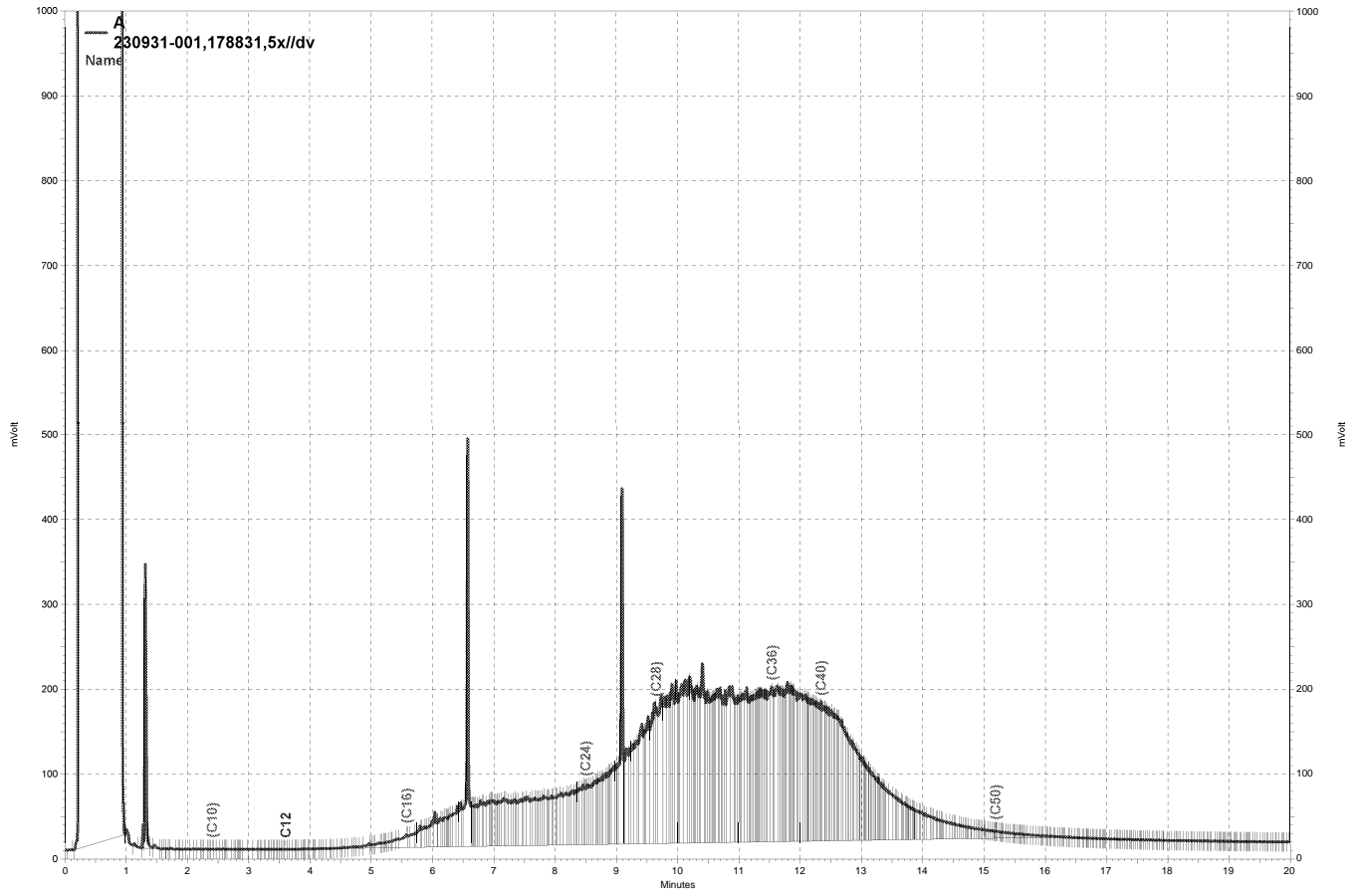
Surrogate	%REC	Limits
o-Terphenyl	78	62-120

Type: MSD Lab ID: QC608518

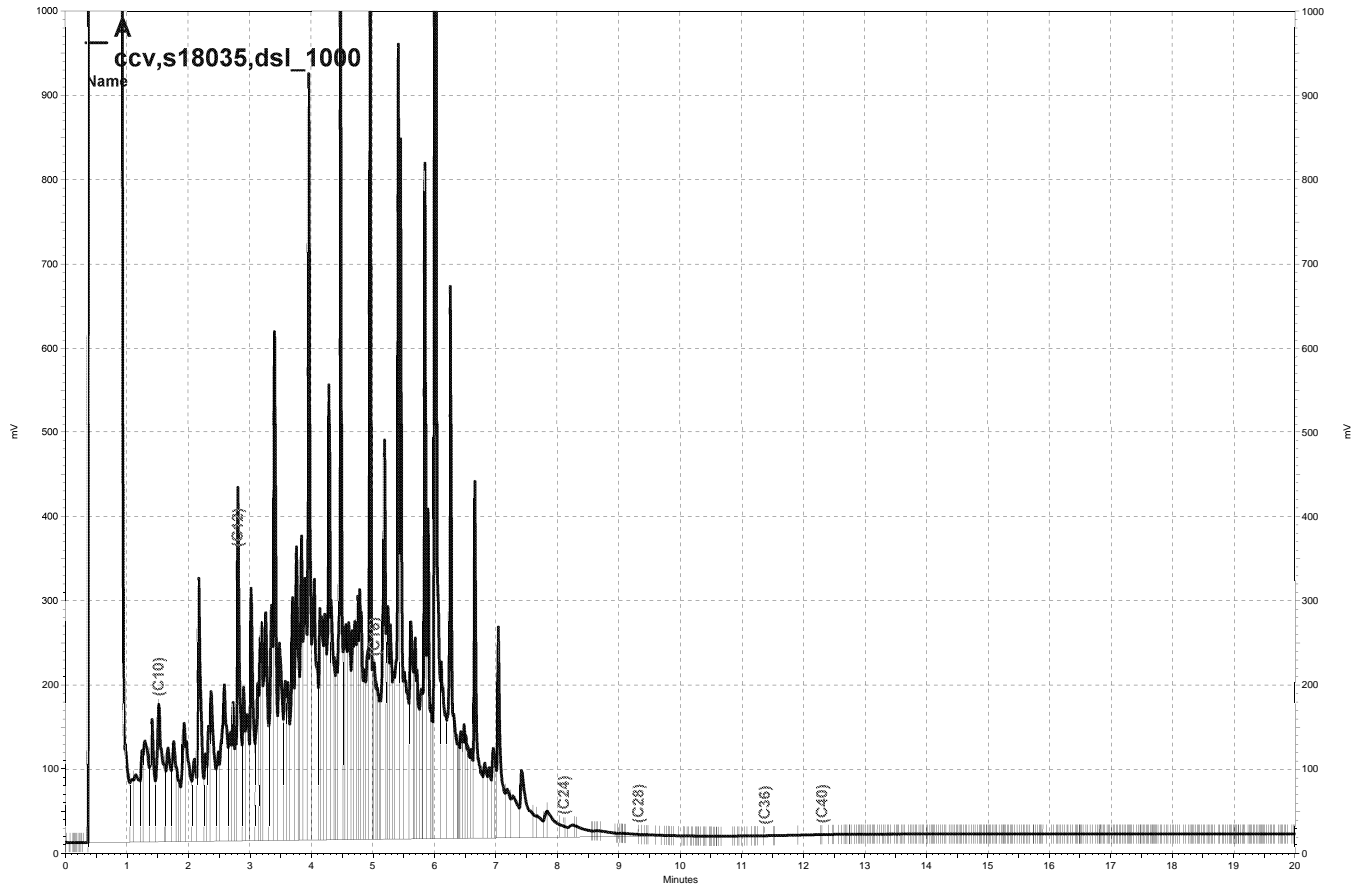
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.29	44.39	85	35-150	7	71

Surrogate	%REC	Limits
o-Terphenyl	78	62-120

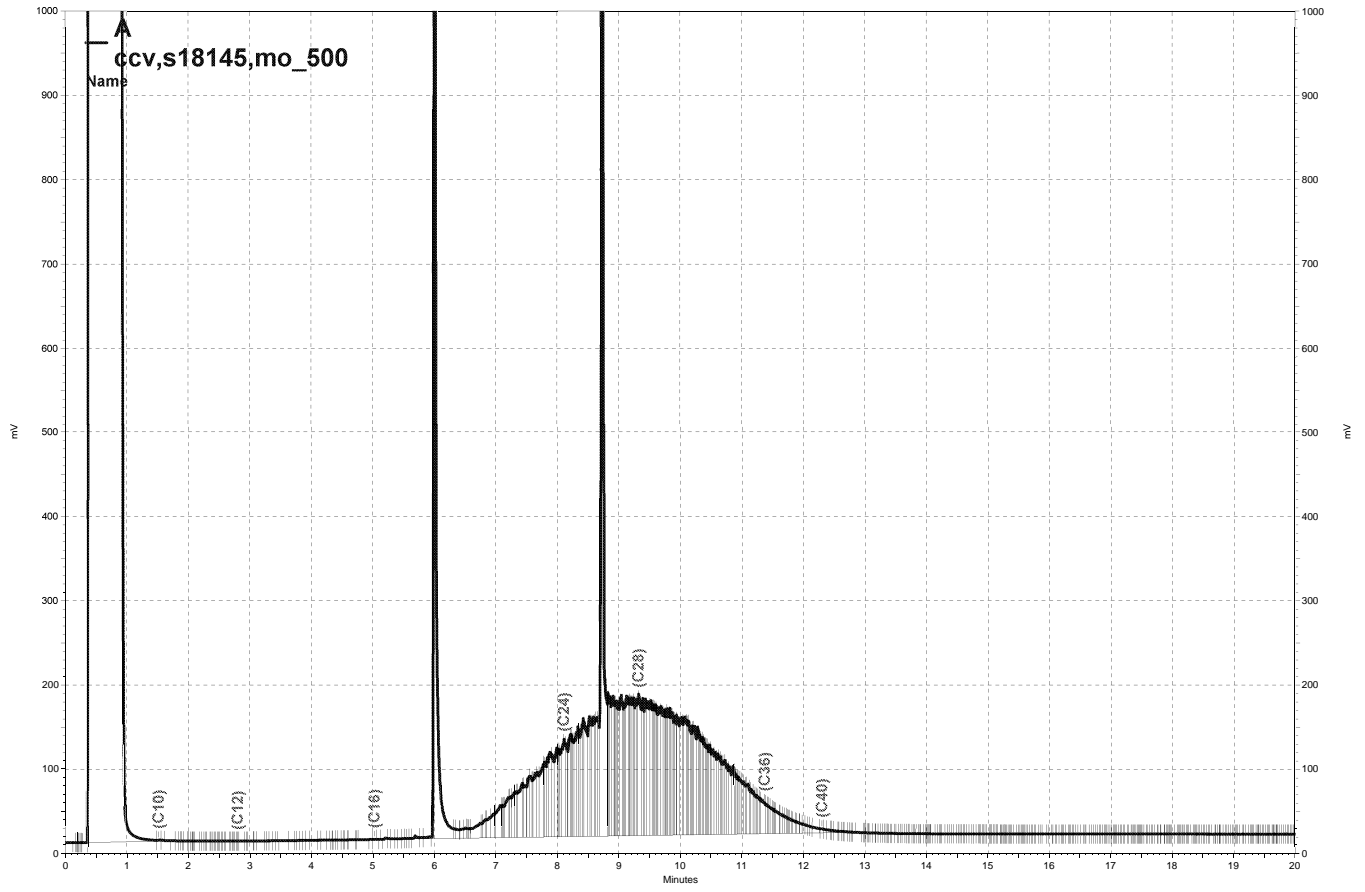
RPD= Relative Percent Difference



\\Lims\gdrive\ezchrom\Projects\GC26\Data\255a007, A



— \\Lims\gdrive\ezchrom\Projects\GC17A\Data\255a003, A



— \\Lims\gdrive\ezchrom\Projects\GC17A\Data\255a004, A

Lead			
Lab #:	230931	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	WET
Project#:	11-319	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	178868
Matrix:	WET Leachate	Sampled:	08/30/11
Units:	ug/L	Received:	08/30/11
Diln Fac:	10.00	Prepared:	09/12/11

Field ID	Type	Lab ID	Result	RL	Analyzed
TP-3 (3-3 1/2)	SAMPLE	230931-002	ND	250	09/13/11
TP-10 (2-2 1/2)	SAMPLE	230931-003	110,000	250	09/12/11
TP-19 (1 1/2-2)	SAMPLE	230931-005	ND	250	09/12/11
	BLANK	QC608678	ND	250	09/12/11

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Lead			
Lab #:	230931	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	WET
Project#:	11-319	Analysis:	EPA 6010B
Analyte:	Lead	Batch#:	178868
Field ID:	TP-3 (3-3 1/2)	Sampled:	08/30/11
MSS Lab ID:	230931-002	Received:	08/30/11
Matrix:	WET Leachate	Prepared:	09/12/11
Units:	ug/L	Analyzed:	09/12/11

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim	Diln	Fac
BS	QC608679		2,000	1,921	96	77-120				1.000
BSD	QC608680		2,000	1,959	98	77-120	2	20		1.000
MS	QC608681	153.6	10,000	9,906	98	58-120				10.00
MSD	QC608682		10,000	9,829	97	58-120	1	29		10.00

RPD= Relative Percent Difference

Semivolatile Organics by GC/MS SIM

Lab #:	230882	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-20 (2-2 1/2)	Batch#:	178768
Lab ID:	230882-001	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/08/11
Basis:	as received	Analyzed:	09/09/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	74	33-120
2-Fluorobiphenyl	68	43-120
Terphenyl-d14	70	38-120

ND= Not Detected
 RL= Reporting Limit

Batch QC Report
Semivolatile Organics by GC/MS SIM

Lab #:	230882	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC608233	Batch#:	178768
Matrix:	Soil	Prepared:	09/08/11
Units:	ug/Kg	Analyzed:	09/09/11

Analyte	Result	RL
Naphthalene	ND	5.1
Acenaphthylene	ND	5.1
Acenaphthene	ND	5.1
Fluorene	ND	5.1
Phenanthrene	ND	5.1
Anthracene	ND	5.1
Fluoranthene	ND	5.1
Pyrene	ND	5.1
Benzo(a)anthracene	ND	5.1
Chrysene	ND	5.1
Benzo(b)fluoranthene	ND	5.1
Benzo(k)fluoranthene	ND	5.1
Benzo(a)pyrene	ND	5.1
Indeno(1,2,3-cd)pyrene	ND	5.1
Dibenz(a,h)anthracene	ND	5.1
Benzo(g,h,i)perylene	ND	5.1

Surrogate	%REC	Limits
Nitrobenzene-d5	77	33-120
2-Fluorobiphenyl	71	43-120
Terphenyl-d14	78	38-120

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Semivolatile Organics by GC/MS SIM

Lab #:	230882	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC608234	Batch#:	178768
Matrix:	Soil	Prepared:	09/08/11
Units:	ug/Kg	Analyzed:	09/09/11

Analyte	Spiked	Result	%REC	Limits
Acenaphthene	33.77	21.85	65	44-120
Pyrene	33.77	22.05	65	36-120

Surrogate	%REC	Limits
Nitrobenzene-d5	68	33-120
2-Fluorobiphenyl	62	43-120
Terphenyl-d14	62	38-120



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2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 230661
ANALYTICAL REPORT

Rockridge Geotechnical
4379 Piedmont Ave.
Oakland, CA 94611

Project : 11-319
Location : Ashland Youth Center
Level : II

Table with 6 columns: Sample ID, Lab ID, Sample ID, Lab ID, Sample ID, Lab ID. It lists various sample and lab identifiers such as TP-1 (1/2-1) with Lab ID 230661-001, up to TP-4 (1/2-1) with Lab ID 230661-023.

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: [Handwritten Signature]
Project Manager

Date: 09/07/2011

CASE NARRATIVE

Laboratory number: 230661
Client: Rockridge Geotechnical
Project: 11-319
Location: Ashland Youth Center
Request Date: 08/30/11
Samples Received: 08/30/11

This data package contains sample and QC results for forty one soil samples, requested for the above referenced project on 08/30/11. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):

Matrix spikes were not performed for this analysis in batch 178597 due to insufficient sample amount. Matrix spikes were not performed for this analysis in batch 178599 due to insufficient sample amount. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):

Many samples were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

Matrix spikes were not performed for this analysis in batch 178562 due to insufficient sample amount. Matrix spikes were not performed for this analysis in batch 178560 due to insufficient sample amount. High surrogate recoveries were observed for bromofluorobenzene in TP-18 (0-1/2) (lab # 230661-010) and TP-20 (2-2 1/2) (lab # 230661-066); no target analytes were detected in these samples. No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

High surrogate recoveries were observed for nitrobenzene-d5 in TP-14 (0-1/2) (lab # 230661-008), TP-14 (1 1/2-2) (lab # 230661-009), and TP-18 (1 1/2-2) (lab # 230661-011). Many samples were diluted due to the dark and viscous nature of the sample extracts. TP-18 (0-1/2) (lab # 230661-010) and TP-18 (1 1/2-2) (lab # 230661-011) were diluted due to high non-target analytes. No other analytical problems were encountered.

Pesticides (EPA 8081A):

All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. All samples underwent florisol cleanup using EPA Method 3620C. High response was observed for endrin in the CCV analyzed 09/04/11 00:54; affected data was qualified with "b". High response was observed for endrin in the CCV analyzed 09/04/11 02:44; affected data was qualified with "b". Low surrogate recoveries were observed for decachlorobiphenyl in TP-18 (0-1/2) (lab # 230661-010) and TP-18 (1 1/2-2) (lab # 230661-011); the corresponding TCMX surrogate recoveries were within limits. Many samples were diluted due to the color of the sample extracts. No other analytical problems were encountered.

CASE NARRATIVE

Laboratory number: 230661
Client: Rockridge Geotechnical
Project: 11-319
Location: Ashland Youth Center
Request Date: 08/30/11
Samples Received: 08/30/11

PCBs (EPA 8082):

All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. Low surrogate recovery was observed for decachlorobiphenyl in TP-18 (0-1/2) (lab # 230661-010); the corresponding TCMX surrogate recovery was within limits. No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

Low recoveries were observed for cobalt and chromium in the MS/MSD of TP-1 (1/2-1) (lab # 230661-001); the BS/BSD were within limits. High RPD was observed for chromium and nickel; the RPD was acceptable in the BS/BSD. No other analytical problems were encountered.

Rockridge Geotechnical

4319 Piedmont Ave.,
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(510) 420-5738
(510) 652-3096

CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 1 of 7

		Sample Information							Relinquished by (Sampler)		
Date	Sample Number	Analysis					PAHs (8270 SIM)	HOLD	# of Containers	Signature	
		CAM-17 metals	TPH-d, no w/ SG cleanup	TPH-g	VOCs (P200)	OCPs & PCBs				Printed Name	
8/30	TP-1(1/2-1)	X	X			X	X	1 tube	Signature <i>J. S. U...</i>		
	TP-1(1/2-1)			X	X			3 CNO	Printed Name Logan D. Medeiros		
2	TP-1(2-2 1/2)	X	X			X	X	1 tube	Company Rockridge Geotechnical		
	TP-1(3-3 1/2)						X	1 tube	Date 8/30 Time 4:40 PM		
3	TP-1(3-3 1/2)						X	3 CNO	Received by: Pat Gonzalez		
	TP-1(2-2 1/2)			X	X			3 CNO	Signature Pat Gonzalez		
4	TP-8(1/2-1)	X	X			X	X	1 tube	Printed Name Pat Gonzalez		
	TP-8(1/2-1)			X	X			3 CNO	Company C&T		
5	TP-8(2-2 1/2)	X	X			X	X	1 tube	Date 8/30/11 Time 4:40 pm		
	TP-8(2-2 1/2)			X	X			3 CNO	Relinquished by		
6	TP-8(3-3 1/2)						X	1 tube	Signature		
	TP-8(3-3 1/2)						X	3 CNO	Printed Name		
7	TP-8(5-5 1/2)	X	X			X	X	1 tube	Company		
	TP-8(5-5 1/2)			X	X			3 CNO	Date Time		
8	TP-14(0-1/2)	X	X			X	X	1 tube	Method of Shipment		
	TP-14(0-1/2)			X	X			3 CNO	Received by (Lab)		
9	TP-14(1 1/2-2)	X	X			X	X	1 tube	Signature		
	TP-14(1 1/2-2)			X	X			3 CNO	Printed Name		
10	TP-18(0-1/2)	X	X			X	X	1 tube	Lab		
	TP-18(0-1/2)			X	X			3 CNO	Date Time		
		Total Number of Containers									Lab Comments

Remarks:

230661

Rockridge Geotechnical

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CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 2 of 7

		Sample Information							Relinquished by (Sampler)		
Date	Sample Number	Analysis							Signature	Printed Name	
		CAM-17 metals	TPH-2, plus w/ SG	TPH-9	VOCs (8260)	OCPS & PCBs	PAHs (8270 SIM)	PAHs (8270 SIM)			# of Containers
11	8/30 TP-18(1 1/2-2)	X	X			X	X	1 tube	Logan D. Melares	Rockridge Geotechnical	
	TP-18(1 1/2-2)			X	X			3 CNO	Pat Gonzalez	Pat Gonzalez	
12	TP-2(1-1 1/2)	X	X	X	X	X	X	1 tube	8/30/11	4:40	
12	TP-2(2-2 1/2)	X	X			X	X	1 tube			
	TP-2(2-2 1/2)			X	X			3 CNO			
14	TP-2(3-3 1/2)						X				
	TP-2(3-3 1/2)						X				
15	TP-2(4 1/2-5)						X				
	TP-2(4 1/2-5)						X				
		Total Number of Containers									

Remarks:

Rockridge Geotechnical

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(510) 652-3096

CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 3 of 7

Sample Information

Relinquished by (Sampler)

Signature *[Signature]*
Printed Name Logan D Medley
Company Rockridge Geotechnical
Date 8/30 Time 4:40 PM
Received by: Pat Gonzalez
Signature *[Signature]*
Printed Name Pat Mangly

Date	Sample Number	Analysis						# of containers
		CAM-17 metals	TPH-d, no v/ metals	TPH-g	VOCs (8260)	OCPs & PCBs	PAHs (8270 SM)	
8/30/11	TP-3 (4 1/2-5)						X	1 2X6 SS
	TP-3 (4 1/2-5)						X	3 CNO
	TP-3 (3-3 1/2)						X	1 2X6 SS
	TP-3 (3-3 1/2)						X	3 CNO
	TP-3 (2-2 1/2)	X	X		X	X		1 2X6 SS
	TP-3 (2-2 1/2)			X	X			3 CNO CNO
	TP-3 (1/2-1)	X	X		X	X		1 2X6 SS
	TP-3 (1/2-1)			X	X			3 CNO
	TP-4 (4 1/2-5)						X	1 2X6 SS
	TP-4 (3-3 1/2)						X	1 2X6 SS
	TP-4 (3-3 1/2)						X	3 CNO
	TP-4 (2-2 1/2)	X	X		X	X		1 2X6 SS
	TP-4 (2-2 1/2)			X	X			3 CNO
	TP-4 (1/2-1)	X	X		X	X		1 2X6 SS
	TP-4 (1/2-1)			X	X			3 CNO
	TP-5 (4 1/2-5)						X	1 2X6 SS
	TP-5 (3-3 1/2)						X	1 2X6 SS
	TP-5 (3-3 1/2)						X	3 CNO
	TP-5 (2-2 1/2)	X	X		X	X		1 2X6 SS
	TP-5 (2-2 1/2)			X	X			3 CNO

Total Number of Containers

Remarks:

Rockridge Geotechnical

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CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 4 of 7

Sample Information

Relinquished by (Sampler)

Signature *[Signature]*
Printed Name Logan D. Melover
Company Rockridge Geotechnical
Date 8/30 Time 4:40 PM
Received by: Pat Gonzalez
Signature *[Signature]*
Printed Name Pat Gonzalez

Date	Sample Number	Analysis						HOLD	# of containers		
		CAM -17 metals	TPH-d, no cleanup	TPH-g	VOCs (8260)	OCPS & PCBs	PAHs (8270 SIM)				
8/30/11	TP-5 (1/2-1)	X	X			X	X		1	2X6 SS	
	TP-5 (1/2-1)			X	X				3	CNO	
	TP-6 (3-3 1/2)							X	1	2X6 SS	Date 8/30 Time 4:40 pm
	TP-6 (3-3 1/2)							X	3	CNO	Relinquished by
	TP-6 (2-2 1/2)	X	X			X	X		1	2X6 SS	Signature
	TP-6 (2-2 1/2)			X	X				3	CNO	Printed Name
	TP-6 (1-1 1/2)	X	X			X	X		1	2X6 SS	Company
	TP-6 (1-1 1/2)			X	X				3	CNO	Date Time
	TP-6 (4 1/2-5)							X	1	2X6 SS	Method of Shipment
	TP-7 (4 1/2-5)							X	1	2X6 SS	Received by (Lab)
	TP-7 (3-3 1/2)	X	X			X	X		1	2X6 SS	Signature
	TP-7 (3-3 1/2)			X	X				3	CNO	Printed Name
	TP-7 (2-2 1/2)	X	X			X	X		1	2X6 SS	Lab
	TP-7 (2-2 1/2)			X	X				3	CNO	Date Time
	TP-7 (1-1 1/2)	X	X			X	X		1	2X6 SS	Lab Comments
	TP-7 (1-1 1/2)			X	X				3	CNO	
	TP-13 (4 1/2-5)							X	1	2X6 SS	
	TP-13 (3-3 1/2)	X	X			X	X		1	2X6 SS	
	TP-13 (3-3 1/2)			X	X				3	CNO	

Total Number of Containers

Remarks:

Rockridge Geotechnical

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CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 5 of 7

Sample Information

Relinquished by (Sampler)

Signature [Signature]
Printed Name Logan P. Medeiros
Company Rockridge Geotechnical
Date 8/30 Time 4:40 PM
Received by:
Signature [Signature]
Printed Name Pat Gonzalez

Date	Sample Number	Analysis						HOLD	# of containers
		CAM-17 metals	TPH-d, no 2/SG cleanup	TPH-9	VOCs (8260)	OCF & PCBs	PAHs (8270SM)		
8/30	TP-13(2-2 1/2)			X	X			3	CNO
	TP-13(2-2 1/2)	X	X			X	X	1	2X6 SS
39	TP-13(1/2-1)							X	1 2X6 SS
40	TP-12(4 1/2-5)							X	1 2X6 SS
41	TP-12(3-3 1/2)							X	1 2X6 SS
	TP-12(3-3 1/2)							X	3 CNO
42	TP-12(2-2 1/2)	X	X			X	X	1	2X6 SS
	TP-12(2-2 1/2)			X	X			3	CNO
43	TP-12(1/2-1)	X	X			X	X	1	2X6 SS
	TP-12(1/2-1)			X	X			3	CNO
44	TP-9(4 1/2-5)							X	1 2X6 SS
45	TP-9(3-3 1/2)	X	X			X	X	1	2X6 SS
	TP-9(3-3 1/2)			X	X			3	CNO
46	TP-9(2-2 1/2)							X	1 2X6 SS
	TP-9(2-2 1/2)							X	3 CNO
47	TP-9(1/2-1)	X	X			X	X	1	2X6 SS
	TP-9(1/2-1)			X	X			3	CNO
48	TP-10(4 1/2-5)							X	1 2X6 SS
49	TP-10(3-3 1/2)	X	X			X	X	1	2X6 SS
	TP-10(3-3 1/2)			X	X			3	CNO

Total Number of Containers

Remarks:

230661

Rockridge Geotechnical

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CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 6 of 7

		Sample Information							Relinquished by (Sampler)			
Date	Sample Number	Analysis						HOLD	# of containers	Signature		
		CAM-17 metals	TPH-d, no of SG elements	TPH-g	VOCs (8260)	OCF & PCBs	PAHs (8270 STM)			Printed Name	Company	Date
8/30	TP-10(2-2 1/2)							X	1	2X6 SS	Signature <i>J.D. Maloney</i>	
	TP-10(2-2 1/2)							X	3	CNO	Printed Name <i>Logan D. Maloney</i>	
	TP-10(1-1 1/2)	X	X			X	X		1	2X6 SS	Company <i>Rockridge Geotechnical</i>	
	TP-10(1-1 1/2)			X	X				3	CNO	Date <i>8/30</i> Time <i>4:40 PM</i>	
	TP-15(1 1/2-2)	X	X			X	X		1	2X6 SS	Received by: <i>Pat Gonzalez</i>	
	TP-15(1 1/2-2)			X	X				3	CNO	Signature <i>Pat Gonzalez</i>	
	TP-15(0-1/2)	X	X			X	X		1	2X6 SS	Printed Name <i>Pat Gonzalez</i>	
	TP-15(0-1/2)			X	X				3	CNO	Company <i>CNT</i>	
	TP-16(1 1/2-2)	X	X			X	X		1	2X6 SS	Date <i>8/30/11</i> Time <i>4:40 pm</i>	
	TP-16(1 1/2-2)			X	X				3	CNO	Relinquished by	
	TP-16(0-1/2)	X	X			X	X		1	2X6 SS	Signature	
	TP-16(0-1/2)			X	X				3	CNO	Printed Name	
	TP-17(1 1/2-2)							X	1	2X6 SS	Lab	
	TP-17(1 1/2-2)							X	3	CNO	Date	
	TP-17(0-1/2)	X	X			X	X		1	2X6 SS	Time	
	TP-17(0-1/2)			X	X				3	CNO	Method of Shipment	
	TP-11(4 1/2-5)							X	1	2X6 SS	Received by (Lab)	
	TP-11(3-3 1/2)							X	1	2X6 SS	Signature	
	TP-11(3-3 1/2)							X	3	CNO	Printed Name	
	TP-11(2-2 1/2)	X	X			X	X		1	2X6 SS	Lab	
		Total Number of Containers										Lab Comments

50
51
52
53
54
55
56
57
58
59
60
61
62

Remarks:

Rockridge Geotechnical

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CHAIN OF CUSTODY RECORD

Project No. 11-319 Project Name Ashland Youth Center Date 8/30/2011 Page 7 of 7

b0-
b2/
b1
va
b3
b2
va
b4
b3
va
b5
b4
va
b6
b5
va
b7
b6
b8
b7
va
b9
b8
va

		Sample Information						Relinquished by (Sampler)			
Date	Sample Number	Analysis						# of Containers			
		CAM 17 metals	TPH-4, no chlorine	TPH-9	VOCs (8260)	OCF & PCBs	PAHs (8270 SIM)			HOLD	
8/30	TP-11(2-2 1/2)			X	X			3	CNO	Signature <u>J. D. M.</u> Printed Name <u>Logan D. Melendez</u> Company <u>Rockridge Geotechnical</u> Date <u>8/30</u> Time <u>4:40 PM</u> Received by: <u>Pat Gonzalez</u> Signature <u>Pat Gonzalez</u> Printed Name	
	TP-11(1/2-1)	X	X			X	X	1	2X6 SS	Company <u>C & T</u>	
	TP-11(1/2-1)			X	X			3	CNO	Date <u>8/30/11</u> Time <u>4:40 pm</u>	
	TP-22(1 1/2-2)							X	1 2X6 SS	Relinquished by	
	TP-22(1 1/2-2)							X	3 CNO	Signature	
	TP-22(0-1/2)	X	X			X	X	1	2X6 SS	Printed Name	
	TP-22(0-1/2)			X	X			3	CNO	Company	
	TP-21(1 1/2-2)							X	1 2X6 SS	Date Time	
	TP-21(1 1/2-2)							X	3 CNO	Method of Shipment	
	TP-21(0-1/2)	X	X			X	X	1	2X6 SS	Received by (Lab)	
	TP-21(0-1/2)			X	X			3	CNO	Signature	
	TP-20(2-2 1/2)		X					1	2X6 SS	Printed Name	
	TP-20(2-2 1/2)			X	X			3	CNO	Lab	
	TP-19(1 1/2-2)							X	1 2X6 SS	Date Time	
	TP-19(1 1/2-2)							X	3 CNO	Lab Comments	
	TP-19(0-1/2)	X	X			X	X	1	2X6 SS		
	TP-19(0-1/2)			X	X			3	CNO		
		Total Number of Containers									

Remarks: standard / ASAP 5 days

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 230661 Date Received 8/30/11 Number of coolers 2
Client Rockridge Geotechnical Project Ashland Youth Center

Date Opened 8/30/11 By (print) Isabelle (sign) [Signature]
Date Logged in L By (print) V. Sarshi (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) _____ YES NO
Shipping info _____

2A. Were custody seals present? YES (circle) on cooler on samples NO
How many _____ Name _____ Date _____

2B. Were custody seals intact upon arrival? _____ YES NO N/A

3. Were custody papers dry and intact when received? _____ YES NO

4. Were custody papers filled out properly (ink, signed, etc)? _____ YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) _____ YES NO

6. Indicate the packing in cooler: (if other, describe) _____
 Bubble Wrap Foam blocks Bags None
 Cloth material Cardboard Styrofoam Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C
Type of ice used: Wet Blue/Gel None Temp(°C) _____

Samples Received on ice & cold without a temperature blank
 Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES NO
If YES, what time were they transferred to freezer? _____

9. Did all bottles arrive unbroken/unopened? _____ YES NO

10. Are samples in the appropriate containers for indicated tests? _____ YES NO

11. Are sample labels present, in good condition and complete? _____ YES NO

12. Do the sample labels agree with custody papers? _____ YES NO

13. Was sufficient amount of sample sent for tests requested? _____ YES NO

14. Are the samples appropriately preserved? _____ YES NO N/A

15. Did you check preservatives for all bottles for each sample? _____ YES NO N/A

16. Did you document your preservative check? _____ YES NO N/A

17. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO N/A

18. Are bubbles > 6mm absent in VOA samples? _____ YES NO N/A

19. Was the client contacted concerning this sample delivery? _____ YES NO
If YES, Who was called? _____ By _____ Date: _____

COMMENTS

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-1 (1/2-1)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/02/11
Lab ID:	230661-001	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.21

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	74-132

Field ID:	TP-1 (2-2 1/2)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/02/11
Lab ID:	230661-002	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.24

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	74-132

Field ID:	TP-8 (1/2-1)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/02/11
Lab ID:	230661-004	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.28

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	74-132

Field ID:	TP-8 (2-2 1/2)	Batch#:	178644
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-005	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.18

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	74-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-8 (5-5 1/2)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-007	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	105	74-132

Field ID:	TP-14 (0-1/2)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-008	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.18

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	102	74-132

Field ID:	TP-14 (1 1/2-2)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-009	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	0.49 Y	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	102	74-132

Field ID:	TP-18 (0-1/2)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-010	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	0.31	0.19

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	94	74-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-18 (1 1/2-2)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-011	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	0.69 Y	0.18

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	105	74-132

Field ID:	TP-2 (1-1 1/2)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-012	Prep:	EPA 5030B
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	1.1

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	74-132

Field ID:	TP-2 (2-2 1/2)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-013	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.18

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	100	74-132

Field ID:	TP-3 (2-2 1/2)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-018	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.19

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	74-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-3 (1/2-1)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-019	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	100	74-132

Field ID:	TP-4 (2-2 1/2)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-022	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	74-132

Field ID:	TP-4 (1/2-1)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-023	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	74-132

Field ID:	TP-5 (2-2 1/2)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-026	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	96	74-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-5 (1/2-1)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-027	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.16

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	98	74-132

Field ID:	TP-6 (2-2 1/2)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-029	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.19

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	74-132

Field ID:	TP-6 (1-1 1/2)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-030	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	100	74-132

Field ID:	TP-7 (3-3 1/2)	Batch#:	178598
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-033	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.19

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	101	74-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-7 (2-2 1/2)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/02/11
Lab ID:	230661-034	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.18

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	74-132

Field ID:	TP-7 (1-1 1/2)	Batch#:	178644
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-035	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	74-132

Field ID:	TP-13 (3-3 1/2)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/02/11
Lab ID:	230661-037	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.19

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	74-132

Field ID:	TP-13 (2-2 1/2)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/02/11
Lab ID:	230661-038	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	80	74-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-12 (2-2 1/2)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-042	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	74-132

Field ID:	TP-12 (1/2-1)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-043	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.19

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	74-132

Field ID:	TP-9 (3-3 1/2)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-045	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.19

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	74-132

Field ID:	TP-9 (1/2-1)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-047	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.19

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	98	74-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-10 (3-3 1/2)	Batch#:	178644
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-049	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	74-132

Field ID:	TP-10 (1-1 1/2)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-051	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.19

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	74-132

Field ID:	TP-15 (1 1/2-2)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-052	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	94	74-132

Field ID:	TP-15 (0-1/2)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-053	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.18

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	74-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-16 (1 1/2-2)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-054	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.16

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	74-132

Field ID:	TP-16 (0-1/2)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-055	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	74-132

Field ID:	TP-17 (0-1/2)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-057	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	94	74-132

Field ID:	TP-11 (2-2 1/2)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-060	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.22

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	74-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-11 (1/2-1)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-061	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	74-132

Field ID:	TP-22 (0-1/2)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-063	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.15

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	74-132

Field ID:	TP-21 (0-1/2)	Batch#:	178599
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-065	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	74-132

Field ID:	TP-20 (2-2 1/2)	Batch#:	178644
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-066	Prep:	EPA 5035
Diln Fac:	10.00		

Analyte	Result	RL
Gasoline C7-C12	46 Y	10

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	116	74-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-19 (0-1/2)	Batch#:	178597
Type:	SAMPLE	Analyzed:	09/02/11
Lab ID:	230661-068	Prep:	EPA 5035
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	0.20 Y	0.18

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	85	74-132

Type:	BLANK	Batch#:	178597
Lab ID:	QC607503	Analyzed:	09/02/11
Diln Fac:	1.000	Prep:	EPA 5035

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	74-132

Type:	BLANK	Batch#:	178598
Lab ID:	QC607505	Analyzed:	09/02/11
Diln Fac:	1.000	Prep:	EPA 5035

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	102	74-132

Type:	BLANK	Batch#:	178599
Lab ID:	QC607510	Analyzed:	09/02/11
Diln Fac:	1.000	Prep:	EPA 5035

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	74-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Type:	BLANK	Batch#:	178644
Lab ID:	QC607692	Analyzed:	09/06/11
Diln Fac:	1.000	Prep:	EPA 5035

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	83	74-132

Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	178597
Units:	mg/Kg	Analyzed:	09/02/11
Diln Fac:	1.000		

Type: BS Lab ID: QC607501

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.040	104	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	94	74-132

Type: BSD Lab ID: QC607502

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1.000	1.045	105	80-120	0	21

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	96	74-132

RPD= Relative Percent Difference

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC607504	Batch#:	178598
Matrix:	Soil	Analyzed:	09/02/11
Units:	mg/Kg		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.048	105	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	95	74-132

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5030B
Project#:	11-319	Analysis:	EPA 8015B
Field ID:	TP-2 (1-1 1/2)	Diln Fac:	1.000
MSS Lab ID:	230661-012	Batch#:	178598
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/03/11

Type: MS Lab ID: QC607506

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1029	10.20	10.06	98	43-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	103	74-132

Type: MSD Lab ID: QC607507

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.709	9.068	92	43-120	5	34

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	103	74-132

RPD= Relative Percent Difference

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	178599
Units:	mg/Kg	Analyzed:	09/02/11
Diln Fac:	1.000		

Type: BS Lab ID: QC607508

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	0.9932	99	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	74-132

Type: BSD Lab ID: QC607509

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1.000	1.090	109	80-120	9	21

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	94	74-132

RPD= Relative Percent Difference

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC607693	Batch#:	178644
Matrix:	Soil	Analyzed:	09/06/11
Units:	mg/Kg		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.079	108	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	88	74-132

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5030B
Project#:	11-319	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	230801-001	Batch#:	178644
Matrix:	Soil	Sampled:	08/31/11
Units:	mg/Kg	Received:	09/02/11
Basis:	as received	Analyzed:	09/06/11

Type: MS Lab ID: QC607768

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1124	9.524	7.452	77	43-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	94	74-132

Type: MSD Lab ID: QC607769

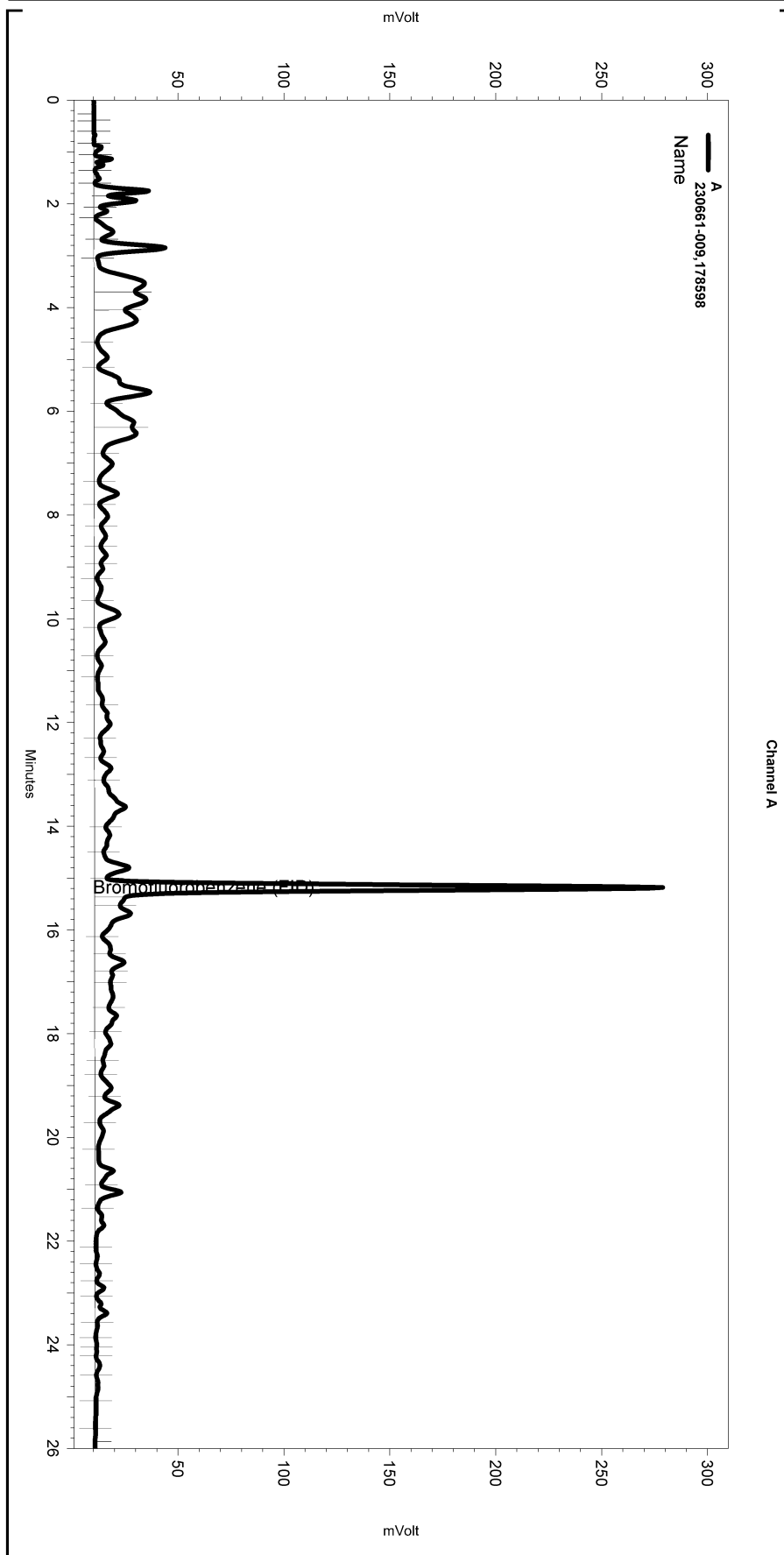
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.10	7.968	78	43-120	1	34

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	74-132

RPD= Relative Percent Difference

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 Sample Name: 230661-009,178598
 Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\245-014
 Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe153.met

Software Version 3.1.7
 Run Date: 9/3/2011 1:39:18 AM
 Analysis Date: 9/6/2011 9:32:32 AM
 Sample Amount: 5.96 Multiplier: 5.96
 Vial & pH or Core ID: b



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

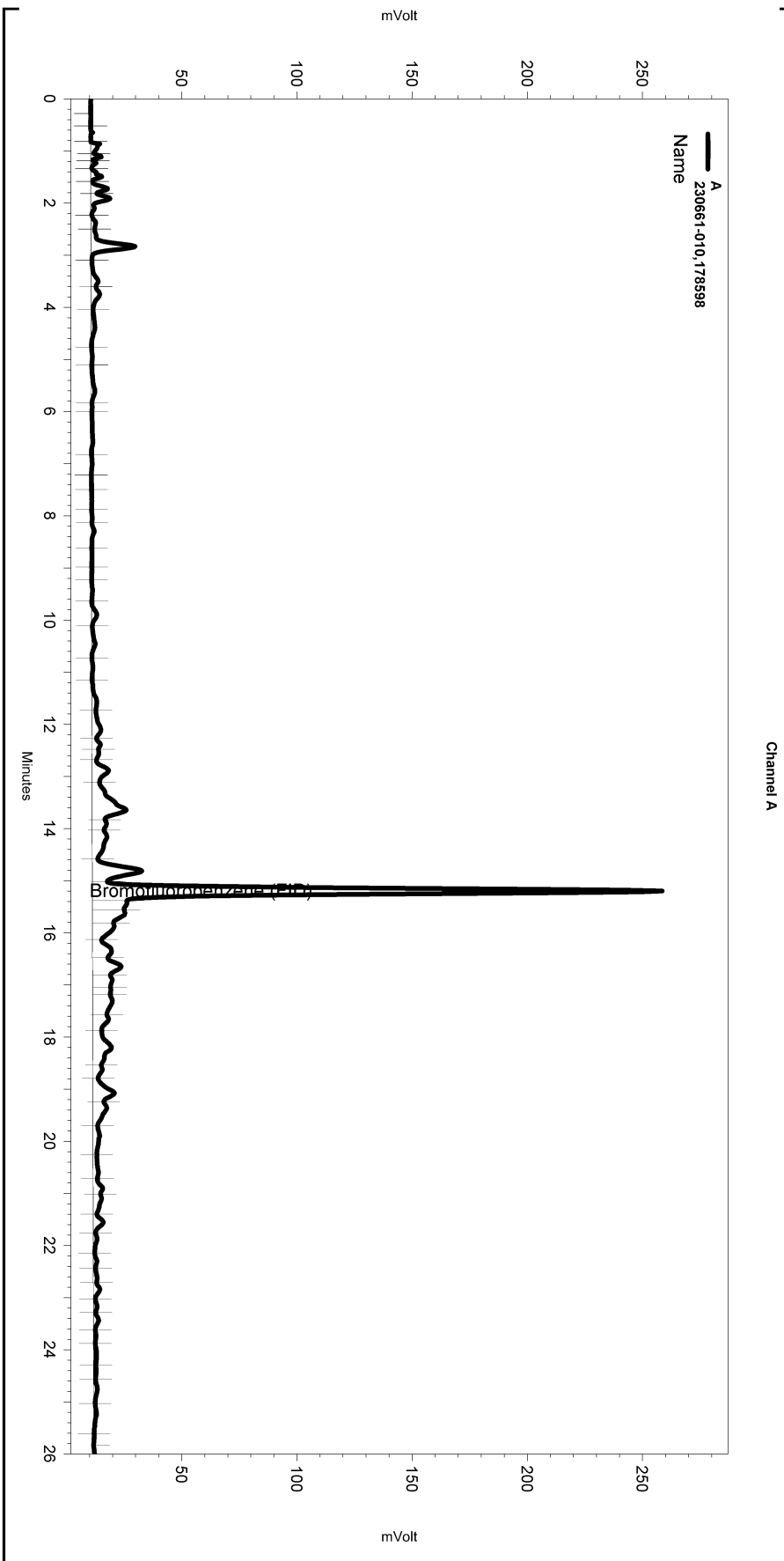
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\245-014

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	15.372	0	0

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC07\Sequence\245.seq
 Sample Name: 230661-010,178598
 Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\245-032
 Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe153.met

Software Version 3.1.7
 Run Date: 9/3/2011 1:08:37 PM
 Analysis Date: 9/6/2011 9:35:03 AM
 Sample Amount: 5.36 Multiplier: 5.36
 Vial & pH or Core ID: b



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

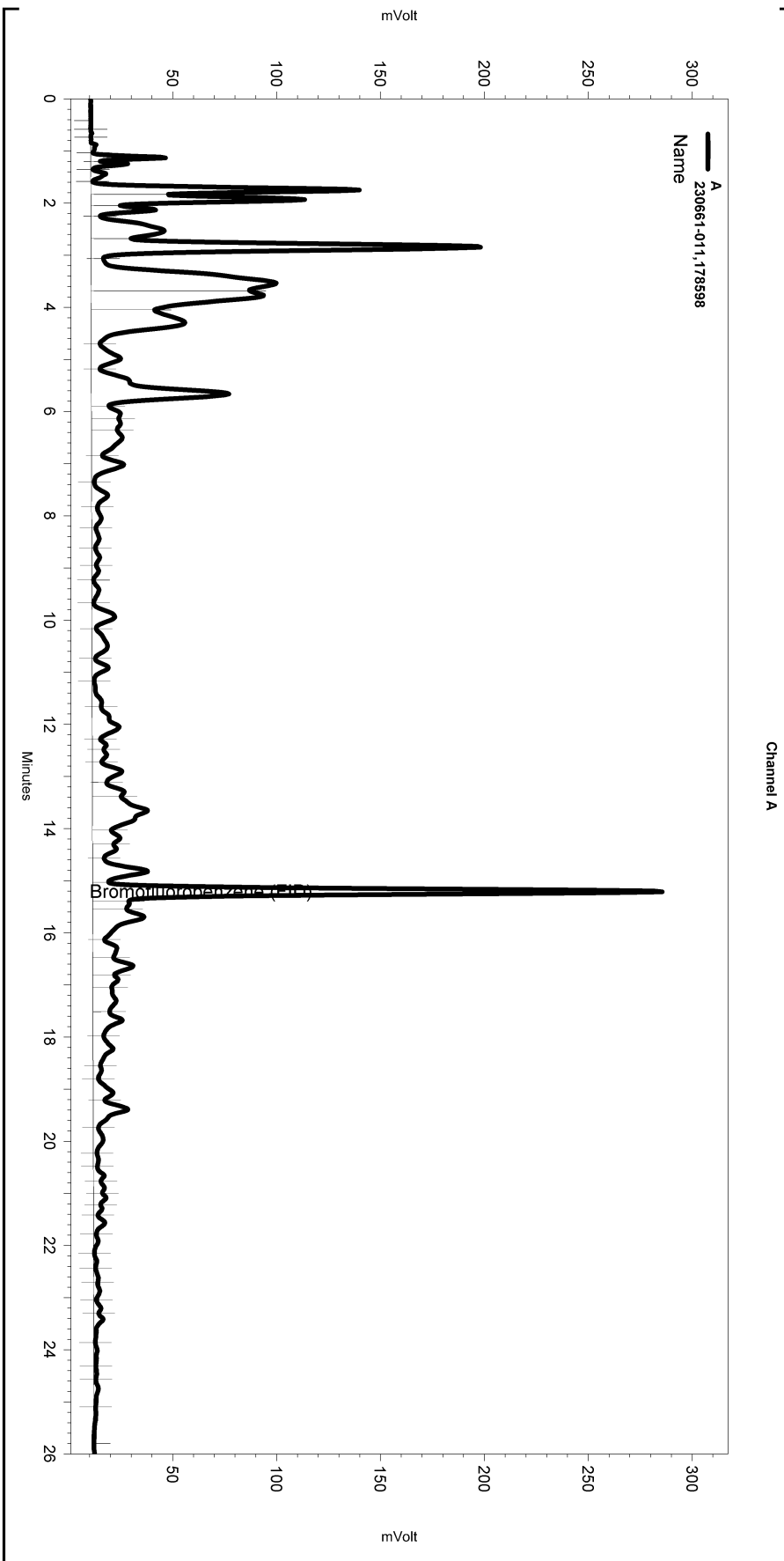
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\245-032

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	15.383	0	0

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC07\Sequence\245.seq
 Sample Name: 230661-011,178598
 Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\245-033
 Instrument: GC07 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC07\Method\tvhbtxe153.met

Software Version 3.1.7
 Run Date: 9/3/2011 1:47:05 PM
 Analysis Date: 9/6/2011 9:36:21 AM
 Sample Amount: 5.71 Multiplier: 5.71
 Vial & pH or Core ID: b



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

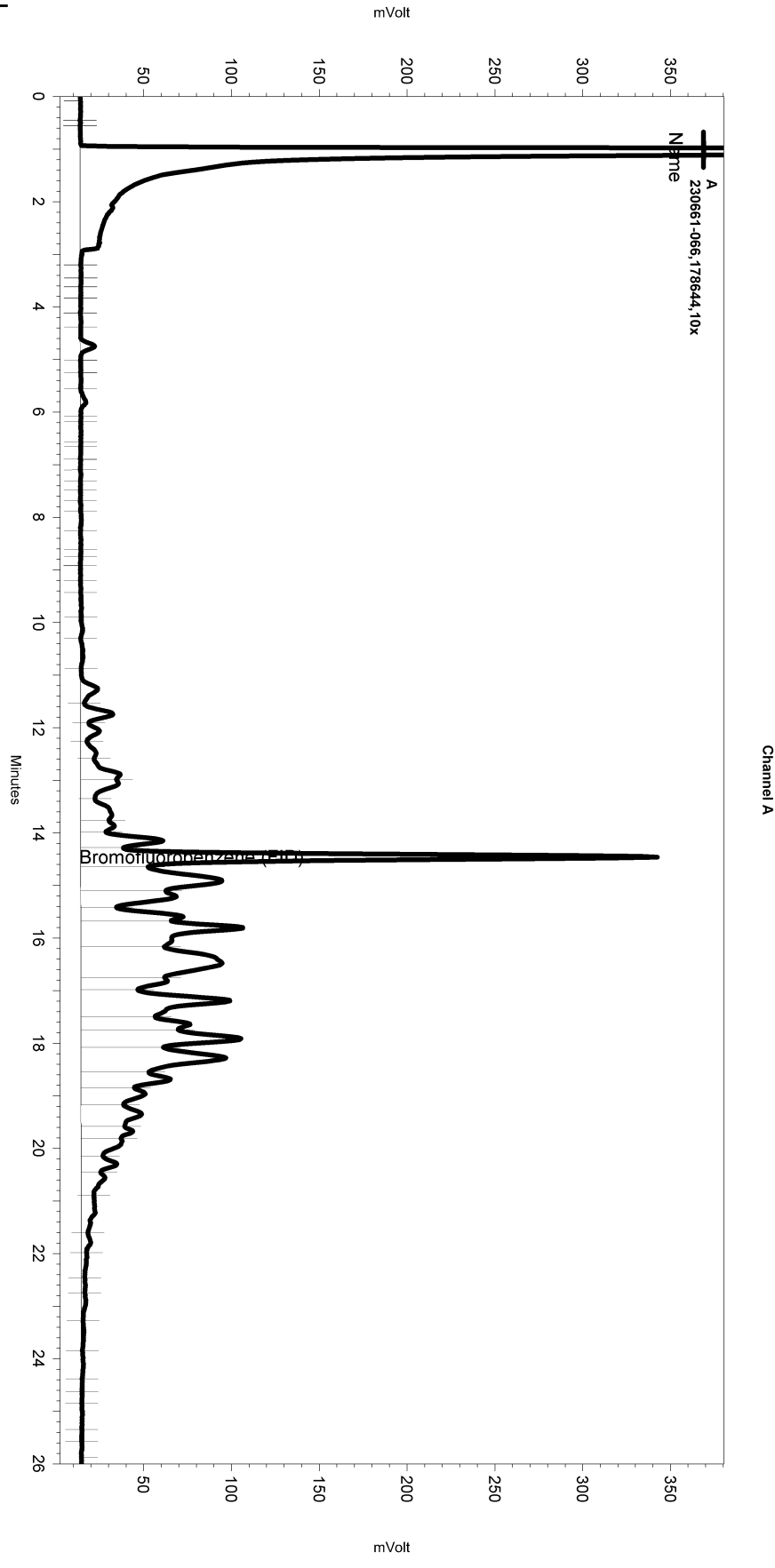
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC07\Data\245-033

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	15.402	0	0

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\249.seq
 Sample Name: 230661-066,178644,10x
 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\249-008
 Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\lvhbtxe234.met

Software Version 3.1.7
 Run Date: 9/6/2011 3:00:55 PM
 Analysis Date: 9/6/2011 3:30:24 PM
 Sample Amount: 1 Multiplier: 1
 Vial & pH or Core ID: c,dd946



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

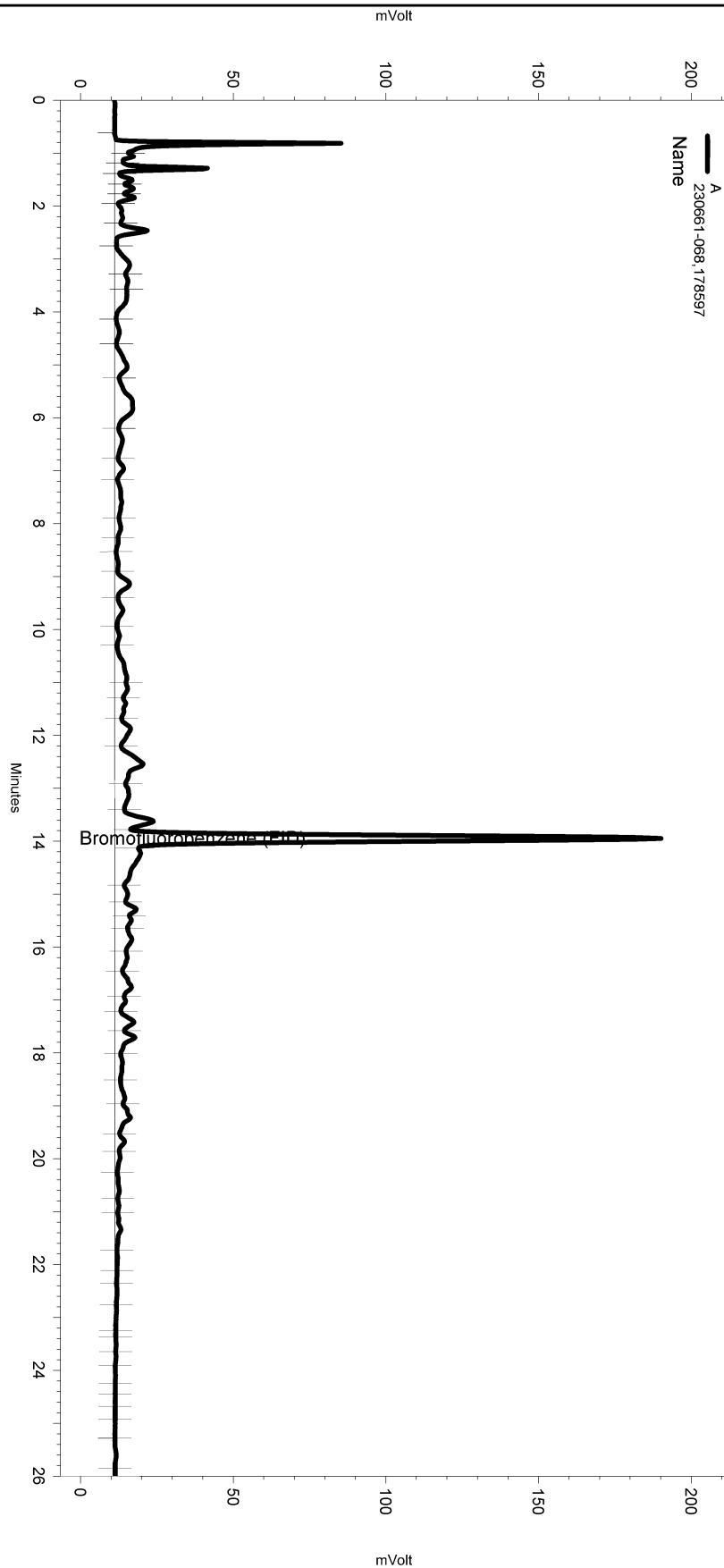
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\249-008

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC19\Sequence\245.seq
 Sample Name: 230661-068,178597
 Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\245-008
 Instrument: GC19 Vial: N/A Operator: lims2k3\tvh3
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbx241.met

Software Version 3.1.7
 Run Date: 9/2/2011 9:41:00 PM
 Analysis Date: 9/2/2011 10:10:09 PM
 Sample Amount: 5.61 Multiplier: 5.61
 Vial & pH or Core ID: b



Channel A

---< General Method Parameters >---

No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

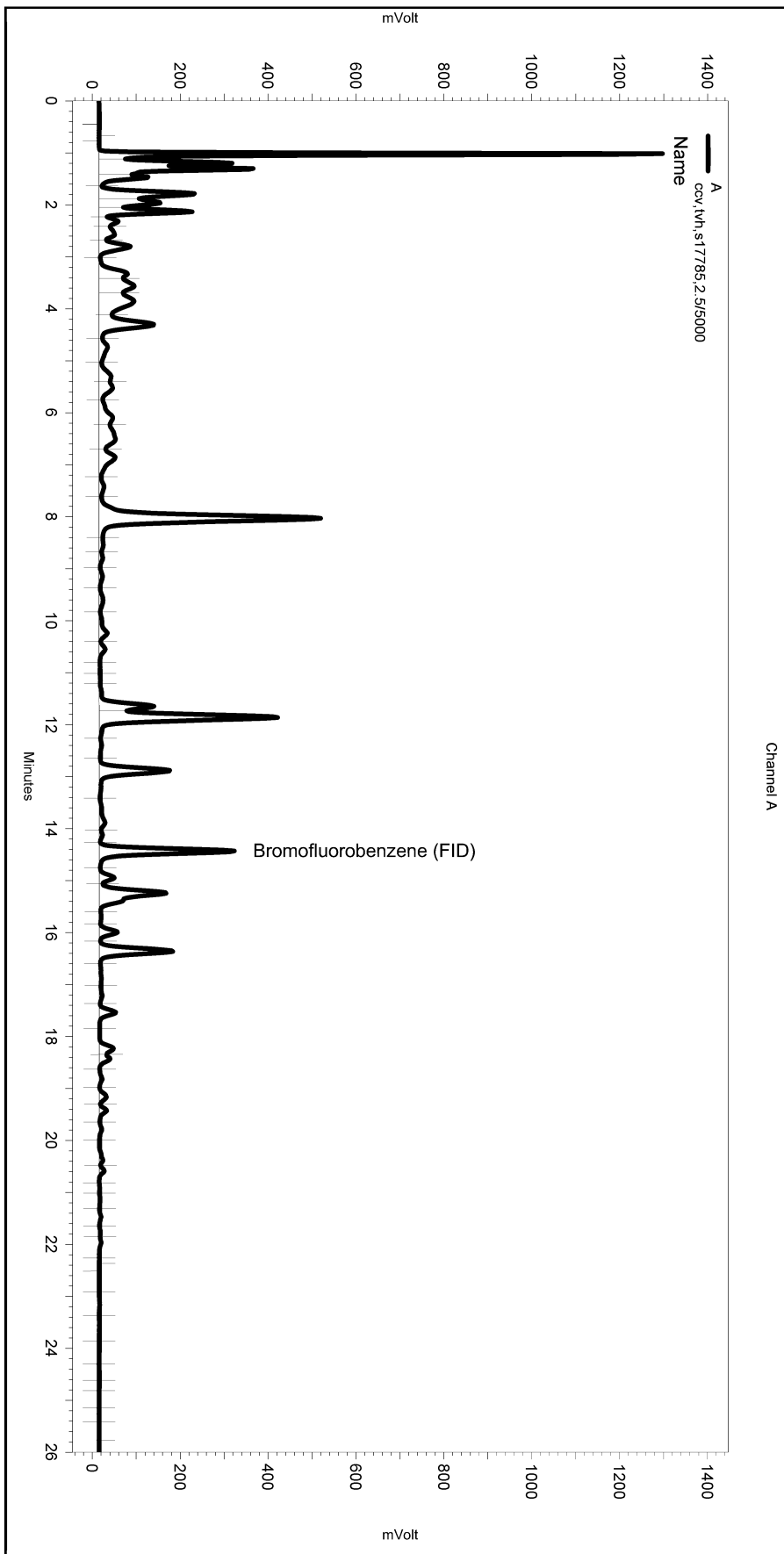
Manual Integration Fixes

Data File: C:\Documents and Settings\All Users\Application Data\ChromatographySystem\Recovery Data\Instrument.10050\245-008_C8AD.tmp

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC04\Sequence\245.seq
 Sample Name: ccv,tvh,s17785,2.5/5000
 Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\245-002
 Instrument: GC04 Vial: N/A Operator: lims2k3\tvh3
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe234.met

Software Version 3.1.7
 Run Date: 9/2/2011 11:44:30 AM
 Analysis Date: 9/2/2011 12:14:00 PM
 Sample Amount: 5 Multiplier: 5
 Vial & pH or Core ID: {Data Description}



 ---< General Method Parameters >-----

No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: C:\Documents and Settings\All Users\Application
 Data\ChromatographySystem\Recovery
 Data\Instrument.10047\245-002_7A7F.tmp

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-1 (1/2-1)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/02/11
Lab ID:	230661-001	Prep:	SHAKER TABLE
Diln Fac:	5.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	110 Y	5.0
Motor Oil C24-C36	290	25

Surrogate	%REC	Limits
o-Terphenyl	102	62-120

Field ID:	TP-1 (2-2 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/02/11
Lab ID:	230661-002	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	1.2 Y	1.0
Motor Oil C24-C36	8.1	5.0

Surrogate	%REC	Limits
o-Terphenyl	102	62-120

Field ID:	TP-8 (1/2-1)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-004	Prep:	SHAKER TABLE
Diln Fac:	20.00	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	2,100 Y	20
Motor Oil C24-C36	4,200	100

Surrogate	%REC	Limits
o-Terphenyl	DO	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-8 (2-2 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-005	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	100 Y	1.0
Motor Oil C24-C36	240	5.0

Surrogate	%REC	Limits
o-Terphenyl	115	62-120

Field ID:	TP-8 (5-5 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-007	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	3.7 Y	1.0
Motor Oil C24-C36	7.4	5.0

Surrogate	%REC	Limits
o-Terphenyl	108	62-120

Field ID:	TP-14 (0-1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-008	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	180 Y	0.99
Motor Oil C24-C36	670	5.0

Surrogate	%REC	Limits
o-Terphenyl	64	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID: TP-14 (1 1/2-2) Prepared: 08/31/11
 Type: SAMPLE Analyzed: 09/03/11
 Lab ID: 230661-009 Prep: SHAKER TABLE
 Diln Fac: 1.000 Cleanup Method: EPA 3630C
 Batch#: 178463

Analyte	Result	RL
Diesel C10-C24	170 Y	0.99
Motor Oil C24-C36	480	5.0

Surrogate	%REC	Limits
o-Terphenyl	84	62-120

Field ID: TP-18 (0-1/2) Prepared: 08/31/11
 Type: SAMPLE Analyzed: 09/03/11
 Lab ID: 230661-010 Prep: SHAKER TABLE
 Diln Fac: 10.00 Cleanup Method: EPA 3630C
 Batch#: 178463

Analyte	Result	RL
Diesel C10-C24	2,700	10
Motor Oil C24-C36	4,900	50

Surrogate	%REC	Limits
o-Terphenyl	DO	62-120

Field ID: TP-18 (1 1/2-2) Prepared: 08/31/11
 Type: SAMPLE Analyzed: 09/06/11
 Lab ID: 230661-011 Prep: SHAKER TABLE
 Diln Fac: 10.00 Cleanup Method: EPA 3630C
 Batch#: 178463

Analyte	Result	RL
Diesel C10-C24	970	10
Motor Oil C24-C36	2,400	50

Surrogate	%REC	Limits
o-Terphenyl	DO	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-2 (1-1 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-012	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	115	62-120

Field ID:	TP-2 (2-2 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-013	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	2.1 Y	0.99
Motor Oil C24-C36	8.2	5.0

Surrogate	%REC	Limits
o-Terphenyl	107	62-120

Field ID:	TP-3 (2-2 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/03/11
Lab ID:	230661-018	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	14 Y	1.0
Motor Oil C24-C36	88	5.0

Surrogate	%REC	Limits
o-Terphenyl	93	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-3 (1/2-1)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-019	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	11 Y	0.99
Motor Oil C24-C36	99	5.0

Surrogate	%REC	Limits
o-Terphenyl	111	62-120

Field ID:	TP-4 (2-2 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-022	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	5.5	5.0

Surrogate	%REC	Limits
o-Terphenyl	108	62-120

Field ID:	TP-4 (1/2-1)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-023	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	2.4 Y	0.99
Motor Oil C24-C36	7.0	5.0

Surrogate	%REC	Limits
o-Terphenyl	94	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-5 (2-2 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-026	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	4.7 Y	1.0
Motor Oil C24-C36	44	5.0

Surrogate	%REC	Limits
o-Terphenyl	95	62-120

Field ID:	TP-5 (1/2-1)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-027	Prep:	SHAKER TABLE
Diln Fac:	2.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	28 Y	2.0
Motor Oil C24-C36	230	9.9

Surrogate	%REC	Limits
o-Terphenyl	107	62-120

Field ID:	TP-6 (2-2 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-029	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	1.1 Y	0.99
Motor Oil C24-C36	8.5	5.0

Surrogate	%REC	Limits
o-Terphenyl	113	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-6 (1-1 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/07/11
Lab ID:	230661-030	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	1.2 Y	1.0
Motor Oil C24-C36	8.1	5.0

Surrogate	%REC	Limits
o-Terphenyl	112	62-120

Field ID:	TP-7 (3-3 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-033	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178463		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	104	62-120

Field ID:	TP-7 (2-2 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-034	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	1.3 Y	1.0
Motor Oil C24-C36	7.4	5.0

Surrogate	%REC	Limits
o-Terphenyl	100	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-7 (1-1 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-035	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	81	1.0
Motor Oil C24-C36	84	5.0

Surrogate	%REC	Limits
o-Terphenyl	87	62-120

Field ID:	TP-13 (3-3 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-037	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	102	62-120

Field ID:	TP-13 (2-2 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-038	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	39 Y	1.0
Motor Oil C24-C36	260	5.0

Surrogate	%REC	Limits
o-Terphenyl	86	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-12 (2-2 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-042	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	8.1	5.0

Surrogate	%REC	Limits
o-Terphenyl	101	62-120

Field ID:	TP-12 (1/2-1)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-043	Prep:	SHAKER TABLE
Diln Fac:	10.00	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	56 Y	9.9
Motor Oil C24-C36	670	50

Surrogate	%REC	Limits
o-Terphenyl	DO	62-120

Field ID:	TP-9 (3-3 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-045	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	94	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-9 (1/2-1)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-047	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	17 Y	0.99
Motor Oil C24-C36	200	5.0

Surrogate	%REC	Limits
o-Terphenyl	91	62-120

Field ID:	TP-10 (3-3 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/07/11
Lab ID:	230661-049	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	82	62-120

Field ID:	TP-10 (1-1 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-051	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	23 Y	0.99
Motor Oil C24-C36	150	5.0

Surrogate	%REC	Limits
o-Terphenyl	97	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-15 (1 1/2-2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/07/11
Lab ID:	230661-052	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	98	62-120

Field ID:	TP-15 (0-1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/07/11
Lab ID:	230661-053	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	5.0 Y	1.0
Motor Oil C24-C36	11	5.0

Surrogate	%REC	Limits
o-Terphenyl	95	62-120

Field ID:	TP-16 (1 1/2-2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/07/11
Lab ID:	230661-054	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	99	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-16 (0-1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/07/11
Lab ID:	230661-055	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	86	62-120

Field ID:	TP-17 (0-1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/07/11
Lab ID:	230661-057	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	104	62-120

Field ID:	TP-11 (2-2 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-060	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	78 Y	1.0
Motor Oil C24-C36	390	5.0

Surrogate	%REC	Limits
o-Terphenyl	85	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-11 (1/2-1)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-061	Prep:	SHAKER TABLE
Diln Fac:	5.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	150 Y	5.0
Motor Oil C24-C36	660	25

Surrogate	%REC	Limits
o-Terphenyl	85	62-120

Field ID:	TP-22 (0-1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/07/11
Lab ID:	230661-063	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	96	62-120

Field ID:	TP-21 (0-1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-065	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	1.4 Y	1.0
Motor Oil C24-C36	6.0	5.0

Surrogate	%REC	Limits
o-Terphenyl	90	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Field ID:	TP-20 (2-2 1/2)	Prepared:	08/31/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-066	Prep:	SHAKER TABLE
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178492		

Analyte	Result	RL
Diesel C10-C24	24 Y	1.0
Motor Oil C24-C36	27	5.0

Surrogate	%REC	Limits
o-Terphenyl	92	62-120

Field ID:	TP-19 (0-1/2)	Prepared:	09/01/11
Type:	SAMPLE	Analyzed:	09/06/11
Lab ID:	230661-068	Prep:	EPA 3550B
Diln Fac:	1.000	Cleanup Method:	EPA 3630C
Batch#:	178525		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	79	62-120

Type:	BLANK	Prepared:	08/31/11
Lab ID:	QC606938	Analyzed:	09/02/11
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	178463	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	101	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Analysis:	EPA 8015B
Project#:	11-319		
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11
Basis:	as received		

Type:	BLANK	Prepared:	08/31/11
Lab ID:	QC607056	Analyzed:	09/06/11
Diln Fac:	1.000	Prep:	SHAKER TABLE
Batch#:	178492	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	94	62-120

Type:	BLANK	Prepared:	09/01/11
Lab ID:	QC607202	Analyzed:	09/02/11
Diln Fac:	1.000	Prep:	EPA 3550B
Batch#:	178525	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	86	62-120

Y= Sample exhibits chromatographic pattern which does not resemble standard
 DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	SHAKER TABLE
Project#:	11-319	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC606939	Batch#:	178463
Matrix:	Soil	Prepared:	08/31/11
Units:	mg/Kg	Analyzed:	09/02/11

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.59	53.52	108	54-138

Surrogate	%REC	Limits
o-Terphenyl	111	62-120

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	SHAKER TABLE
Project#:	11-319	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC607057	Batch#:	178492
Matrix:	Soil	Prepared:	08/31/11
Units:	mg/Kg	Analyzed:	09/06/11

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.45	52.68	104	54-138

Surrogate	%REC	Limits
o-Terphenyl	99	62-120

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC607203	Batch#:	178525
Matrix:	Soil	Prepared:	09/01/11
Units:	mg/Kg	Analyzed:	09/02/11

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.00	35.64	71	54-138

Surrogate	%REC	Limits
o-Terphenyl	65	62-120

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	178525
MSS Lab ID:	230748-002	Sampled:	09/01/11
Matrix:	Miscell.	Received:	09/01/11
Units:	mg/Kg	Prepared:	09/01/11
Basis:	as received	Analyzed:	09/02/11
Diln Fac:	1.000		

Type: MS Lab ID: QC607204

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	47.39	49.98	76.61	58	35-150

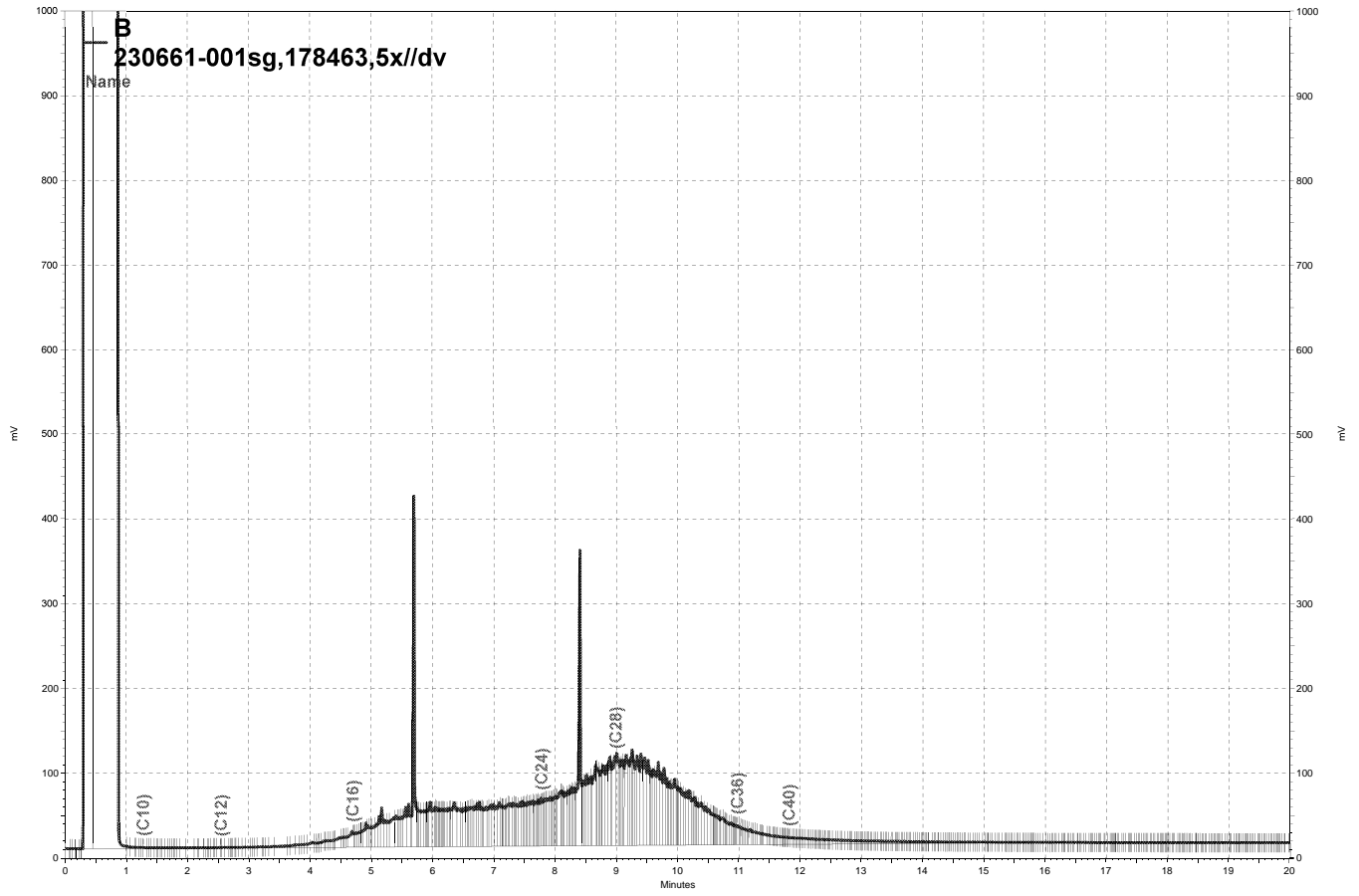
Surrogate	%REC	Limits
o-Terphenyl	70	62-120

Type: MSD Lab ID: QC607205

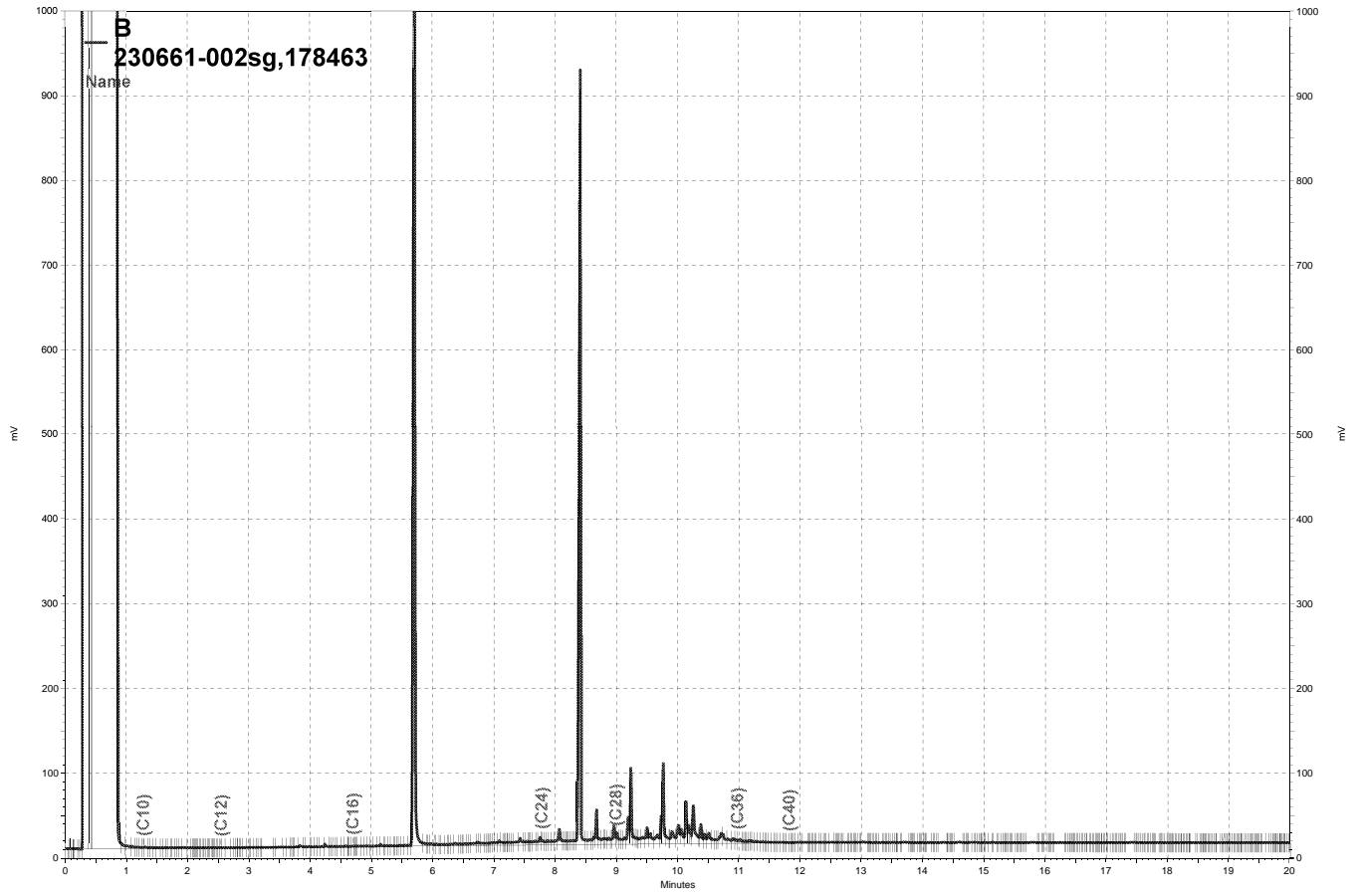
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.06	74.20	54	35-150	3	71

Surrogate	%REC	Limits
o-Terphenyl	76	62-120

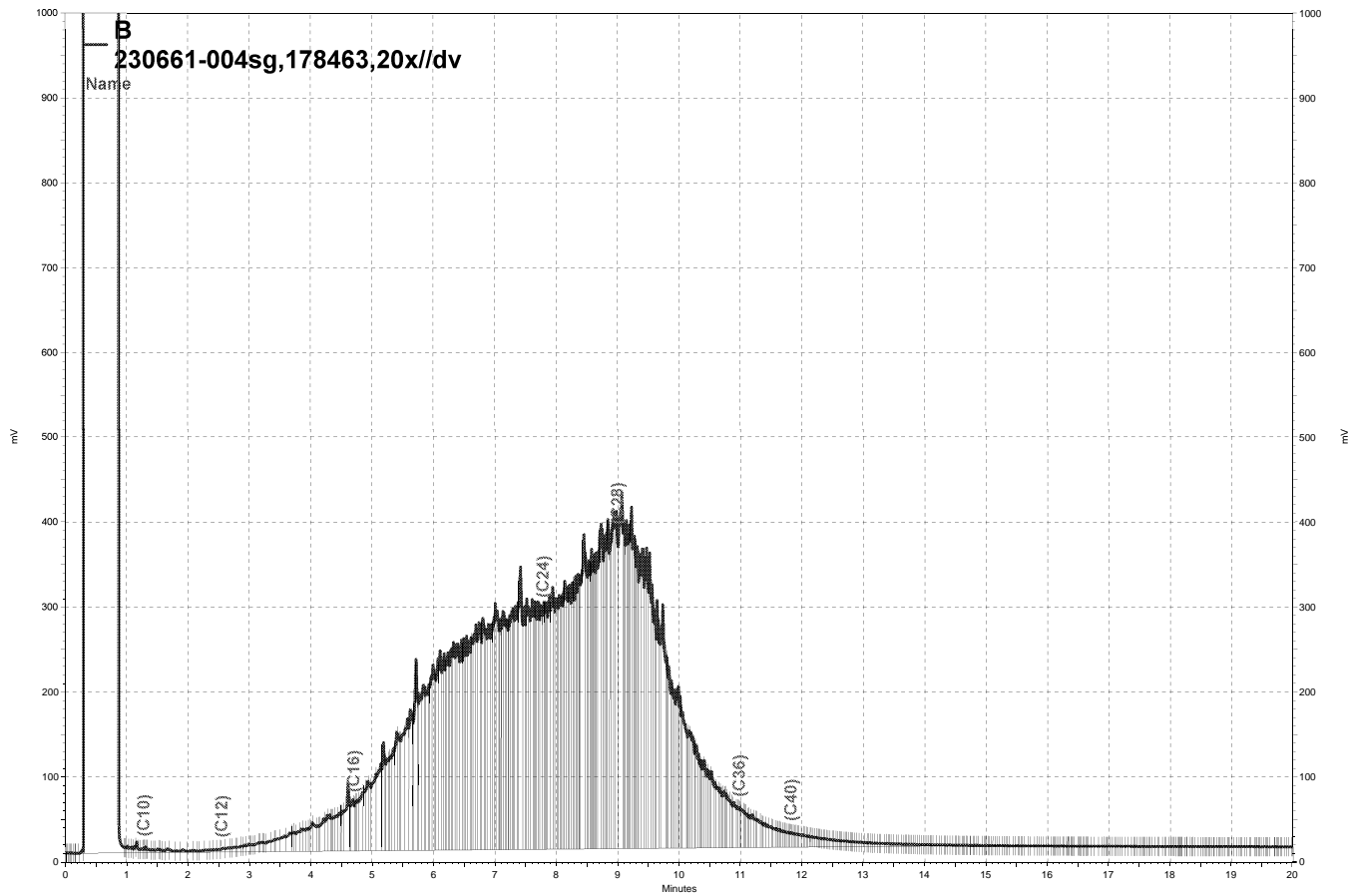
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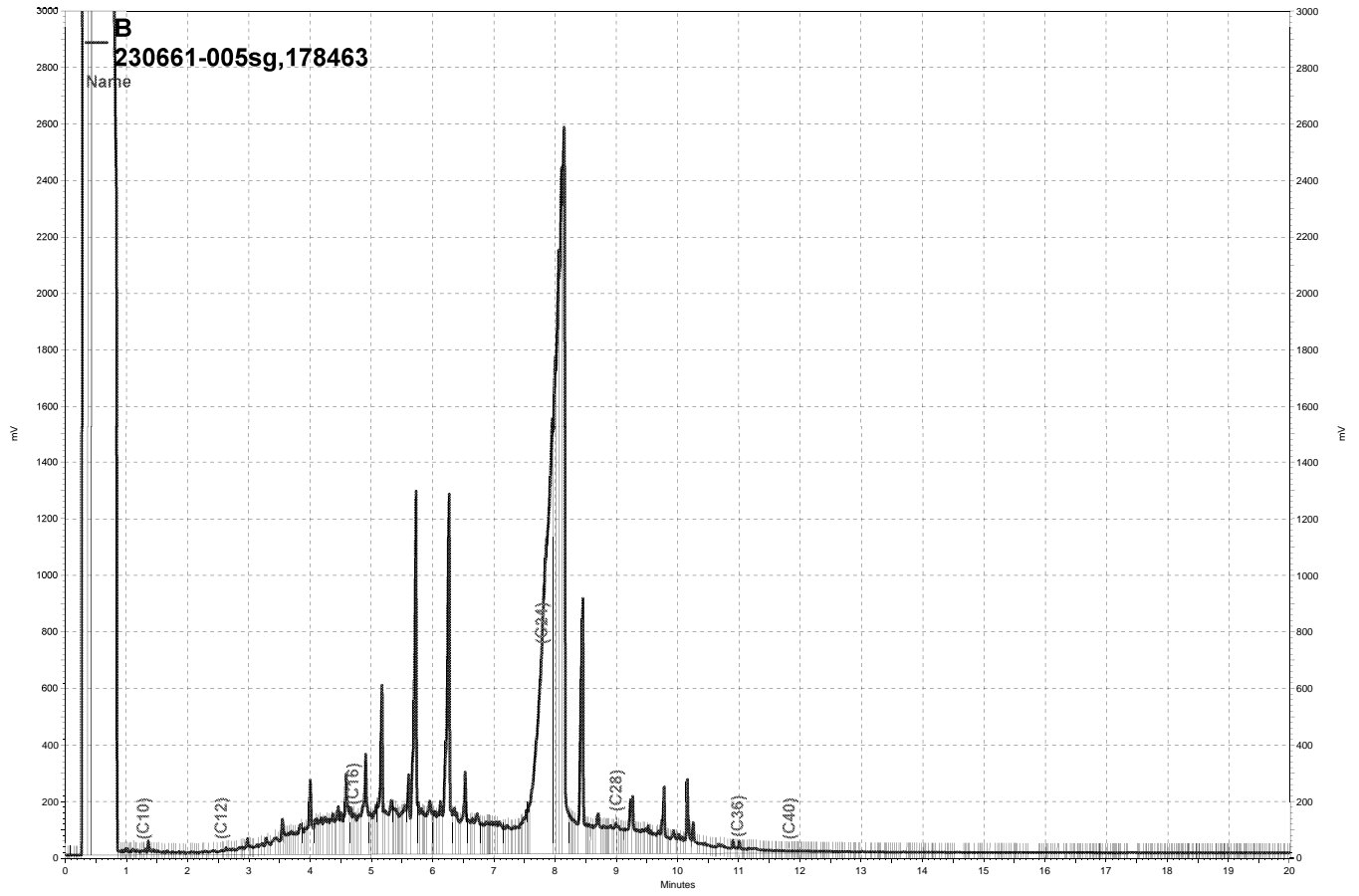
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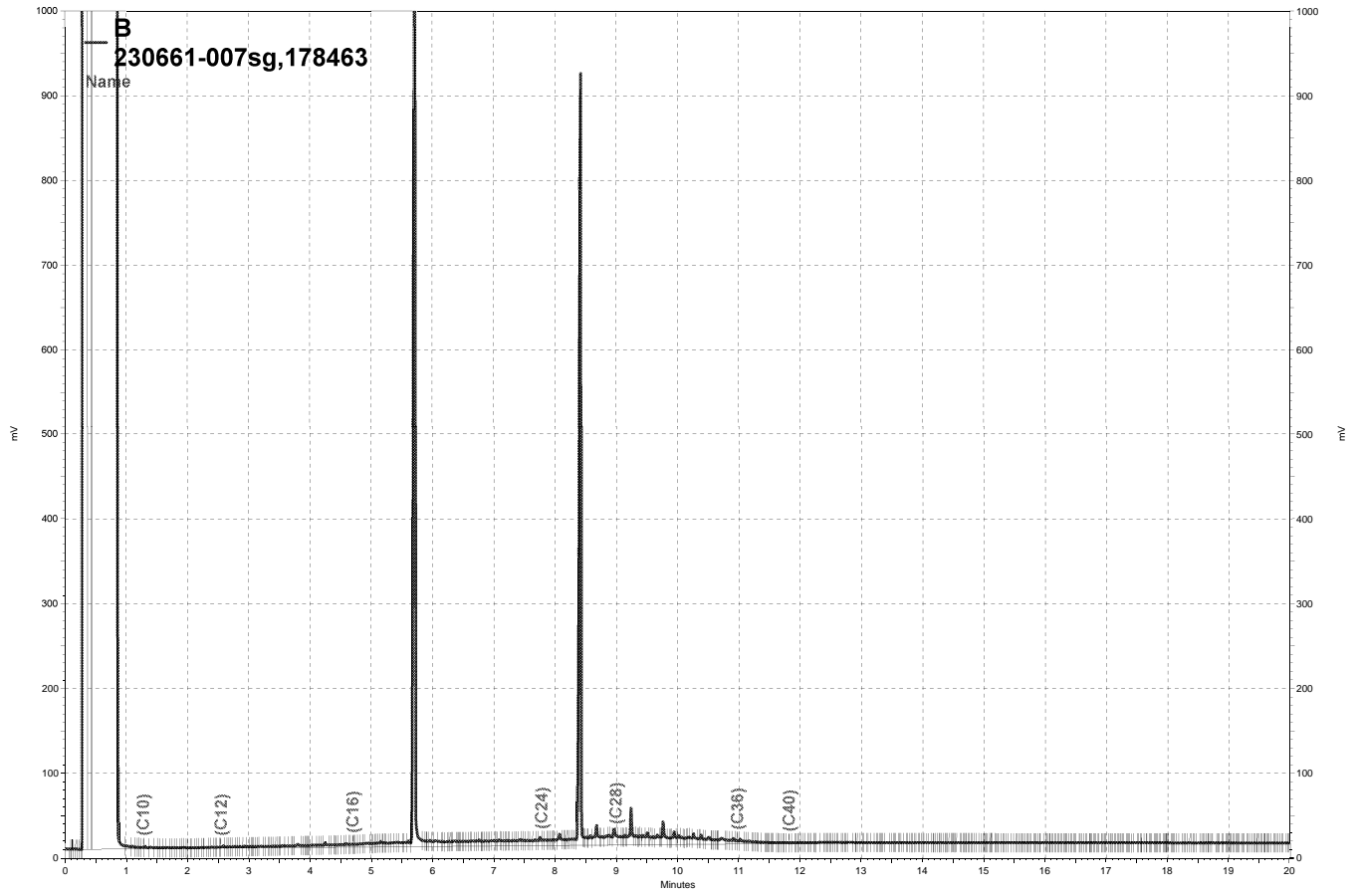
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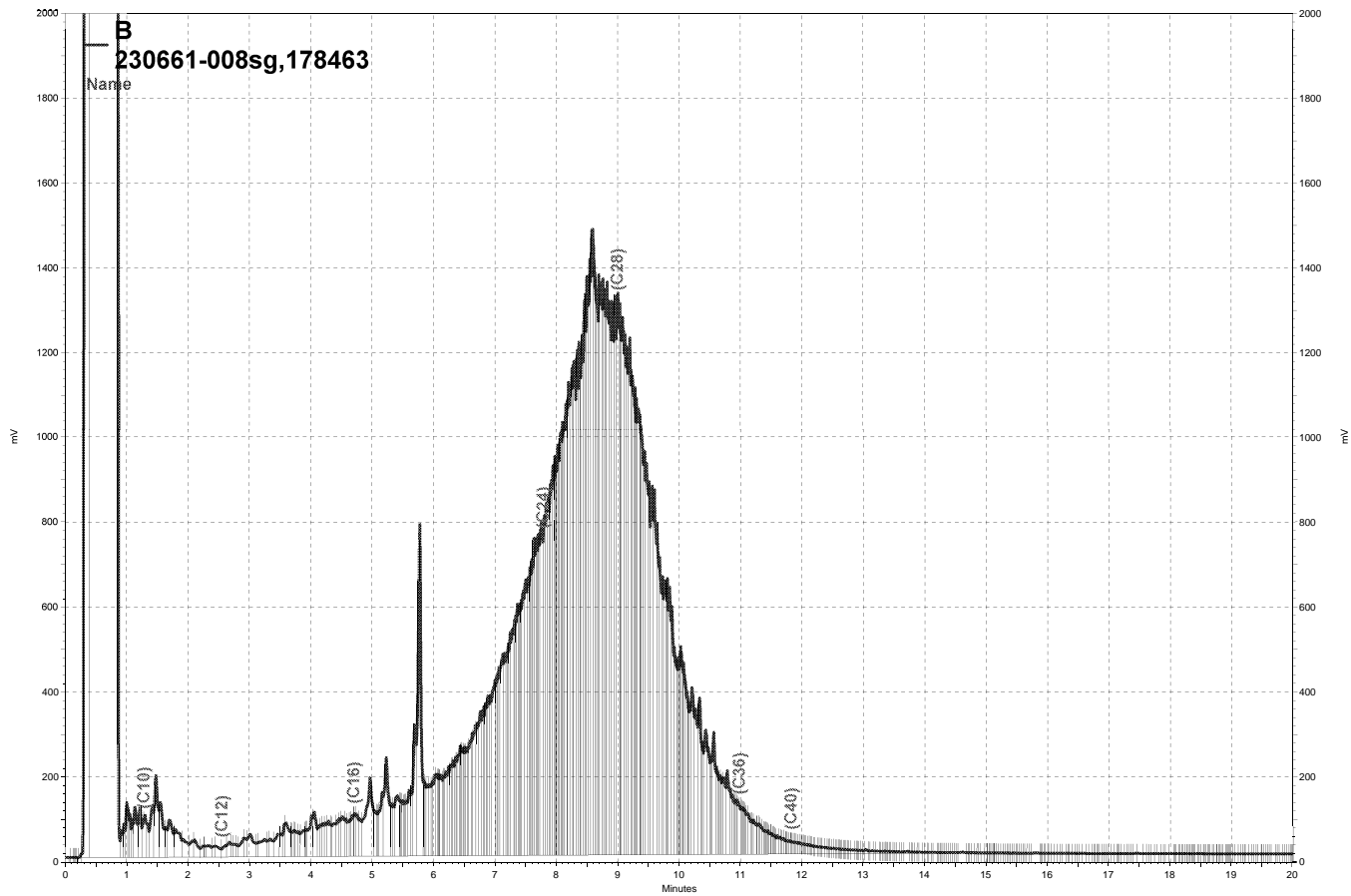
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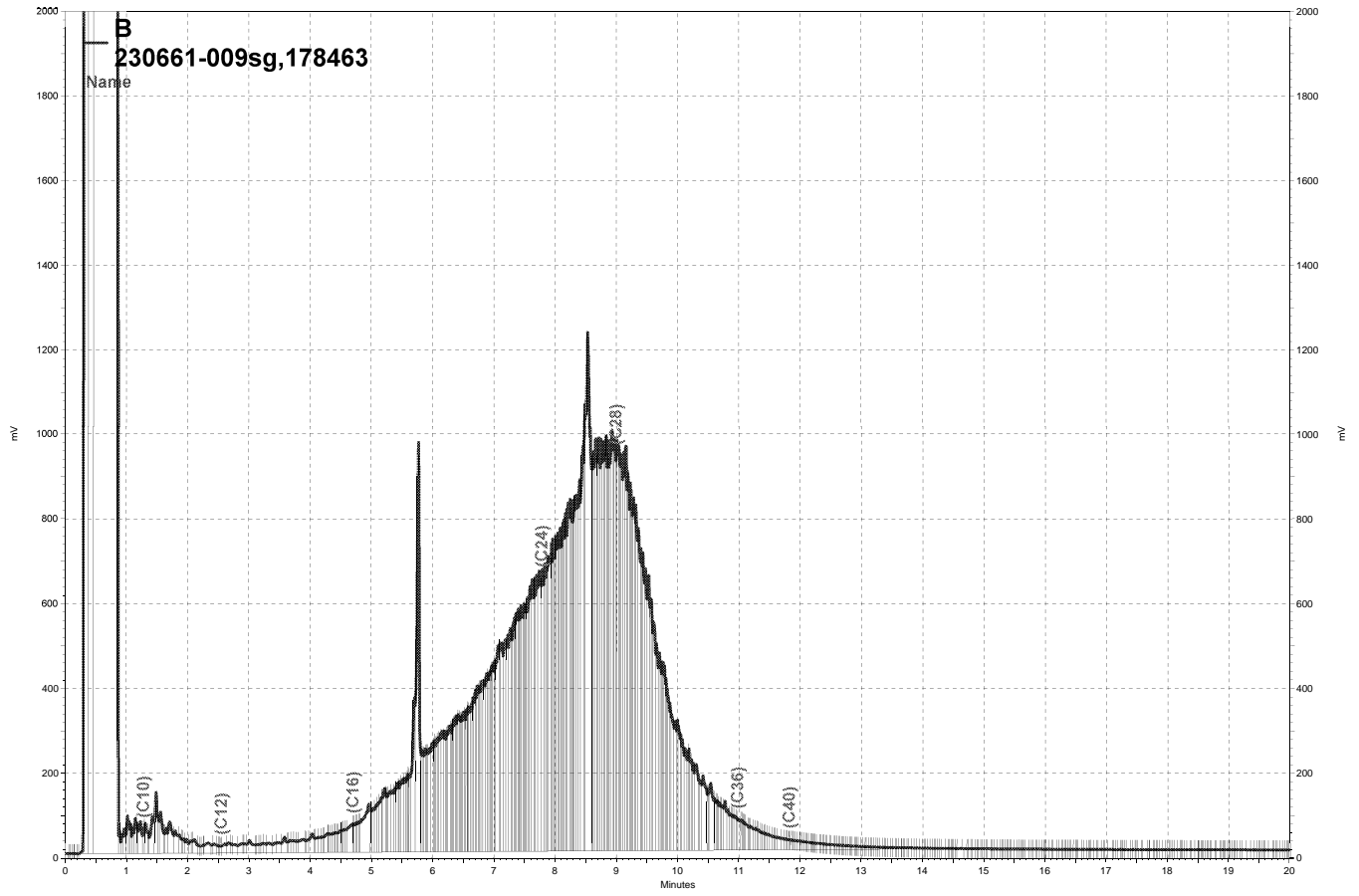
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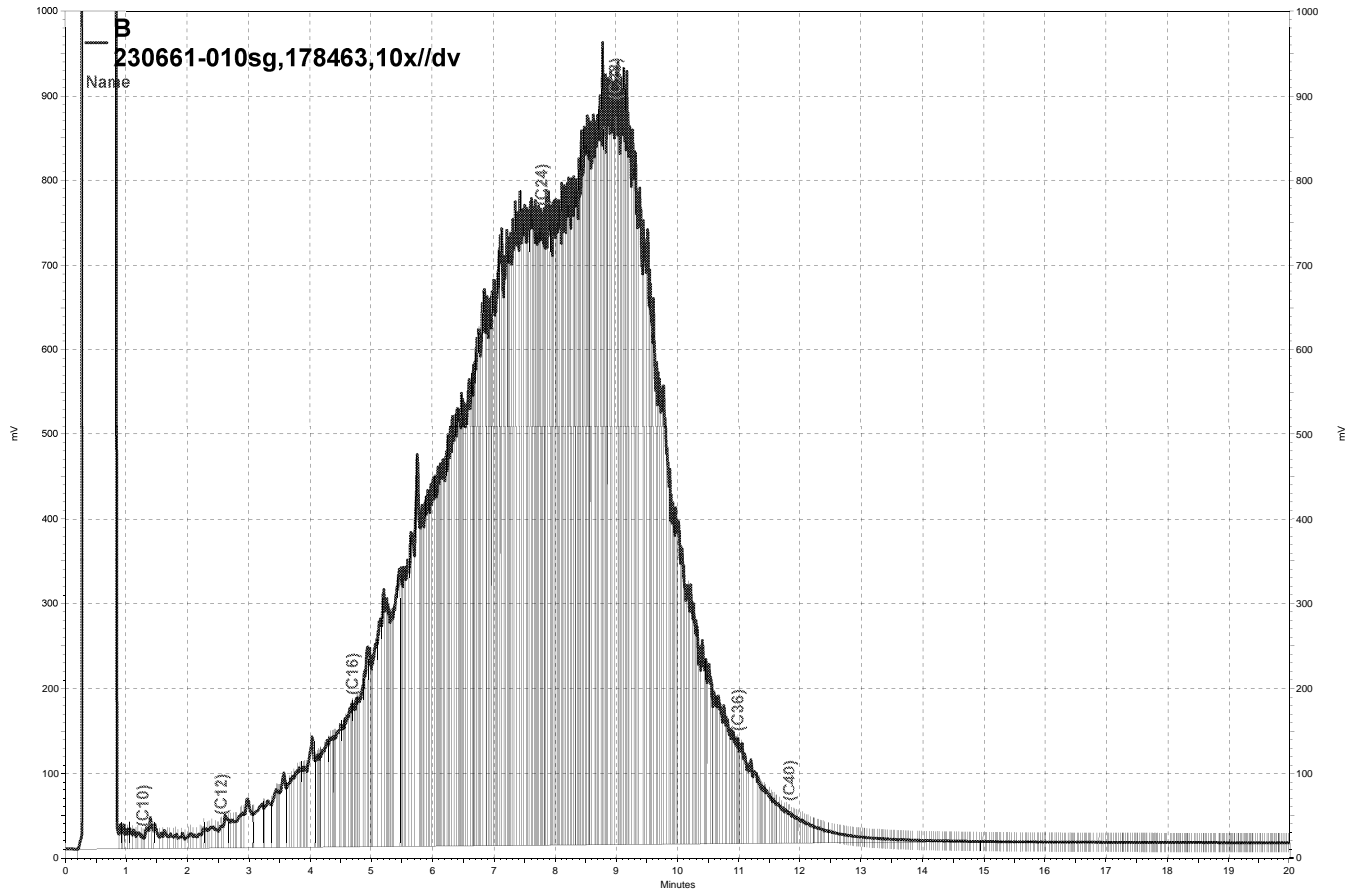
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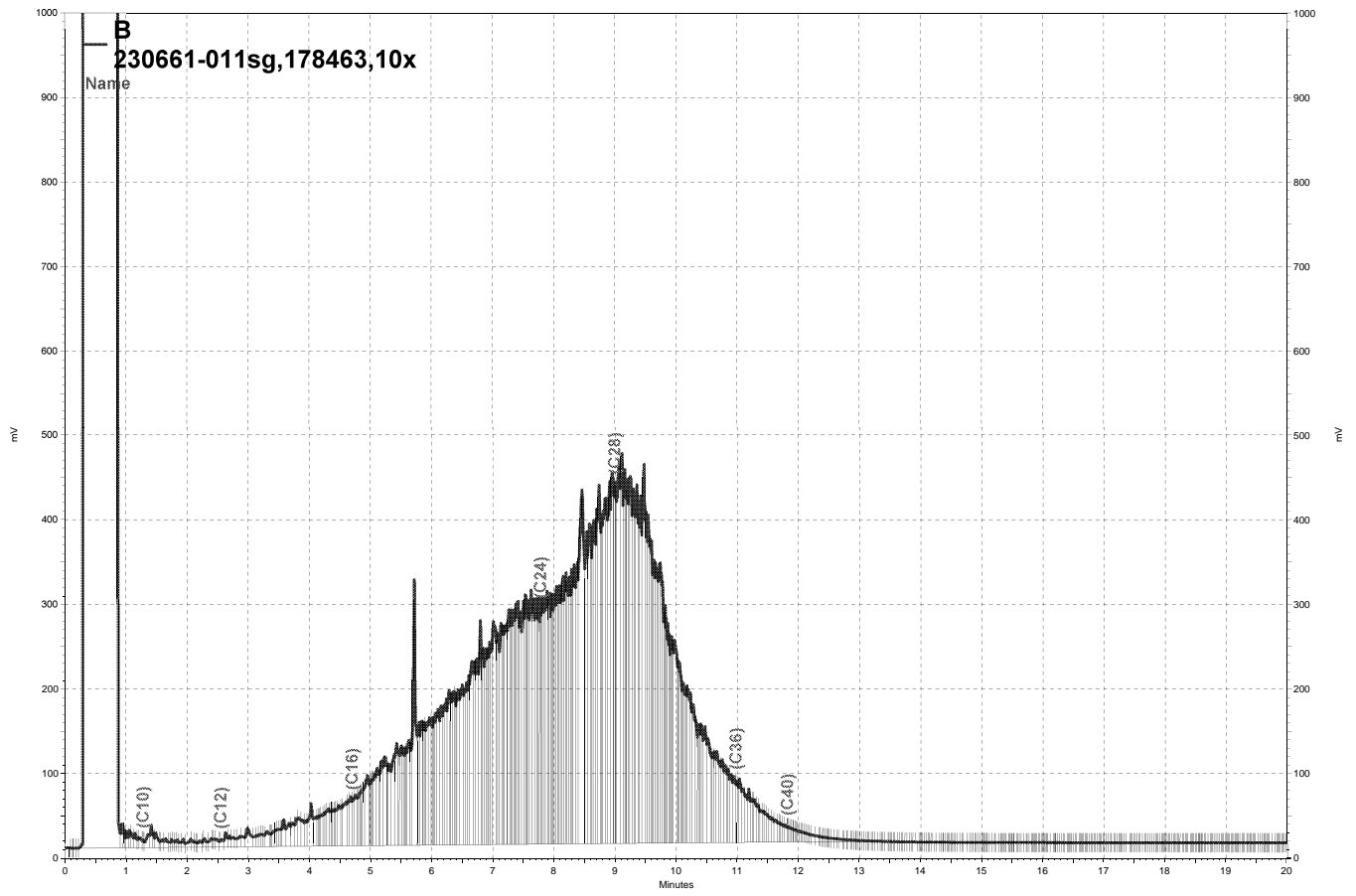
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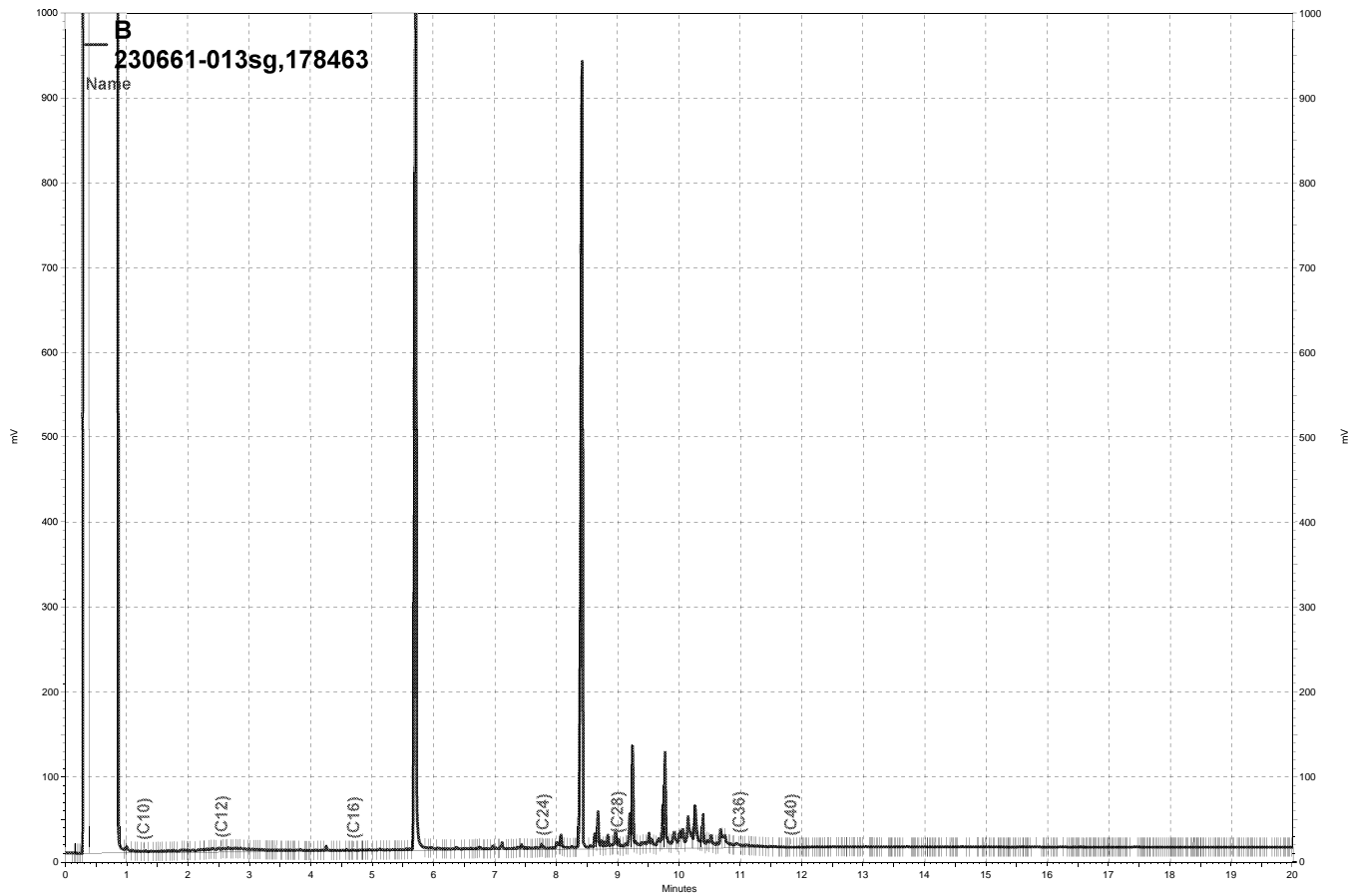
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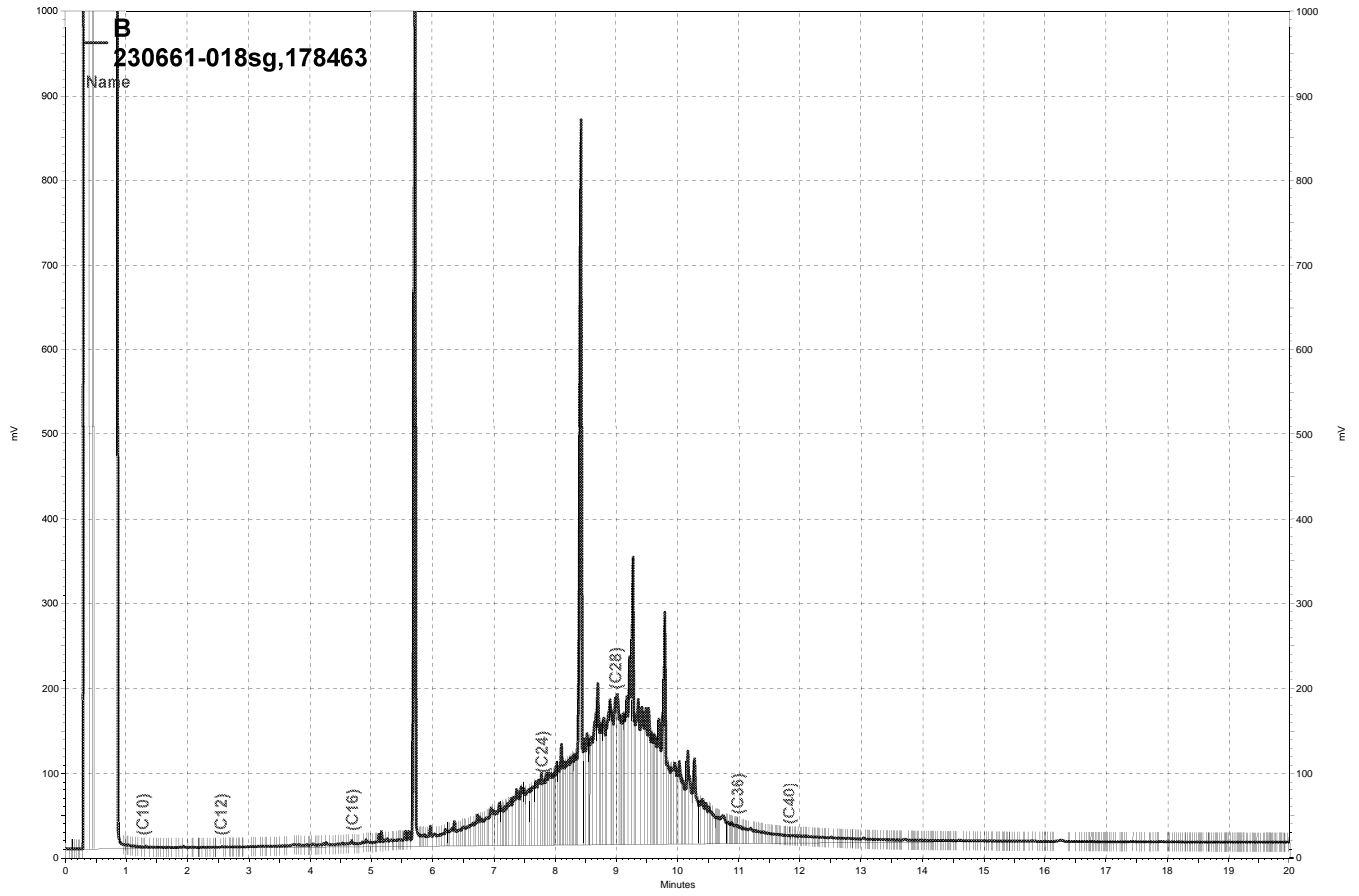
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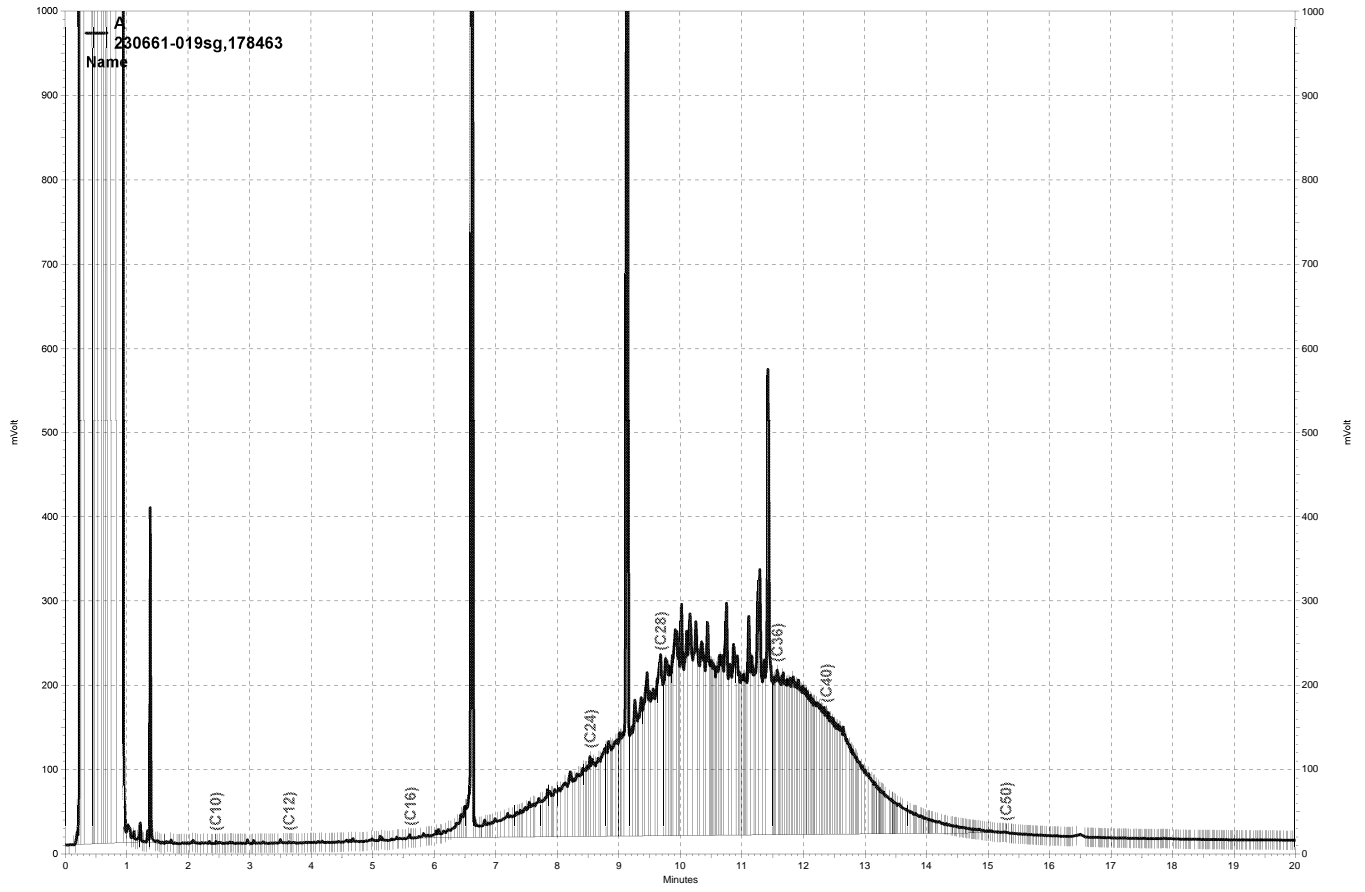
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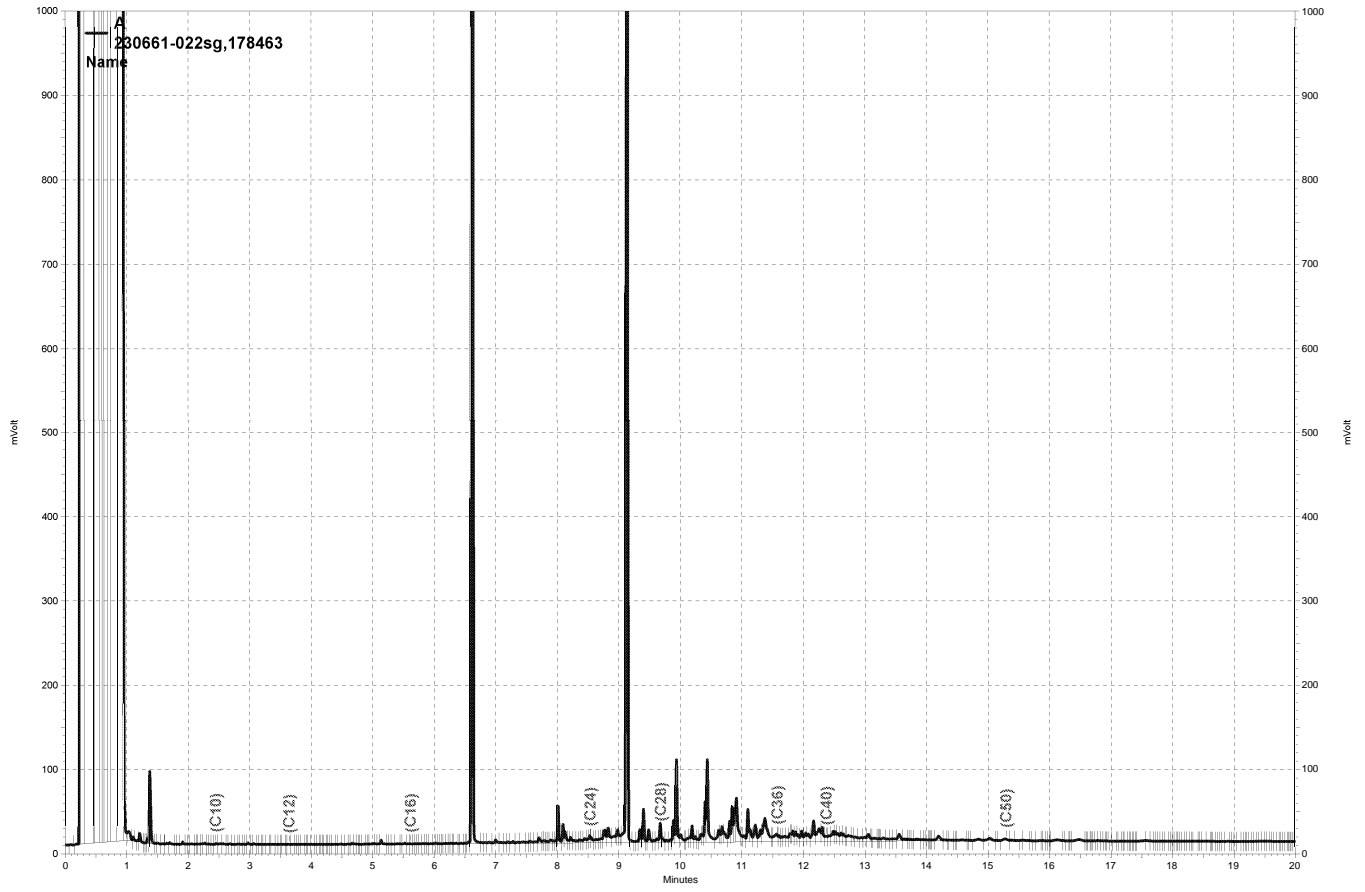
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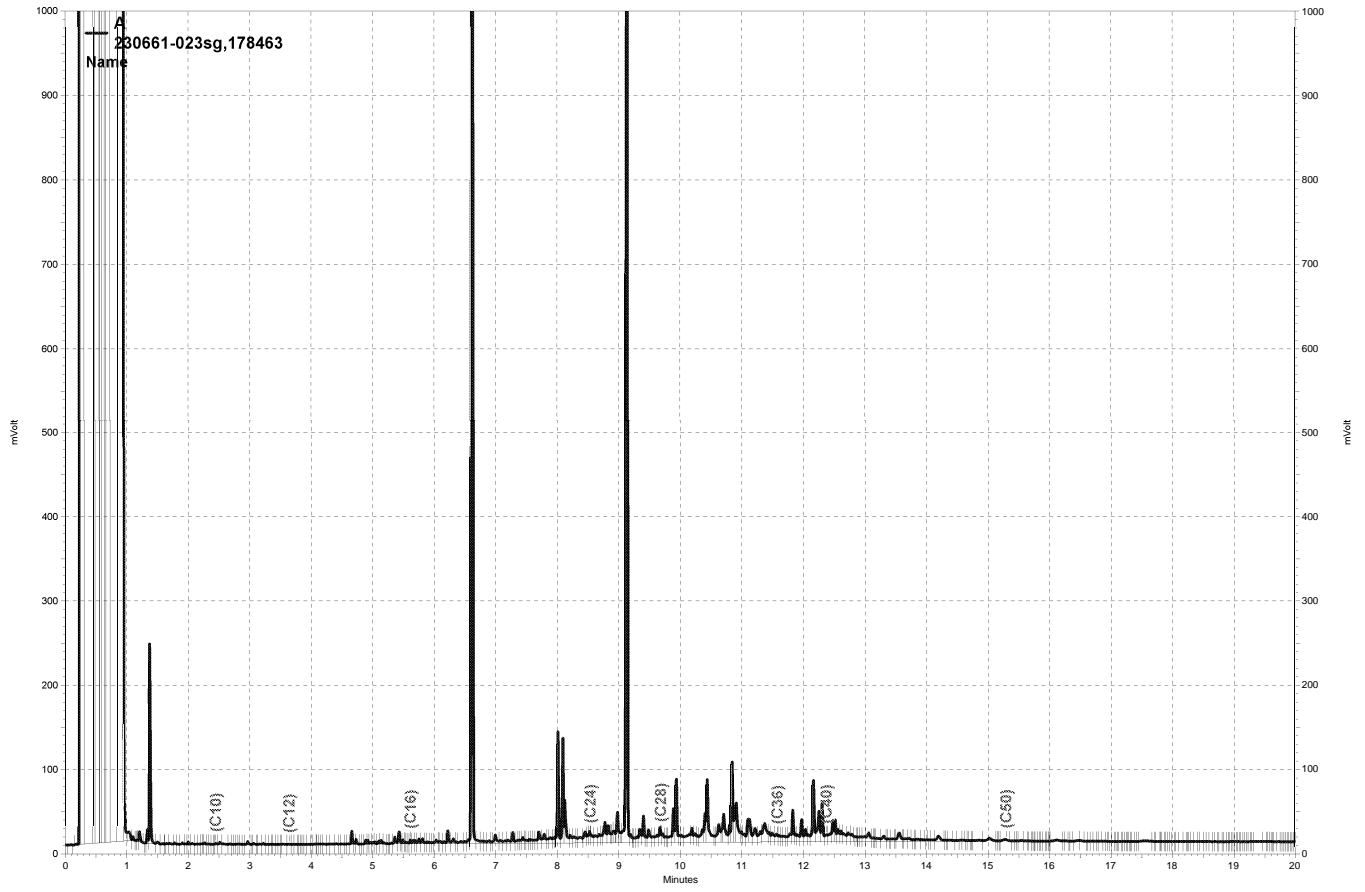
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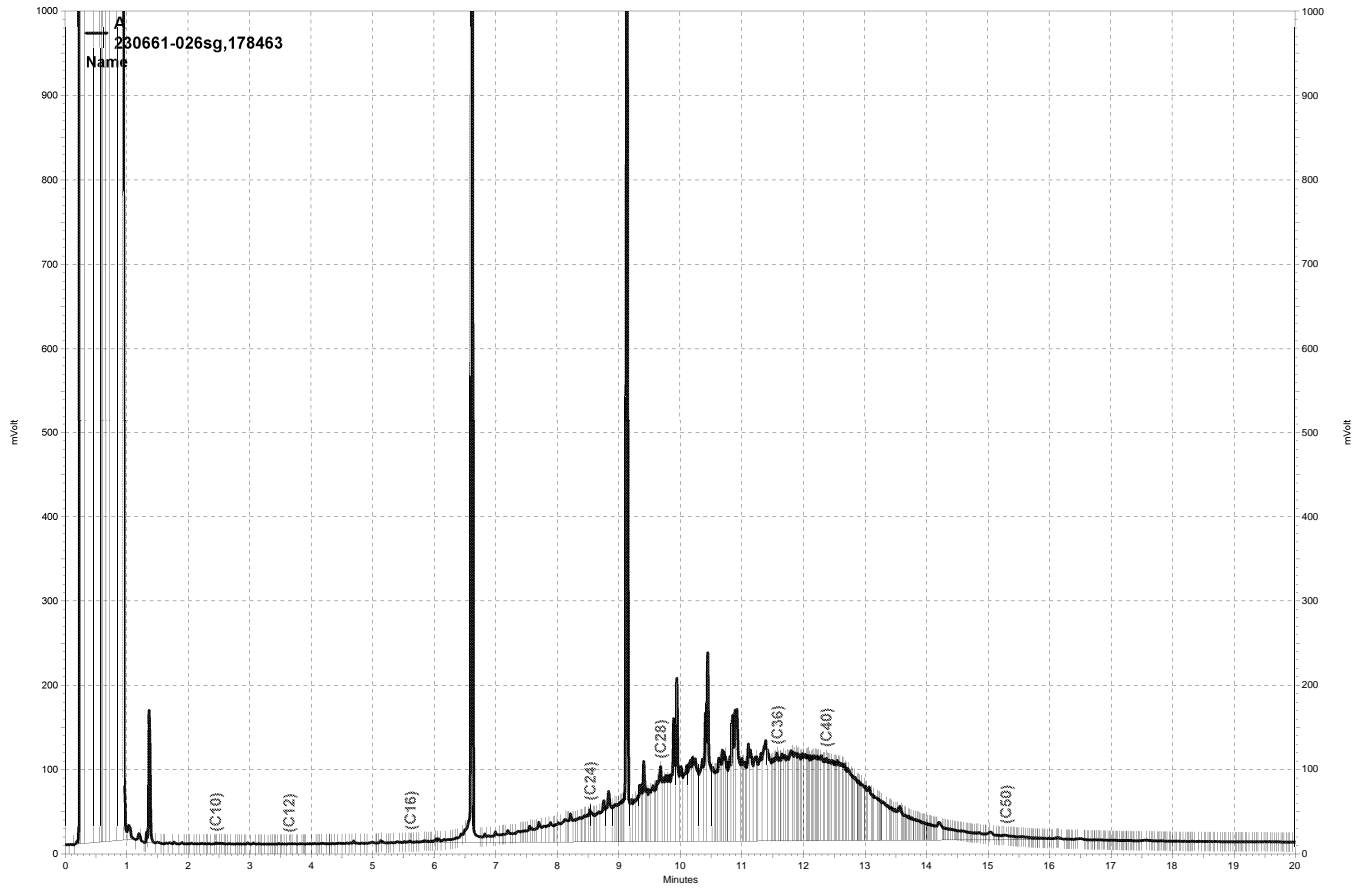
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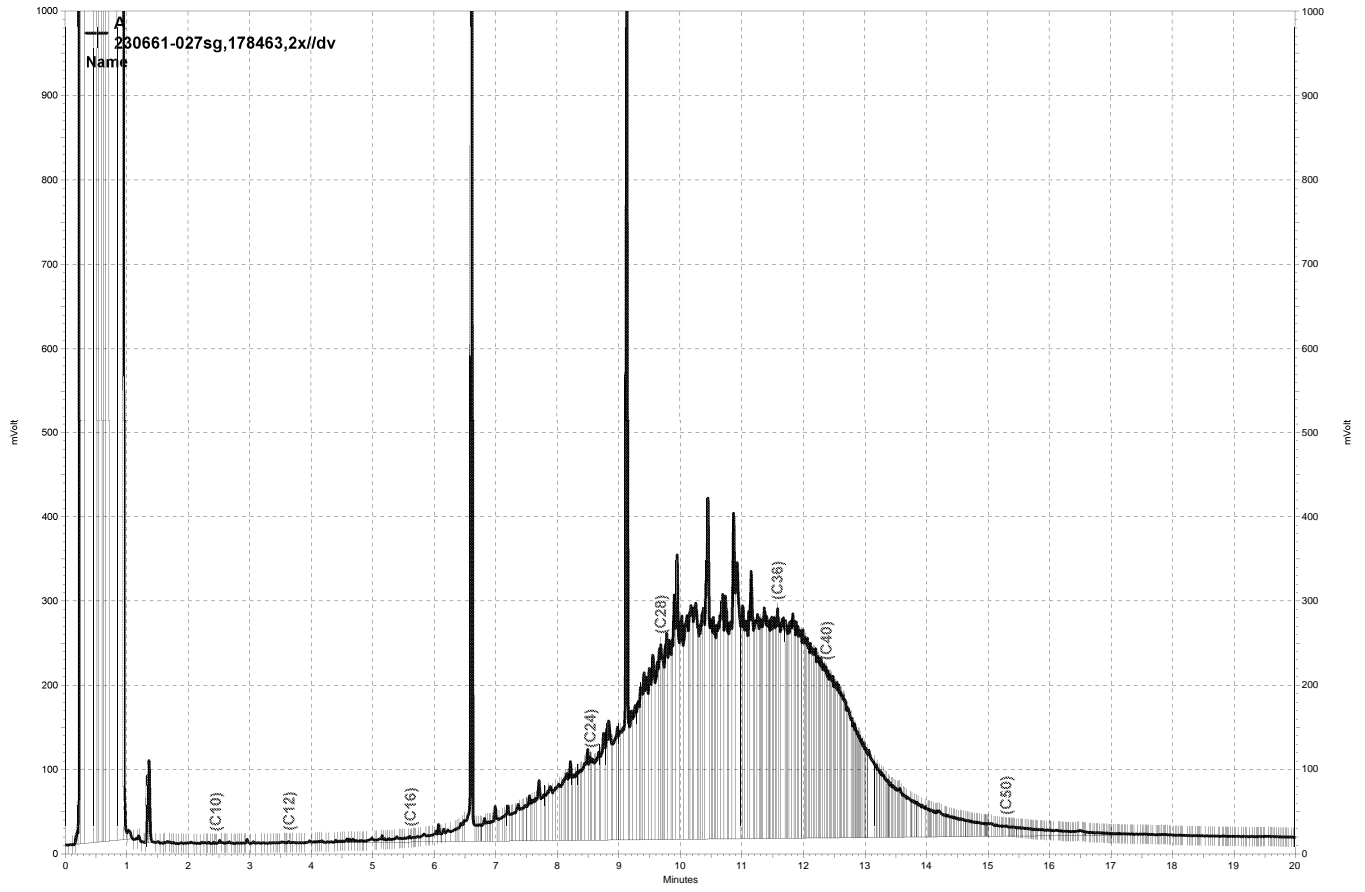
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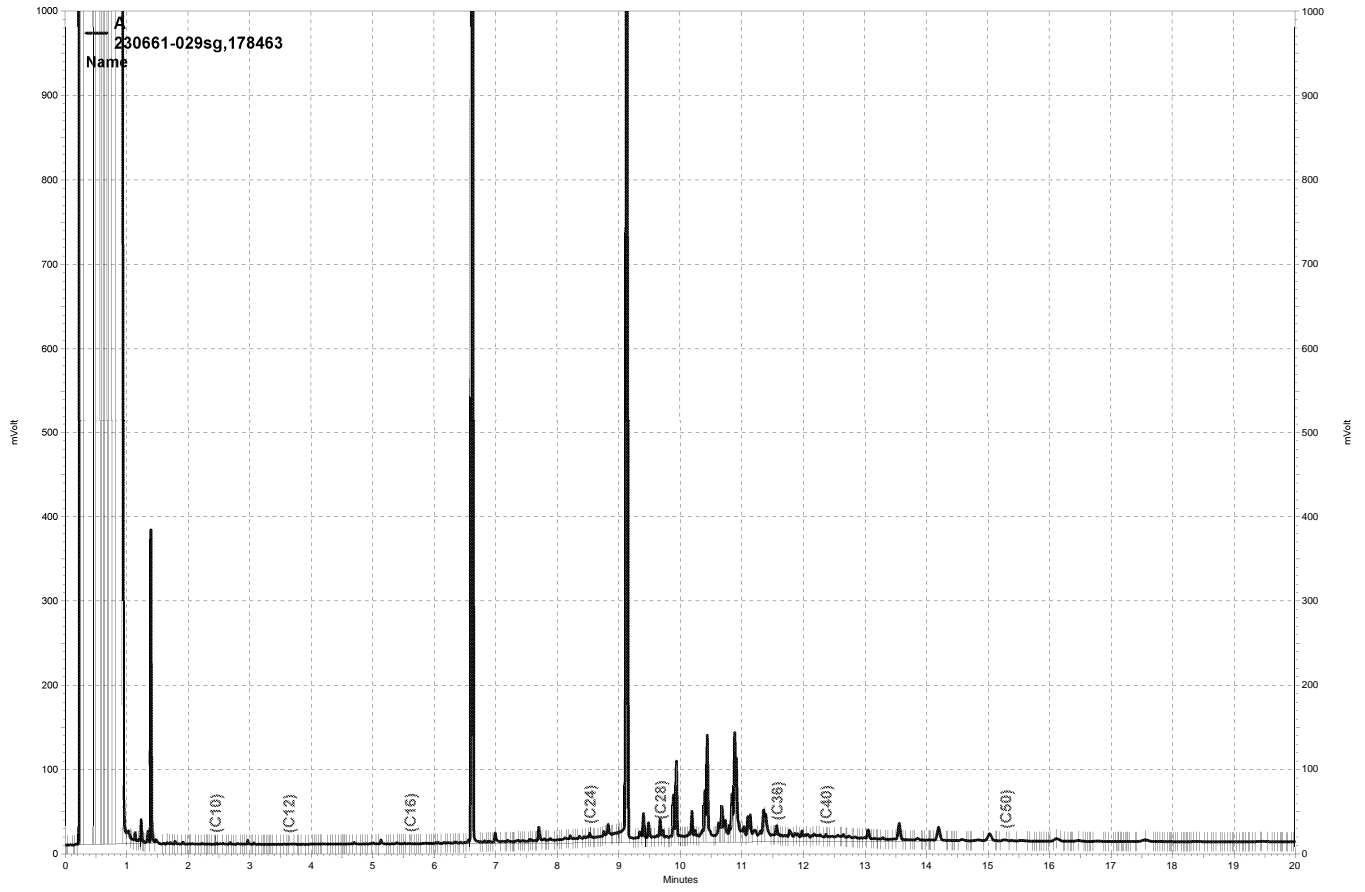
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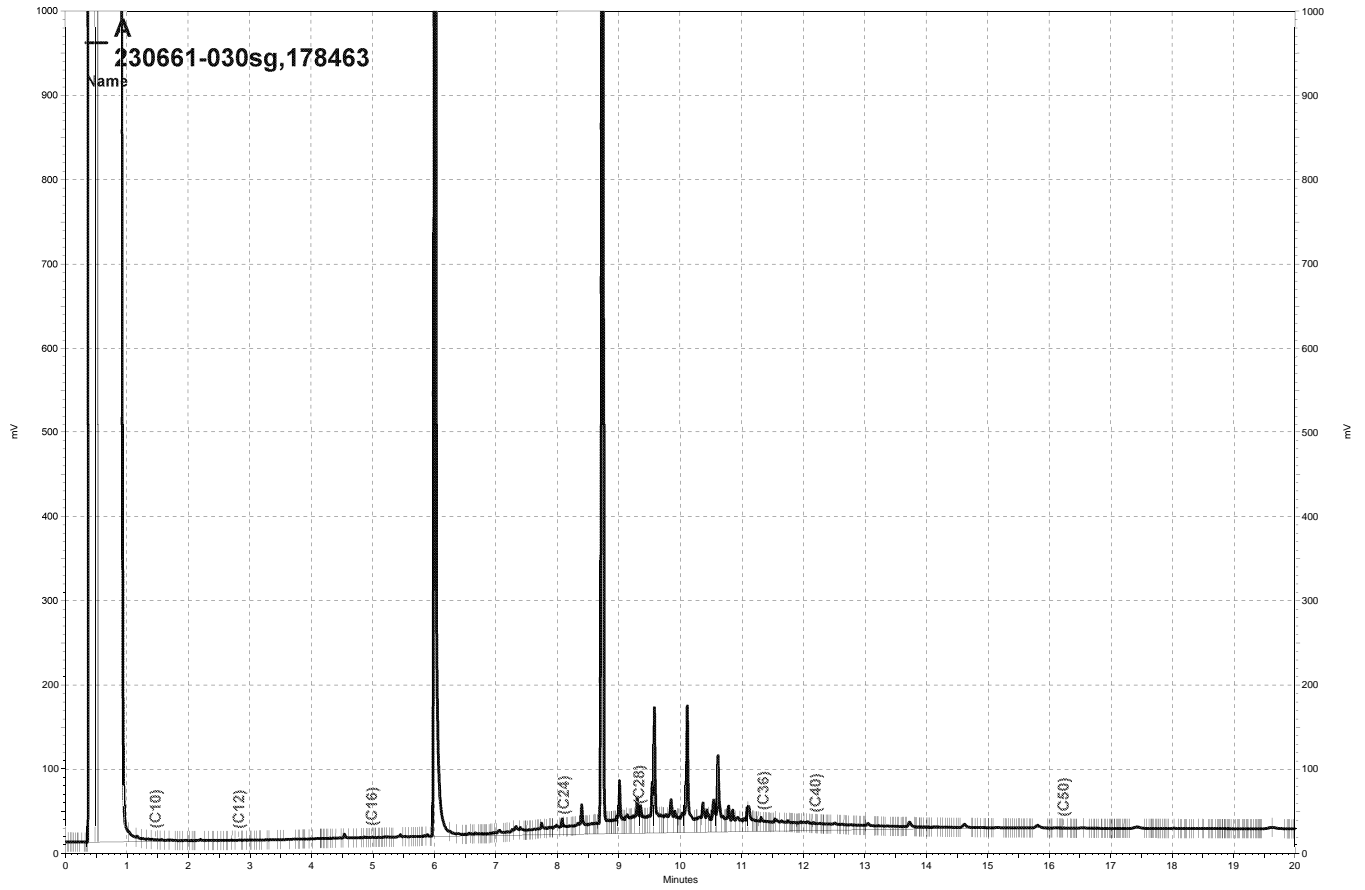
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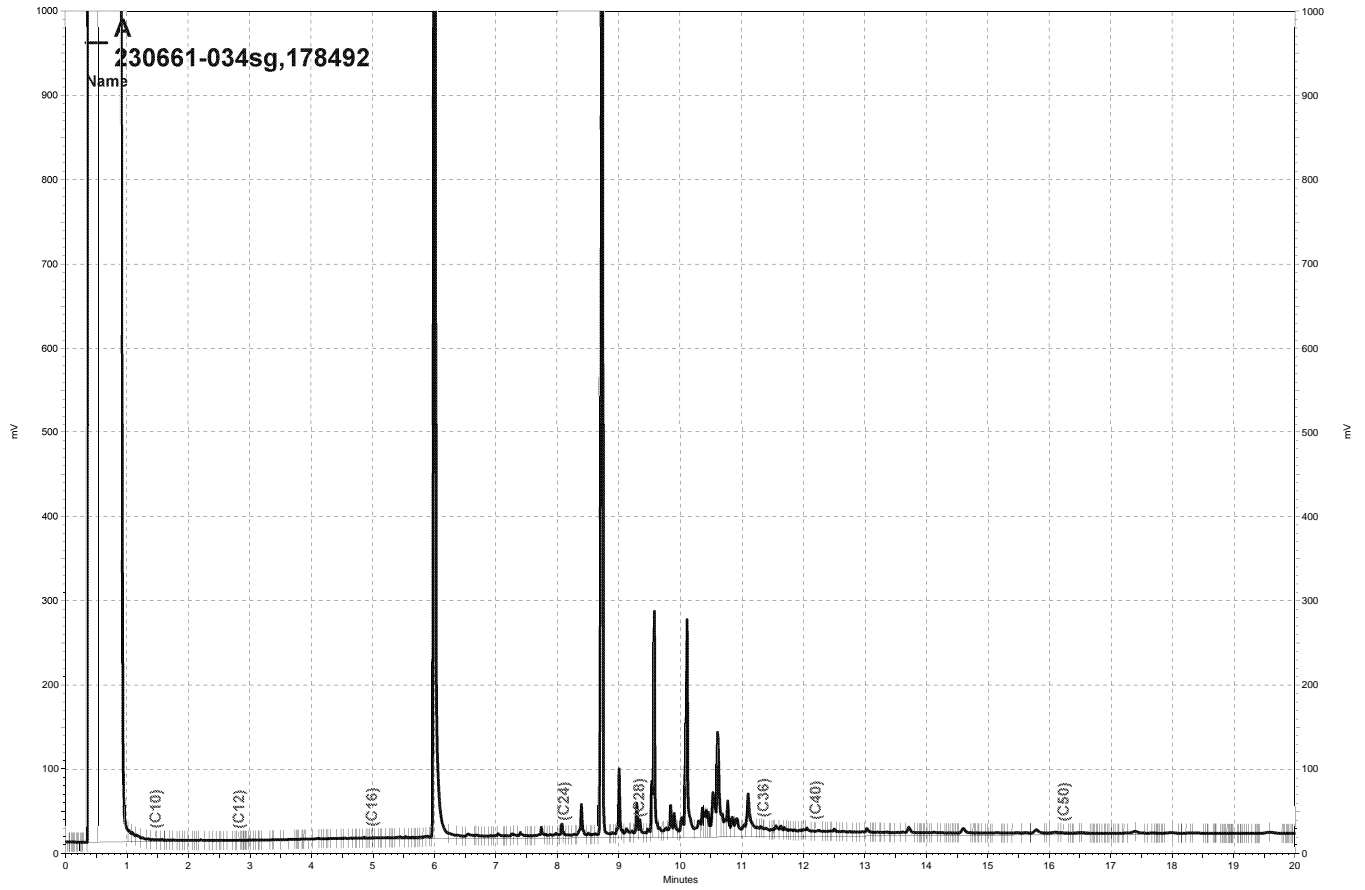
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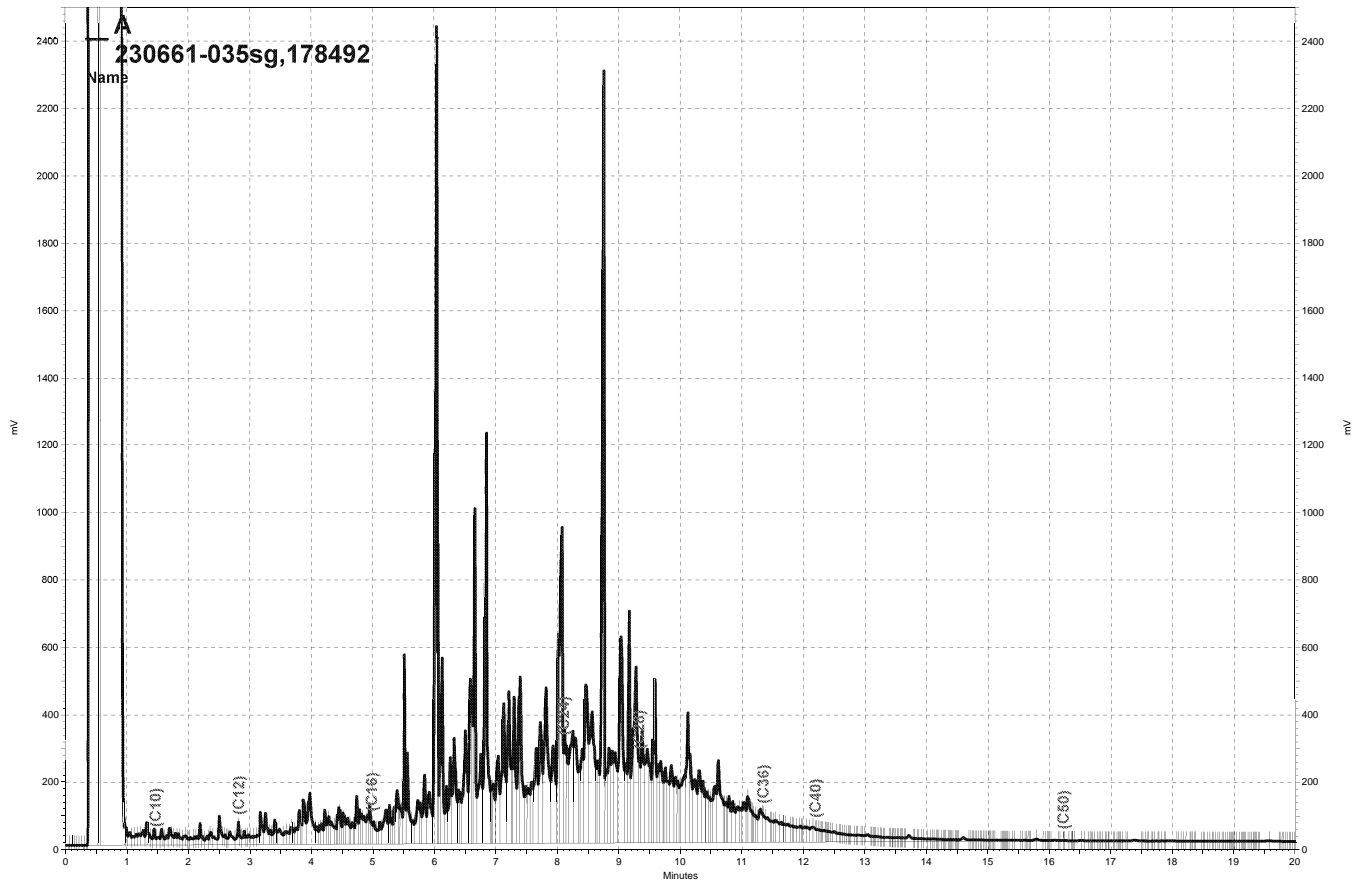
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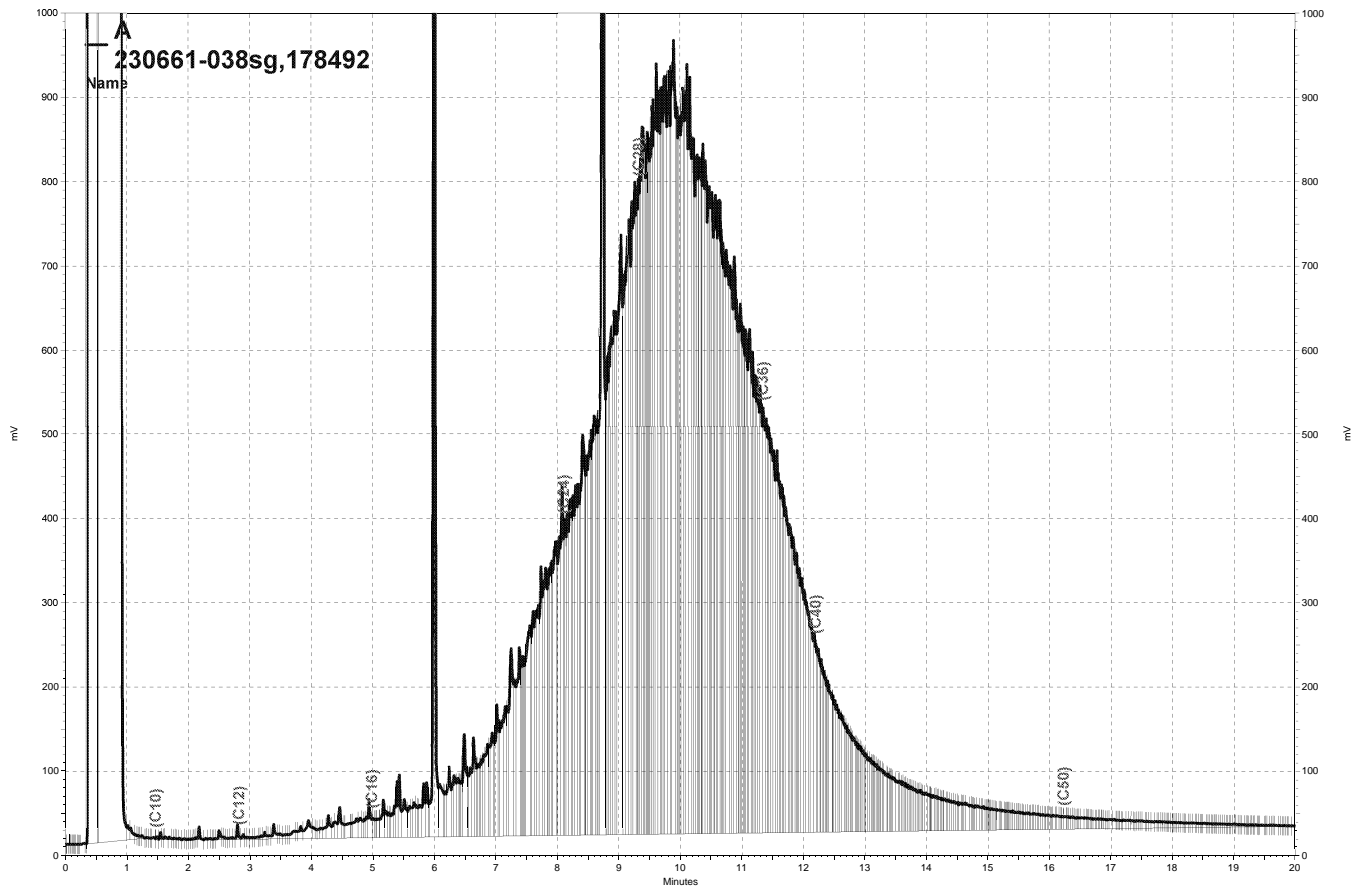
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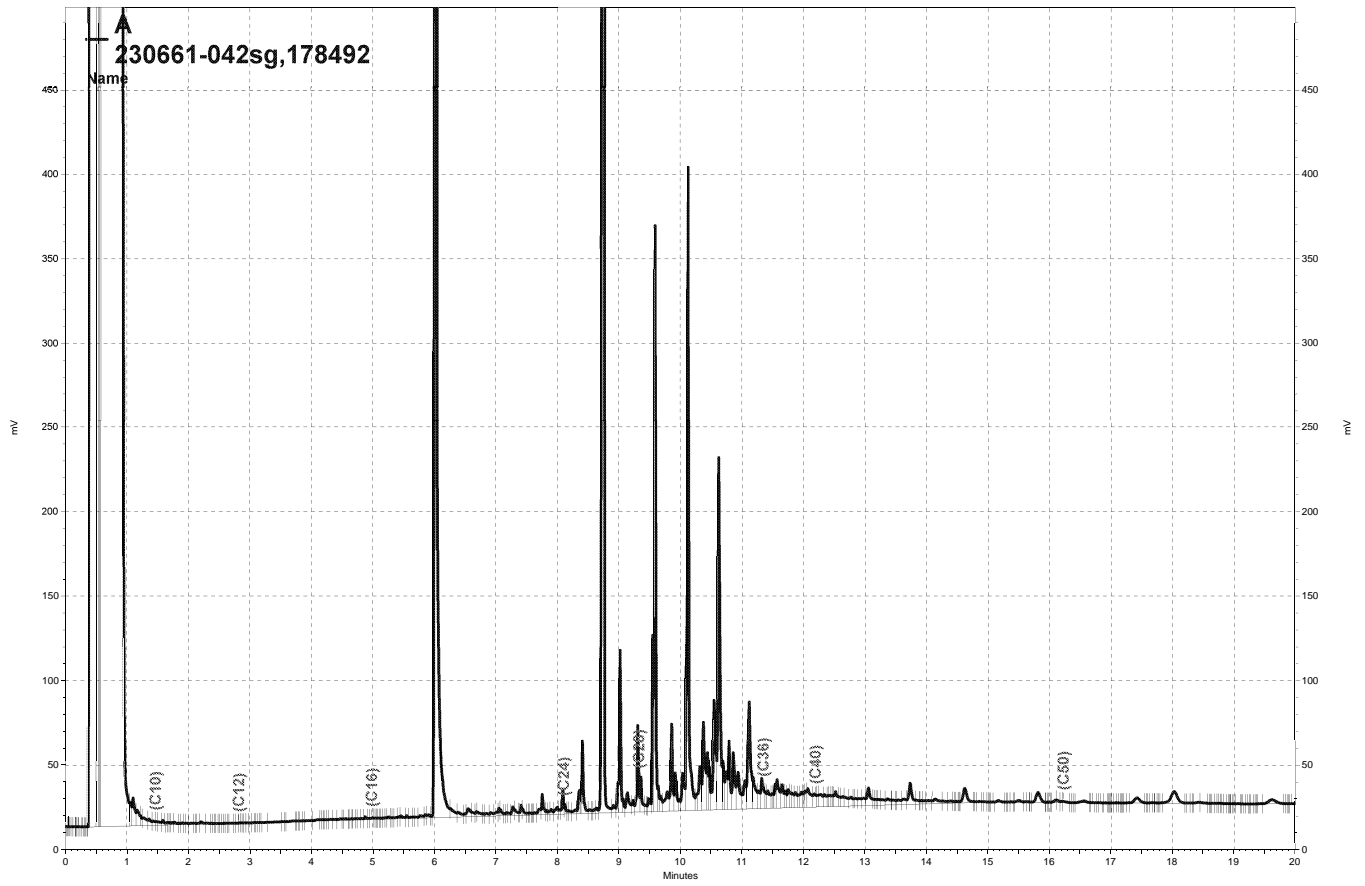
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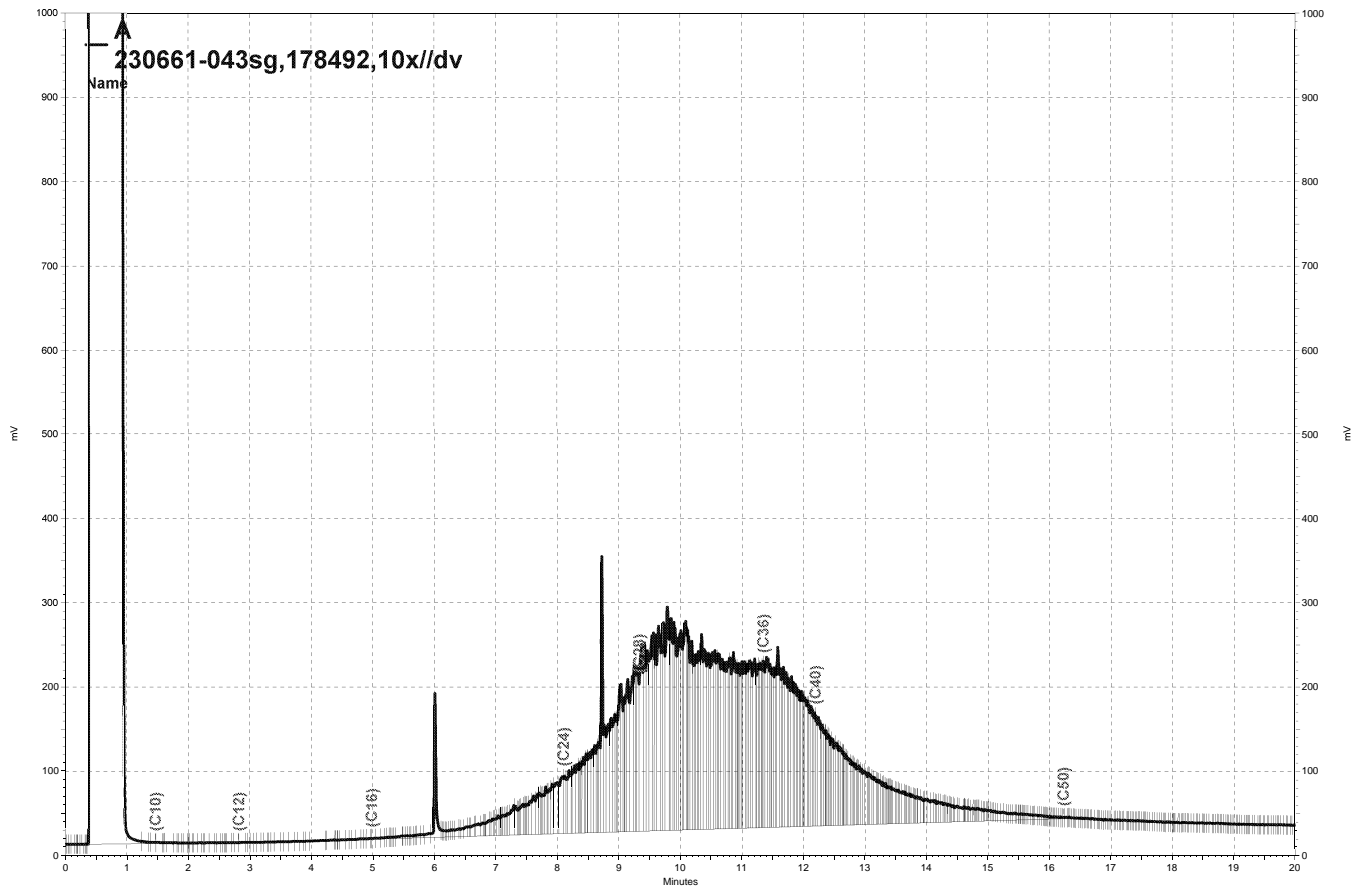
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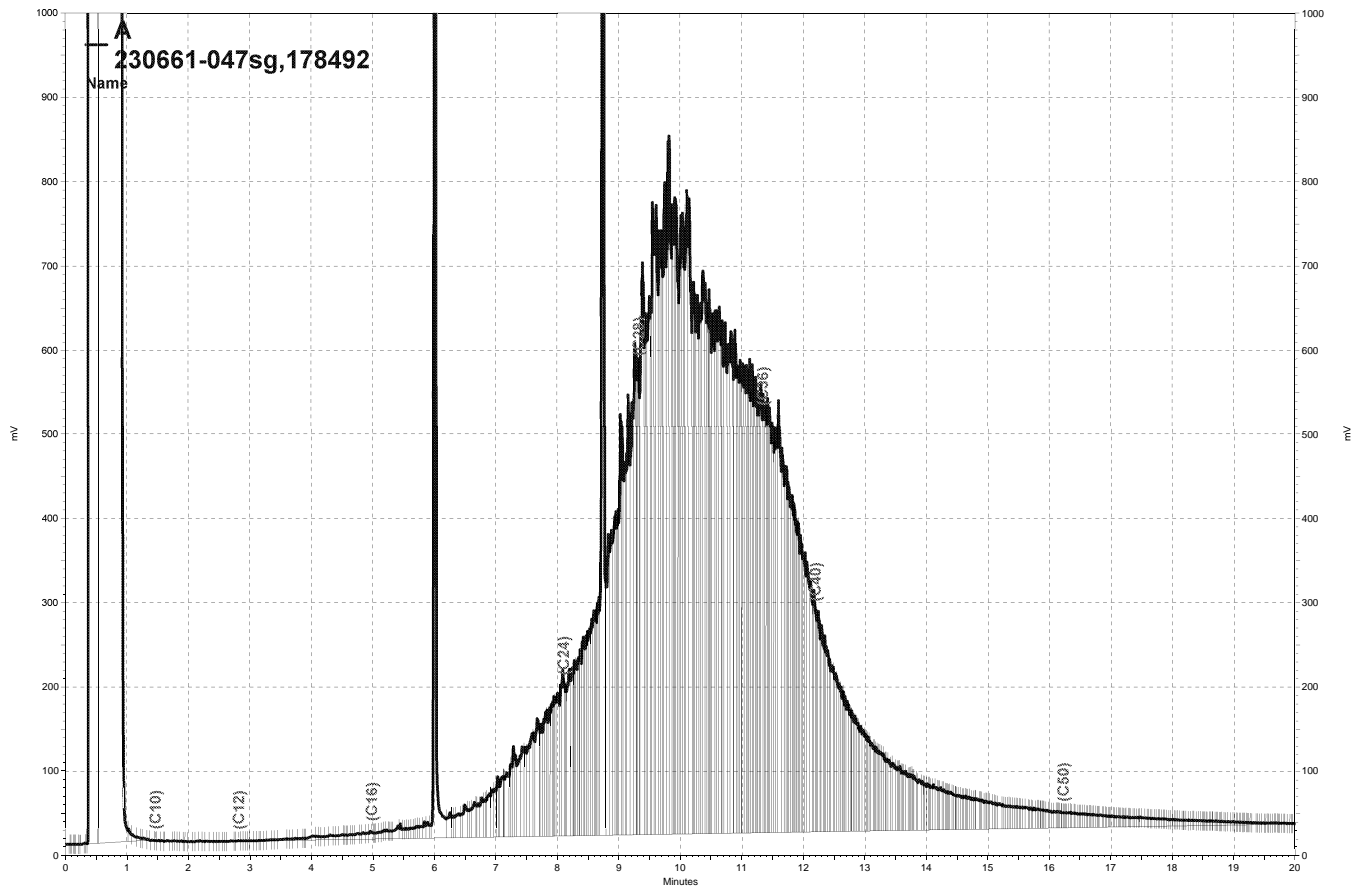
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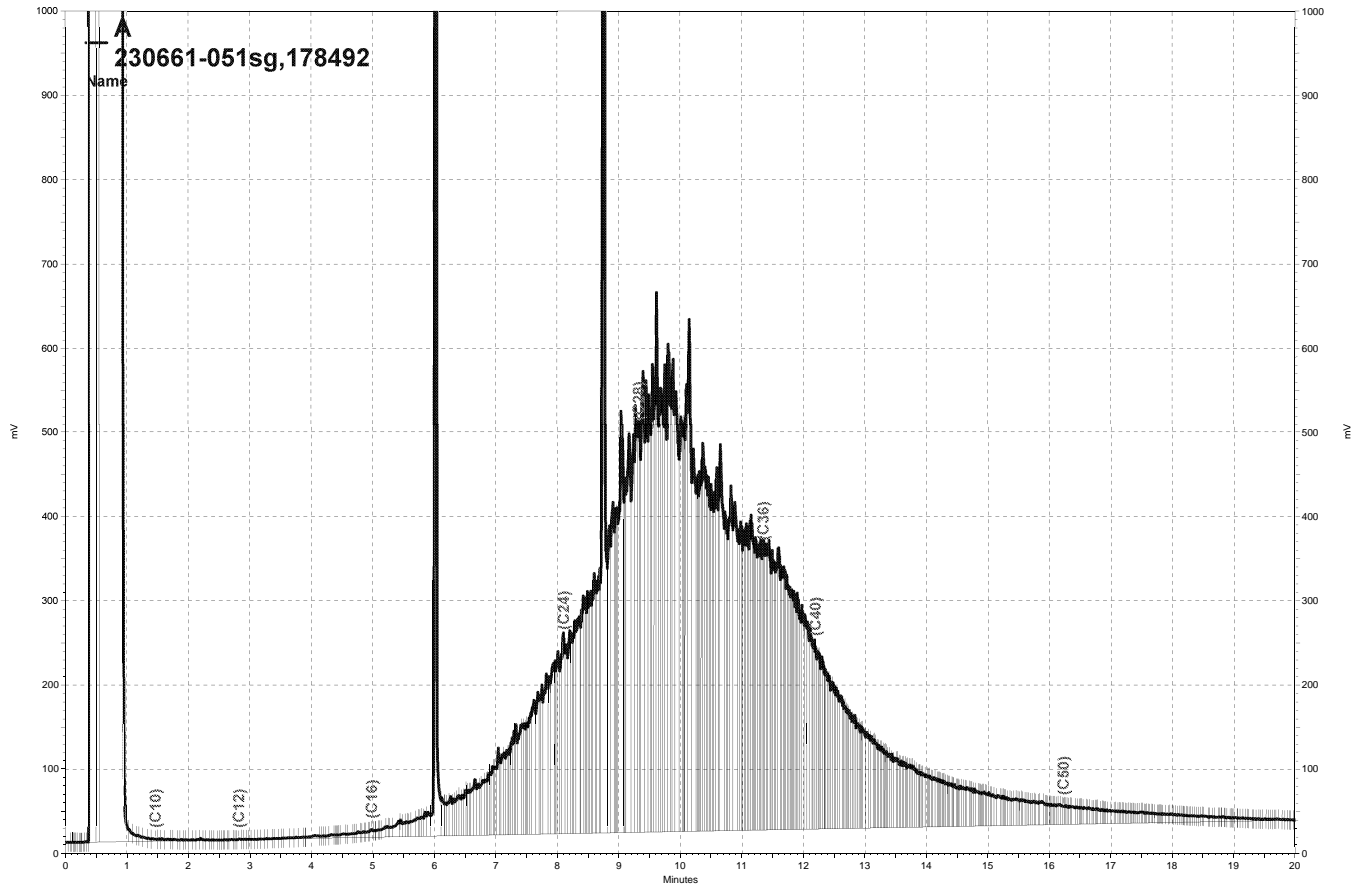
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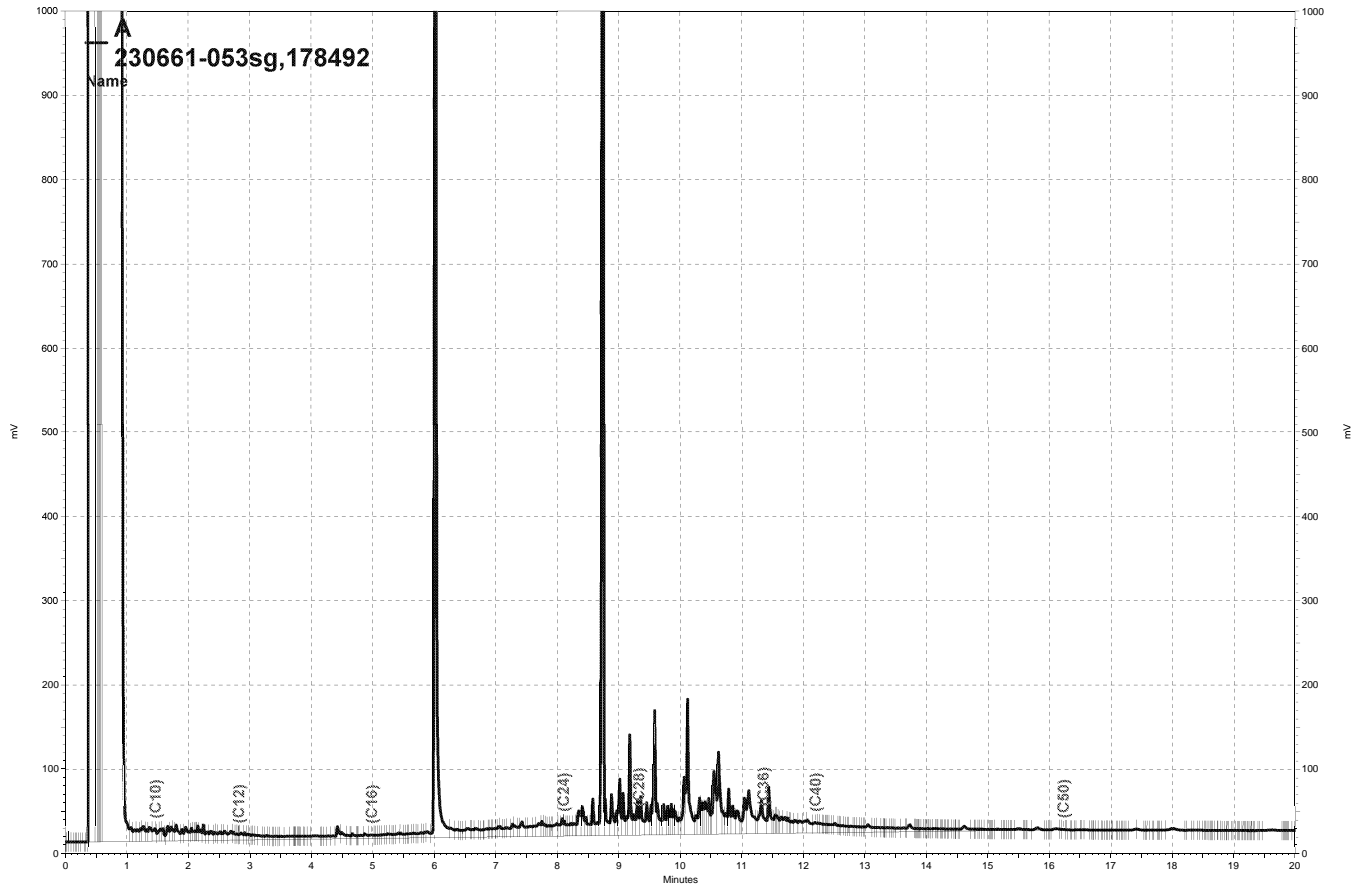
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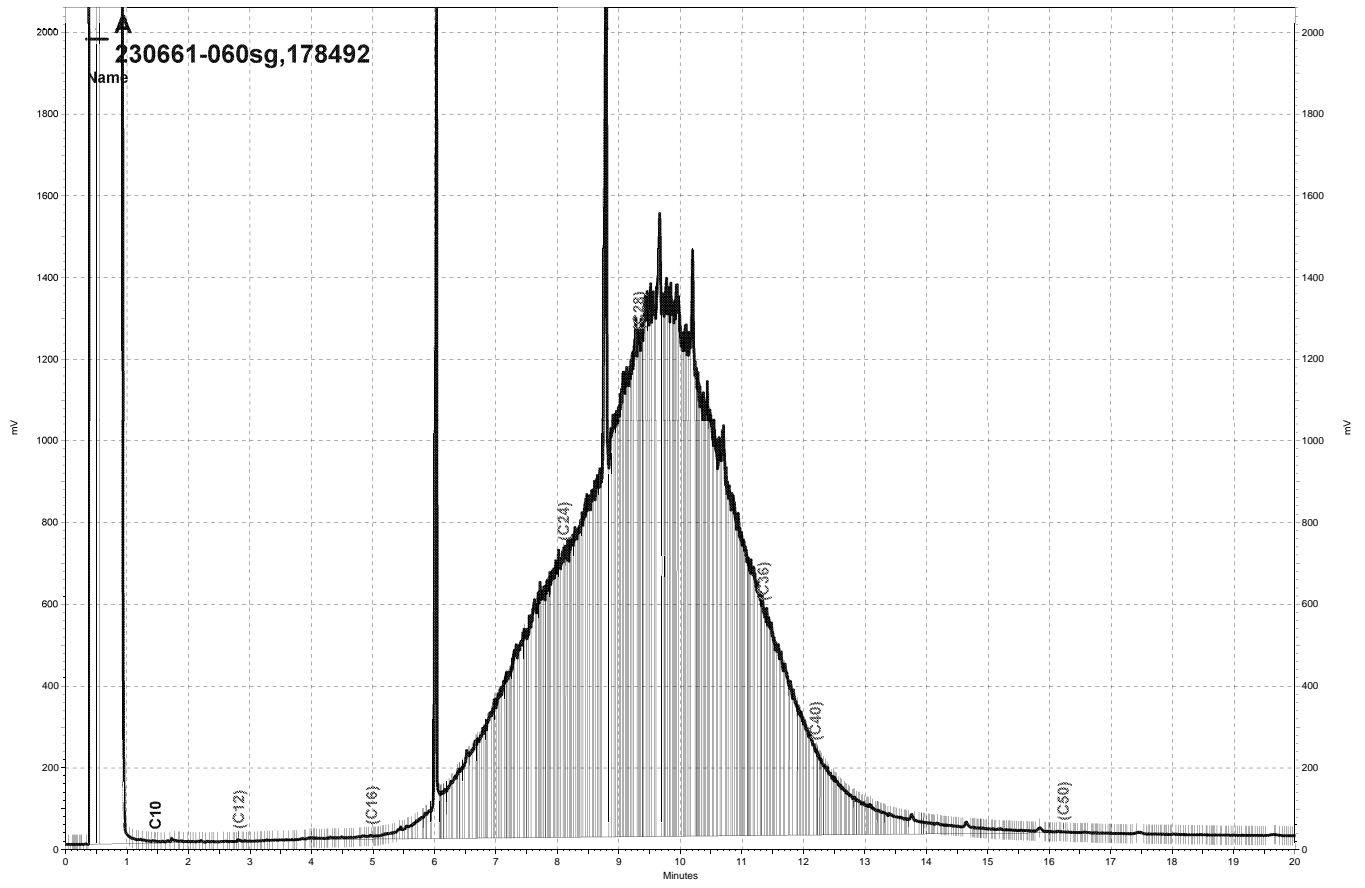
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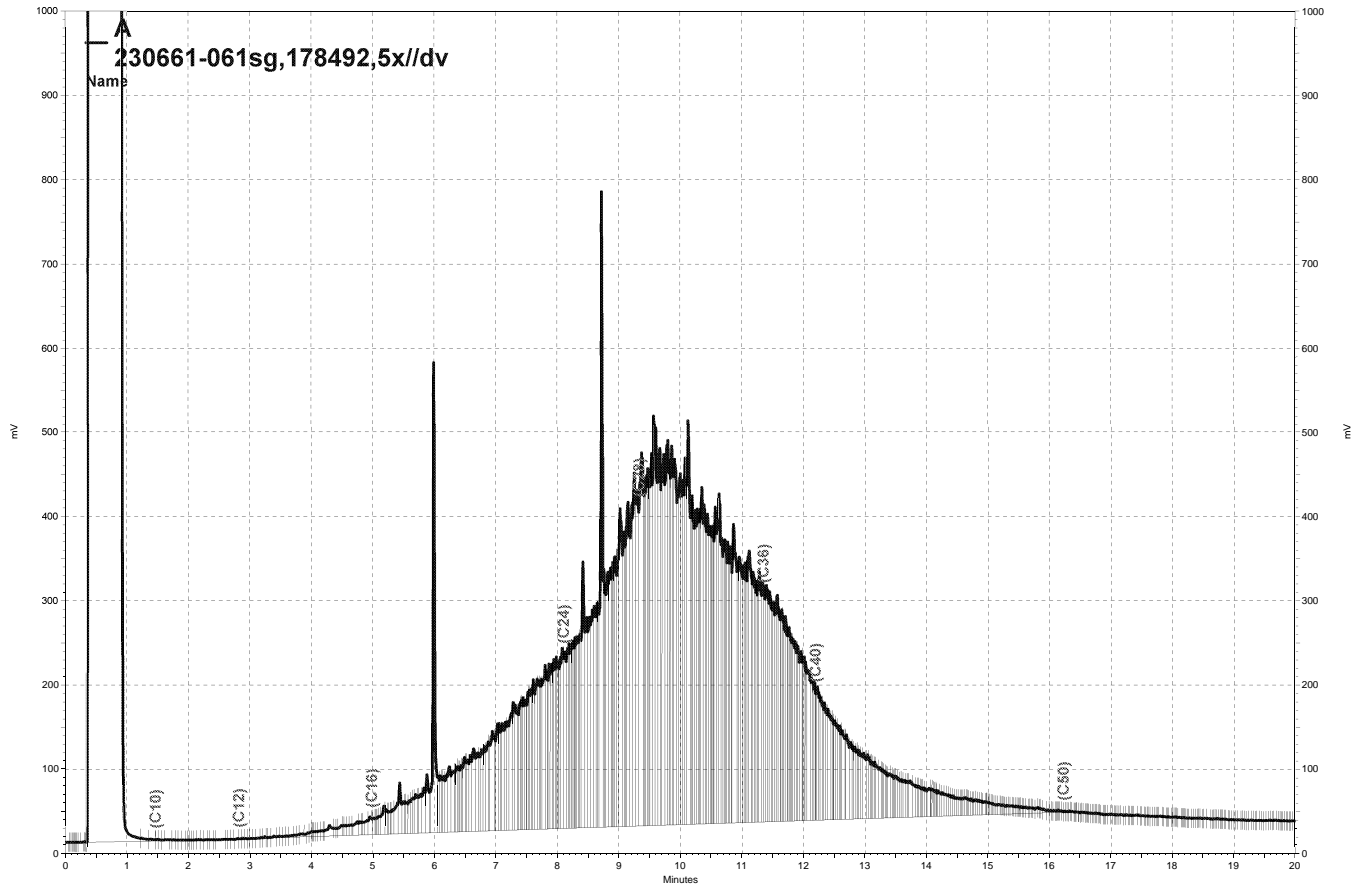
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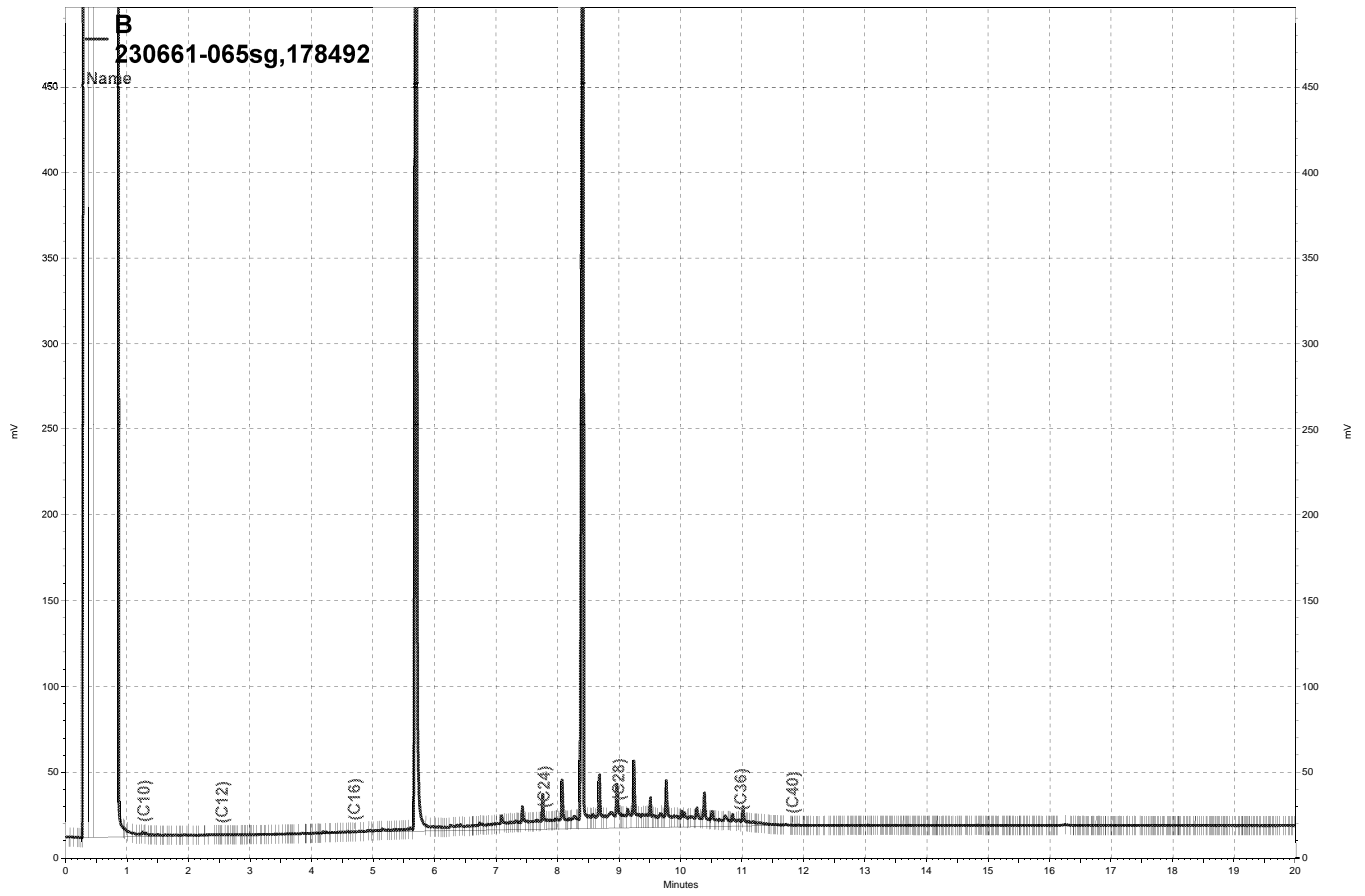
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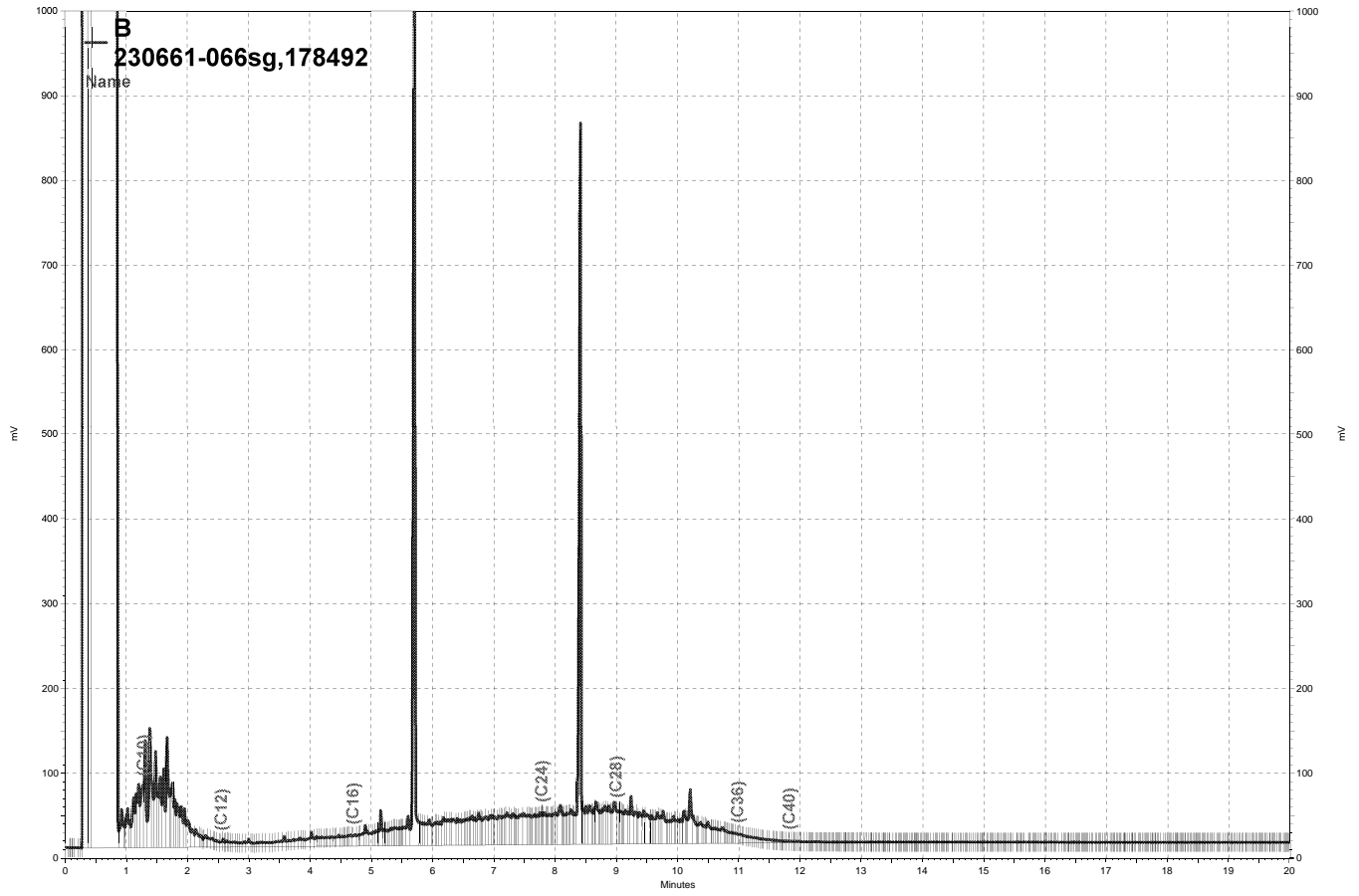
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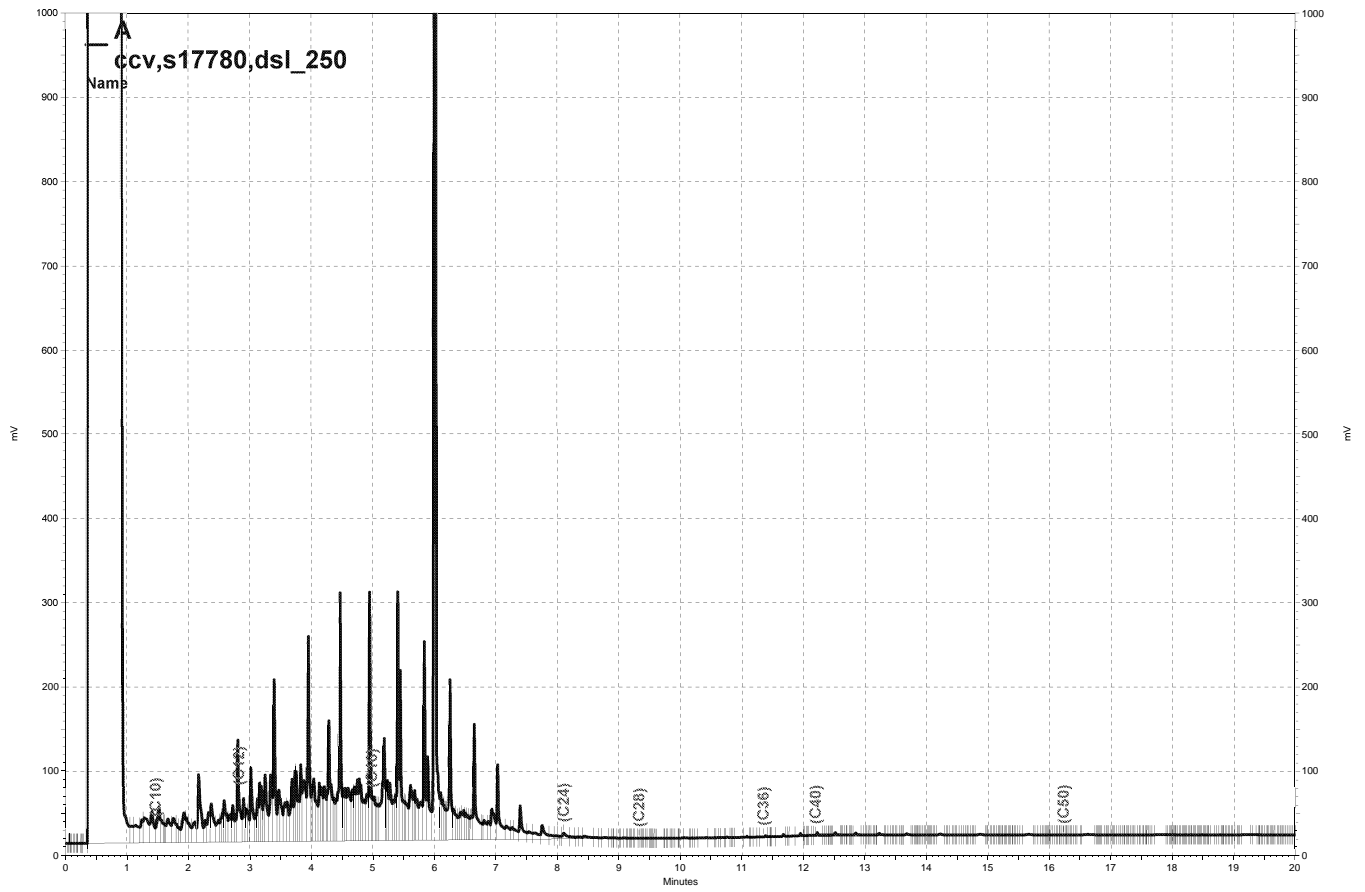
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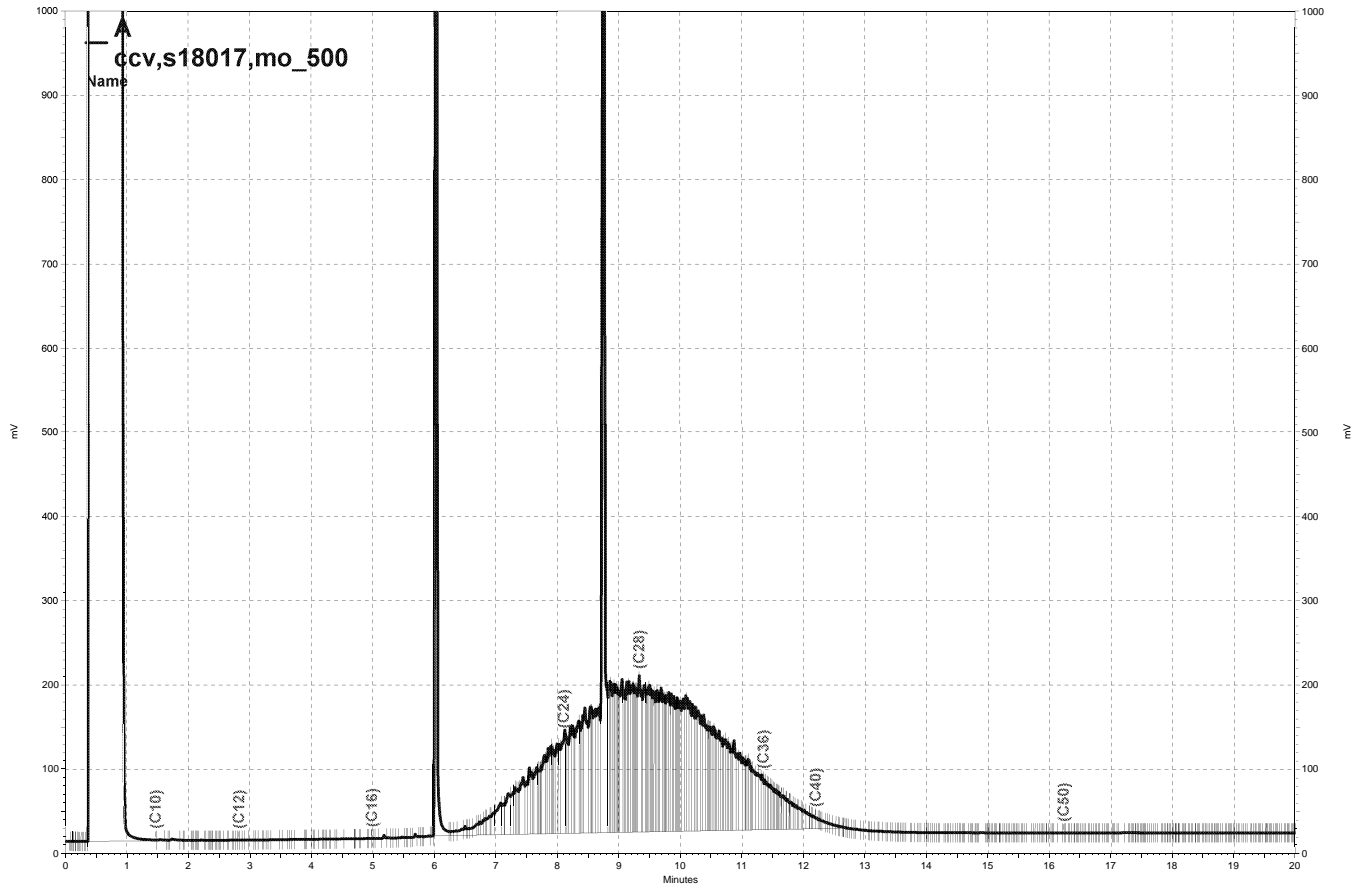
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Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-1 (1/2-1)	Diln Fac:	0.9940
Lab ID:	230661-001	Batch#:	178456
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	08/31/11

Analyte	Result	RL
Freon 12	ND	9.9
Chloromethane	ND	9.9
Vinyl Chloride	ND	9.9
Bromomethane	ND	9.9
Chloroethane	ND	9.9
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	9.9
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	9.9
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	9.9
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-1 (1/2-1)	Diln Fac:	0.9940
Lab ID:	230661-001	Batch#:	178456
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	08/31/11

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	98	71-126
1,2-Dichloroethane-d4	86	74-130
Toluene-d8	101	80-120
Bromofluorobenzene	101	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-1 (2-2 1/2)	Diln Fac:	1.116
Lab ID:	230661-002	Batch#:	178456
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	08/31/11

Analyte	Result	RL
Freon 12	ND	11
Chloromethane	ND	11
Vinyl Chloride	ND	11
Bromomethane	ND	11
Chloroethane	ND	11
Trichlorofluoromethane	ND	5.6
Acetone	ND	22
Freon 113	ND	5.6
1,1-Dichloroethene	ND	5.6
Methylene Chloride	ND	22
Carbon Disulfide	ND	5.6
MTBE	ND	5.6
trans-1,2-Dichloroethene	ND	5.6
Vinyl Acetate	ND	56
1,1-Dichloroethane	ND	5.6
2-Butanone	ND	11
cis-1,2-Dichloroethene	ND	5.6
2,2-Dichloropropane	ND	5.6
Chloroform	ND	5.6
Bromochloromethane	ND	5.6
1,1,1-Trichloroethane	ND	5.6
1,1-Dichloropropene	ND	5.6
Carbon Tetrachloride	ND	5.6
1,2-Dichloroethane	ND	5.6
Benzene	ND	5.6
Trichloroethene	ND	5.6
1,2-Dichloropropane	ND	5.6
Bromodichloromethane	ND	5.6
Dibromomethane	ND	5.6
4-Methyl-2-Pentanone	ND	11
cis-1,3-Dichloropropene	ND	5.6
Toluene	ND	5.6
trans-1,3-Dichloropropene	ND	5.6
1,1,2-Trichloroethane	ND	5.6
2-Hexanone	ND	11
1,3-Dichloropropane	ND	5.6
Tetrachloroethene	ND	5.6

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-1 (2-2 1/2)	Diln Fac:	1.116
Lab ID:	230661-002	Batch#:	178456
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	08/31/11

Analyte	Result	RL
Dibromochloromethane	ND	5.6
1,2-Dibromoethane	ND	5.6
Chlorobenzene	ND	5.6
1,1,1,2-Tetrachloroethane	ND	5.6
Ethylbenzene	ND	5.6
m,p-Xylenes	ND	5.6
o-Xylene	ND	5.6
Styrene	ND	5.6
Bromoform	ND	5.6
Isopropylbenzene	ND	5.6
1,1,2,2-Tetrachloroethane	ND	5.6
1,2,3-Trichloropropane	ND	5.6
Propylbenzene	ND	5.6
Bromobenzene	ND	5.6
1,3,5-Trimethylbenzene	ND	5.6
2-Chlorotoluene	ND	5.6
4-Chlorotoluene	ND	5.6
tert-Butylbenzene	ND	5.6
1,2,4-Trimethylbenzene	ND	5.6
sec-Butylbenzene	ND	5.6
para-Isopropyl Toluene	ND	5.6
1,3-Dichlorobenzene	ND	5.6
1,4-Dichlorobenzene	ND	5.6
n-Butylbenzene	ND	5.6
1,2-Dichlorobenzene	ND	5.6
1,2-Dibromo-3-Chloropropane	ND	5.6
1,2,4-Trichlorobenzene	ND	5.6
Hexachlorobutadiene	ND	5.6
Naphthalene	ND	5.6
1,2,3-Trichlorobenzene	ND	5.6

Surrogate	%REC	Limits
Dibromofluoromethane	100	71-126
1,2-Dichloroethane-d4	89	74-130
Toluene-d8	99	80-120
Bromofluorobenzene	107	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-8 (1/2-1)	Diln Fac:	1.012
Lab ID:	230661-004	Batch#:	178456
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	08/31/11

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.1
Acetone	ND	20
Freon 113	ND	5.1
1,1-Dichloroethene	ND	5.1
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.1
MTBE	ND	5.1
trans-1,2-Dichloroethene	ND	5.1
Vinyl Acetate	ND	51
1,1-Dichloroethane	ND	5.1
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.1
2,2-Dichloropropane	ND	5.1
Chloroform	ND	5.1
Bromochloromethane	ND	5.1
1,1,1-Trichloroethane	ND	5.1
1,1-Dichloropropene	ND	5.1
Carbon Tetrachloride	ND	5.1
1,2-Dichloroethane	ND	5.1
Benzene	ND	5.1
Trichloroethene	ND	5.1
1,2-Dichloropropane	ND	5.1
Bromodichloromethane	ND	5.1
Dibromomethane	ND	5.1
4-Methyl-2-Pentanone	12	10
cis-1,3-Dichloropropene	ND	5.1
Toluene	5.8	5.1
trans-1,3-Dichloropropene	ND	5.1
1,1,2-Trichloroethane	ND	5.1
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.1
Tetrachloroethene	ND	5.1

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-8 (1/2-1)	Diln Fac:	1.012
Lab ID:	230661-004	Batch#:	178456
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	08/31/11

Analyte	Result	RL
Dibromochloromethane	ND	5.1
1,2-Dibromoethane	ND	5.1
Chlorobenzene	ND	5.1
1,1,1,2-Tetrachloroethane	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	19	5.1
o-Xylene	ND	5.1
Styrene	ND	5.1
Bromoform	ND	5.1
Isopropylbenzene	ND	5.1
1,1,2,2-Tetrachloroethane	ND	5.1
1,2,3-Trichloropropane	ND	5.1
Propylbenzene	ND	5.1
Bromobenzene	ND	5.1
1,3,5-Trimethylbenzene	ND	5.1
2-Chlorotoluene	ND	5.1
4-Chlorotoluene	ND	5.1
tert-Butylbenzene	ND	5.1
1,2,4-Trimethylbenzene	9.3	5.1
sec-Butylbenzene	ND	5.1
para-Isopropyl Toluene	ND	5.1
1,3-Dichlorobenzene	ND	5.1
1,4-Dichlorobenzene	ND	5.1
n-Butylbenzene	ND	5.1
1,2-Dichlorobenzene	ND	5.1
1,2-Dibromo-3-Chloropropane	ND	5.1
1,2,4-Trichlorobenzene	ND	5.1
Hexachlorobutadiene	ND	5.1
Naphthalene	ND	5.1
1,2,3-Trichlorobenzene	ND	5.1

Surrogate	%REC	Limits
Dibromofluoromethane	107	71-126
1,2-Dichloroethane-d4	90	74-130
Toluene-d8	106	80-120
Bromofluorobenzene	122	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-8 (2-2 1/2)	Diln Fac:	0.8224
Lab ID:	230661-005	Batch#:	178456
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	08/31/11

Analyte	Result	RL
Freon 12	ND	8.2
Chloromethane	ND	8.2
Vinyl Chloride	ND	8.2
Bromomethane	ND	8.2
Chloroethane	ND	8.2
Trichlorofluoromethane	ND	4.1
Acetone	24	16
Freon 113	ND	4.1
1,1-Dichloroethene	ND	4.1
Methylene Chloride	ND	16
Carbon Disulfide	ND	4.1
MTBE	ND	4.1
trans-1,2-Dichloroethene	ND	4.1
Vinyl Acetate	ND	41
1,1-Dichloroethane	ND	4.1
2-Butanone	ND	8.2
cis-1,2-Dichloroethene	ND	4.1
2,2-Dichloropropane	ND	4.1
Chloroform	ND	4.1
Bromochloromethane	ND	4.1
1,1,1-Trichloroethane	ND	4.1
1,1-Dichloropropene	ND	4.1
Carbon Tetrachloride	ND	4.1
1,2-Dichloroethane	ND	4.1
Benzene	ND	4.1
Trichloroethene	ND	4.1
1,2-Dichloropropane	ND	4.1
Bromodichloromethane	ND	4.1
Dibromomethane	ND	4.1
4-Methyl-2-Pentanone	ND	8.2
cis-1,3-Dichloropropene	ND	4.1
Toluene	ND	4.1
trans-1,3-Dichloropropene	ND	4.1
1,1,2-Trichloroethane	ND	4.1
2-Hexanone	ND	8.2
1,3-Dichloropropane	ND	4.1
Tetrachloroethene	ND	4.1

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-8 (2-2 1/2)	Diln Fac:	0.8224
Lab ID:	230661-005	Batch#:	178456
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	08/31/11

Analyte	Result	RL
Dibromochloromethane	ND	4.1
1,2-Dibromoethane	ND	4.1
Chlorobenzene	ND	4.1
1,1,1,2-Tetrachloroethane	ND	4.1
Ethylbenzene	ND	4.1
m,p-Xylenes	ND	4.1
o-Xylene	ND	4.1
Styrene	ND	4.1
Bromoform	ND	4.1
Isopropylbenzene	ND	4.1
1,1,2,2-Tetrachloroethane	ND	4.1
1,2,3-Trichloropropane	ND	4.1
Propylbenzene	ND	4.1
Bromobenzene	ND	4.1
1,3,5-Trimethylbenzene	ND	4.1
2-Chlorotoluene	ND	4.1
4-Chlorotoluene	ND	4.1
tert-Butylbenzene	ND	4.1
1,2,4-Trimethylbenzene	ND	4.1
sec-Butylbenzene	ND	4.1
para-Isopropyl Toluene	ND	4.1
1,3-Dichlorobenzene	ND	4.1
1,4-Dichlorobenzene	ND	4.1
n-Butylbenzene	ND	4.1
1,2-Dichlorobenzene	ND	4.1
1,2-Dibromo-3-Chloropropane	ND	4.1
1,2,4-Trichlorobenzene	ND	4.1
Hexachlorobutadiene	ND	4.1
Naphthalene	ND	4.1
1,2,3-Trichlorobenzene	ND	4.1

Surrogate	%REC	Limits
Dibromofluoromethane	99	71-126
1,2-Dichloroethane-d4	87	74-130
Toluene-d8	101	80-120
Bromofluorobenzene	121	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-8 (5-5 1/2)	Diln Fac:	0.8292
Lab ID:	230661-007	Batch#:	178456
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	08/31/11

Analyte	Result	RL
Freon 12	ND	8.3
Chloromethane	ND	8.3
Vinyl Chloride	ND	8.3
Bromomethane	ND	8.3
Chloroethane	ND	8.3
Trichlorofluoromethane	ND	4.1
Acetone	ND	17
Freon 113	ND	4.1
1,1-Dichloroethene	ND	4.1
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.1
MTBE	ND	4.1
trans-1,2-Dichloroethene	ND	4.1
Vinyl Acetate	ND	41
1,1-Dichloroethane	ND	4.1
2-Butanone	ND	8.3
cis-1,2-Dichloroethene	ND	4.1
2,2-Dichloropropane	ND	4.1
Chloroform	ND	4.1
Bromochloromethane	ND	4.1
1,1,1-Trichloroethane	ND	4.1
1,1-Dichloropropene	ND	4.1
Carbon Tetrachloride	ND	4.1
1,2-Dichloroethane	ND	4.1
Benzene	ND	4.1
Trichloroethene	ND	4.1
1,2-Dichloropropane	ND	4.1
Bromodichloromethane	ND	4.1
Dibromomethane	ND	4.1
4-Methyl-2-Pentanone	ND	8.3
cis-1,3-Dichloropropene	ND	4.1
Toluene	ND	4.1
trans-1,3-Dichloropropene	ND	4.1
1,1,2-Trichloroethane	ND	4.1
2-Hexanone	ND	8.3
1,3-Dichloropropane	ND	4.1
Tetrachloroethene	ND	4.1

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-8 (5-5 1/2)	Diln Fac:	0.8292
Lab ID:	230661-007	Batch#:	178456
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	08/31/11

Analyte	Result	RL
Dibromochloromethane	ND	4.1
1,2-Dibromoethane	ND	4.1
Chlorobenzene	ND	4.1
1,1,1,2-Tetrachloroethane	ND	4.1
Ethylbenzene	ND	4.1
m,p-Xylenes	ND	4.1
o-Xylene	ND	4.1
Styrene	ND	4.1
Bromoform	ND	4.1
Isopropylbenzene	ND	4.1
1,1,2,2-Tetrachloroethane	ND	4.1
1,2,3-Trichloropropane	ND	4.1
Propylbenzene	ND	4.1
Bromobenzene	ND	4.1
1,3,5-Trimethylbenzene	ND	4.1
2-Chlorotoluene	ND	4.1
4-Chlorotoluene	ND	4.1
tert-Butylbenzene	ND	4.1
1,2,4-Trimethylbenzene	ND	4.1
sec-Butylbenzene	ND	4.1
para-Isopropyl Toluene	ND	4.1
1,3-Dichlorobenzene	ND	4.1
1,4-Dichlorobenzene	ND	4.1
n-Butylbenzene	ND	4.1
1,2-Dichlorobenzene	ND	4.1
1,2-Dibromo-3-Chloropropane	ND	4.1
1,2,4-Trichlorobenzene	ND	4.1
Hexachlorobutadiene	ND	4.1
Naphthalene	ND	4.1
1,2,3-Trichlorobenzene	ND	4.1

Surrogate	%REC	Limits
Dibromofluoromethane	93	71-126
1,2-Dichloroethane-d4	87	74-130
Toluene-d8	98	80-120
Bromofluorobenzene	108	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-14 (0-1/2)	Diln Fac:	1.064
Lab ID:	230661-008	Batch#:	178456
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	08/31/11

Analyte	Result	RL
Freon 12	ND	11
Chloromethane	ND	11
Vinyl Chloride	ND	11
Bromomethane	ND	11
Chloroethane	ND	11
Trichlorofluoromethane	ND	5.3
Acetone	ND	21
Freon 113	ND	5.3
1,1-Dichloroethene	ND	5.3
Methylene Chloride	ND	21
Carbon Disulfide	ND	5.3
MTBE	ND	5.3
trans-1,2-Dichloroethene	ND	5.3
Vinyl Acetate	ND	53
1,1-Dichloroethane	ND	5.3
2-Butanone	ND	11
cis-1,2-Dichloroethene	ND	5.3
2,2-Dichloropropane	ND	5.3
Chloroform	ND	5.3
Bromochloromethane	ND	5.3
1,1,1-Trichloroethane	ND	5.3
1,1-Dichloropropene	ND	5.3
Carbon Tetrachloride	ND	5.3
1,2-Dichloroethane	ND	5.3
Benzene	ND	5.3
Trichloroethene	ND	5.3
1,2-Dichloropropane	ND	5.3
Bromodichloromethane	ND	5.3
Dibromomethane	ND	5.3
4-Methyl-2-Pentanone	ND	11
cis-1,3-Dichloropropene	ND	5.3
Toluene	ND	5.3
trans-1,3-Dichloropropene	ND	5.3
1,1,2-Trichloroethane	ND	5.3
2-Hexanone	ND	11
1,3-Dichloropropane	ND	5.3
Tetrachloroethene	ND	5.3

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-14 (0-1/2)	Diln Fac:	1.064
Lab ID:	230661-008	Batch#:	178456
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	08/31/11

Analyte	Result	RL
Dibromochloromethane	ND	5.3
1,2-Dibromoethane	ND	5.3
Chlorobenzene	ND	5.3
1,1,1,2-Tetrachloroethane	ND	5.3
Ethylbenzene	ND	5.3
m,p-Xylenes	ND	5.3
o-Xylene	ND	5.3
Styrene	ND	5.3
Bromoform	ND	5.3
Isopropylbenzene	ND	5.3
1,1,2,2-Tetrachloroethane	ND	5.3
1,2,3-Trichloropropane	ND	5.3
Propylbenzene	ND	5.3
Bromobenzene	ND	5.3
1,3,5-Trimethylbenzene	ND	5.3
2-Chlorotoluene	ND	5.3
4-Chlorotoluene	ND	5.3
tert-Butylbenzene	ND	5.3
1,2,4-Trimethylbenzene	ND	5.3
sec-Butylbenzene	ND	5.3
para-Isopropyl Toluene	ND	5.3
1,3-Dichlorobenzene	ND	5.3
1,4-Dichlorobenzene	ND	5.3
n-Butylbenzene	ND	5.3
1,2-Dichlorobenzene	ND	5.3
1,2-Dibromo-3-Chloropropane	ND	5.3
1,2,4-Trichlorobenzene	ND	5.3
Hexachlorobutadiene	ND	5.3
Naphthalene	ND	5.3
1,2,3-Trichlorobenzene	ND	5.3

Surrogate	%REC	Limits
Dibromofluoromethane	96	71-126
1,2-Dichloroethane-d4	84	74-130
Toluene-d8	107	80-120
Bromofluorobenzene	118	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-14 (1 1/2-2)	Diln Fac:	0.8503
Lab ID:	230661-009	Batch#:	178567
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.5
Chloromethane	ND	8.5
Vinyl Chloride	ND	8.5
Bromomethane	ND	8.5
Chloroethane	ND	8.5
Trichlorofluoromethane	ND	4.3
Acetone	22	17
Freon 113	ND	4.3
1,1-Dichloroethene	ND	4.3
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.3
MTBE	ND	4.3
trans-1,2-Dichloroethene	ND	4.3
Vinyl Acetate	ND	43
1,1-Dichloroethane	ND	4.3
2-Butanone	ND	8.5
cis-1,2-Dichloroethene	ND	4.3
2,2-Dichloropropane	ND	4.3
Chloroform	ND	4.3
Bromochloromethane	ND	4.3
1,1,1-Trichloroethane	ND	4.3
1,1-Dichloropropene	ND	4.3
Carbon Tetrachloride	ND	4.3
1,2-Dichloroethane	ND	4.3
Benzene	ND	4.3
Trichloroethene	ND	4.3
1,2-Dichloropropane	ND	4.3
Bromodichloromethane	ND	4.3
Dibromomethane	ND	4.3
4-Methyl-2-Pentanone	ND	8.5
cis-1,3-Dichloropropene	ND	4.3
Toluene	ND	4.3
trans-1,3-Dichloropropene	ND	4.3
1,1,2-Trichloroethane	ND	4.3
2-Hexanone	ND	8.5
1,3-Dichloropropane	ND	4.3
Tetrachloroethene	ND	4.3

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-14 (1 1/2-2)	Diln Fac:	0.8503
Lab ID:	230661-009	Batch#:	178567
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.3
1,2-Dibromoethane	ND	4.3
Chlorobenzene	ND	4.3
1,1,1,2-Tetrachloroethane	ND	4.3
Ethylbenzene	ND	4.3
m,p-Xylenes	ND	4.3
o-Xylene	ND	4.3
Styrene	ND	4.3
Bromoform	ND	4.3
Isopropylbenzene	ND	4.3
1,1,2,2-Tetrachloroethane	ND	4.3
1,2,3-Trichloropropane	ND	4.3
Propylbenzene	ND	4.3
Bromobenzene	ND	4.3
1,3,5-Trimethylbenzene	ND	4.3
2-Chlorotoluene	ND	4.3
4-Chlorotoluene	ND	4.3
tert-Butylbenzene	ND	4.3
1,2,4-Trimethylbenzene	ND	4.3
sec-Butylbenzene	ND	4.3
para-Isopropyl Toluene	ND	4.3
1,3-Dichlorobenzene	ND	4.3
1,4-Dichlorobenzene	ND	4.3
n-Butylbenzene	ND	4.3
1,2-Dichlorobenzene	ND	4.3
1,2-Dibromo-3-Chloropropane	ND	4.3
1,2,4-Trichlorobenzene	ND	4.3
Hexachlorobutadiene	ND	4.3
Naphthalene	ND	4.3
1,2,3-Trichlorobenzene	ND	4.3

Surrogate	%REC	Limits
Dibromofluoromethane	94	71-126
1,2-Dichloroethane-d4	78	74-130
Toluene-d8	98	80-120
Bromofluorobenzene	115	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-18 (0-1/2)	Diln Fac:	0.8929
Lab ID:	230661-010	Batch#:	178567
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.9
Chloromethane	ND	8.9
Vinyl Chloride	ND	8.9
Bromomethane	ND	8.9
Chloroethane	ND	8.9
Trichlorofluoromethane	ND	4.5
Acetone	ND	18
Freon 113	ND	4.5
1,1-Dichloroethene	ND	4.5
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.5
MTBE	ND	4.5
trans-1,2-Dichloroethene	ND	4.5
Vinyl Acetate	ND	45
1,1-Dichloroethane	ND	4.5
2-Butanone	ND	8.9
cis-1,2-Dichloroethene	ND	4.5
2,2-Dichloropropane	ND	4.5
Chloroform	ND	4.5
Bromochloromethane	ND	4.5
1,1,1-Trichloroethane	ND	4.5
1,1-Dichloropropene	ND	4.5
Carbon Tetrachloride	ND	4.5
1,2-Dichloroethane	ND	4.5
Benzene	ND	4.5
Trichloroethene	ND	4.5
1,2-Dichloropropane	ND	4.5
Bromodichloromethane	ND	4.5
Dibromomethane	ND	4.5
4-Methyl-2-Pentanone	ND	8.9
cis-1,3-Dichloropropene	ND	4.5
Toluene	ND	4.5
trans-1,3-Dichloropropene	ND	4.5
1,1,2-Trichloroethane	ND	4.5
2-Hexanone	ND	8.9
1,3-Dichloropropane	ND	4.5
Tetrachloroethene	ND	4.5
Dibromochloromethane	ND	4.5
1,2-Dibromoethane	ND	4.5
Chlorobenzene	ND	4.5
1,1,1,2-Tetrachloroethane	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5
Styrene	ND	4.5
Bromoform	ND	4.5
Isopropylbenzene	ND	4.5
1,1,2,2-Tetrachloroethane	ND	4.5
1,2,3-Trichloropropane	ND	4.5
Propylbenzene	ND	4.5
Bromobenzene	ND	4.5
1,3,5-Trimethylbenzene	ND	4.5
2-Chlorotoluene	ND	4.5

*= Value outside of QC limits; see narrative

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-18 (0-1/2)	Diln Fac:	0.8929
Lab ID:	230661-010	Batch#:	178567
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
4-Chlorotoluene	ND	4.5
tert-Butylbenzene	ND	4.5
1,2,4-Trimethylbenzene	ND	4.5
sec-Butylbenzene	ND	4.5
para-Isopropyl Toluene	ND	4.5
1,3-Dichlorobenzene	ND	4.5
1,4-Dichlorobenzene	ND	4.5
n-Butylbenzene	ND	4.5
1,2-Dichlorobenzene	ND	4.5
1,2-Dibromo-3-Chloropropane	ND	4.5
1,2,4-Trichlorobenzene	ND	4.5
Hexachlorobutadiene	ND	4.5
Naphthalene	ND	4.5
1,2,3-Trichlorobenzene	ND	4.5

Surrogate	%REC	Limits
Dibromofluoromethane	106	71-126
1,2-Dichloroethane-d4	83	74-130
Toluene-d8	107	80-120
Bromofluorobenzene	152 *	76-131

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit
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Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-18 (1 1/2-2)	Diln Fac:	0.8489
Lab ID:	230661-011	Batch#:	178567
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.5
Chloromethane	ND	8.5
Vinyl Chloride	ND	8.5
Bromomethane	ND	8.5
Chloroethane	ND	8.5
Trichlorofluoromethane	ND	4.2
Acetone	28	17
Freon 113	ND	4.2
1,1-Dichloroethene	ND	4.2
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.2
MTBE	ND	4.2
trans-1,2-Dichloroethene	ND	4.2
Vinyl Acetate	ND	42
1,1-Dichloroethane	ND	4.2
2-Butanone	9.2	8.5
cis-1,2-Dichloroethene	ND	4.2
2,2-Dichloropropane	ND	4.2
Chloroform	ND	4.2
Bromochloromethane	ND	4.2
1,1,1-Trichloroethane	ND	4.2
1,1-Dichloropropene	ND	4.2
Carbon Tetrachloride	ND	4.2
1,2-Dichloroethane	ND	4.2
Benzene	ND	4.2
Trichloroethene	ND	4.2
1,2-Dichloropropane	ND	4.2
Bromodichloromethane	ND	4.2
Dibromomethane	ND	4.2
4-Methyl-2-Pentanone	ND	8.5
cis-1,3-Dichloropropene	ND	4.2
Toluene	ND	4.2
trans-1,3-Dichloropropene	ND	4.2
1,1,2-Trichloroethane	ND	4.2
2-Hexanone	ND	8.5
1,3-Dichloropropane	ND	4.2
Tetrachloroethene	ND	4.2

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-18 (1 1/2-2)	Diln Fac:	0.8489
Lab ID:	230661-011	Batch#:	178567
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.2
1,2-Dibromoethane	ND	4.2
Chlorobenzene	ND	4.2
1,1,1,2-Tetrachloroethane	ND	4.2
Ethylbenzene	ND	4.2
m,p-Xylenes	ND	4.2
o-Xylene	ND	4.2
Styrene	ND	4.2
Bromoform	ND	4.2
Isopropylbenzene	ND	4.2
1,1,2,2-Tetrachloroethane	ND	4.2
1,2,3-Trichloropropane	ND	4.2
Propylbenzene	ND	4.2
Bromobenzene	ND	4.2
1,3,5-Trimethylbenzene	ND	4.2
2-Chlorotoluene	ND	4.2
4-Chlorotoluene	ND	4.2
tert-Butylbenzene	ND	4.2
1,2,4-Trimethylbenzene	ND	4.2
sec-Butylbenzene	ND	4.2
para-Isopropyl Toluene	ND	4.2
1,3-Dichlorobenzene	ND	4.2
1,4-Dichlorobenzene	ND	4.2
n-Butylbenzene	ND	4.2
1,2-Dichlorobenzene	ND	4.2
1,2-Dibromo-3-Chloropropane	ND	4.2
1,2,4-Trichlorobenzene	ND	4.2
Hexachlorobutadiene	ND	4.2
Naphthalene	ND	4.2
1,2,3-Trichlorobenzene	ND	4.2

Surrogate	%REC	Limits
Dibromofluoromethane	98	71-126
1,2-Dichloroethane-d4	82	74-130
Toluene-d8	104	80-120
Bromofluorobenzene	127	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5030B
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-2 (1-1 1/2)	Diln Fac:	0.9242
Lab ID:	230661-012	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Freon 12	ND	9.2
Chloromethane	ND	9.2
Vinyl Chloride	ND	9.2
Bromomethane	ND	9.2
Chloroethane	ND	9.2
Trichlorofluoromethane	ND	4.6
Acetone	ND	18
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.2
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.2
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.2
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5030B
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-2 (1-1 1/2)	Diln Fac:	0.9242
Lab ID:	230661-012	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	103	71-126
1,2-Dichloroethane-d4	96	74-130
Toluene-d8	96	80-120
Bromofluorobenzene	103	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-2 (2-2 1/2)	Diln Fac:	0.9174
Lab ID:	230661-013	Batch#:	178567
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	9.2
Chloromethane	ND	9.2
Vinyl Chloride	ND	9.2
Bromomethane	ND	9.2
Chloroethane	ND	9.2
Trichlorofluoromethane	ND	4.6
Acetone	48	18
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	15	9.2
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.2
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.2
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-2 (2-2 1/2)	Diln Fac:	0.9174
Lab ID:	230661-013	Batch#:	178567
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	97	71-126
1,2-Dichloroethane-d4	81	74-130
Toluene-d8	101	80-120
Bromofluorobenzene	112	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-3 (2-2 1/2)	Diln Fac:	0.8389
Lab ID:	230661-018	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Freon 12	ND	8.4
Chloromethane	ND	8.4
Vinyl Chloride	ND	8.4
Bromomethane	ND	8.4
Chloroethane	ND	8.4
Trichlorofluoromethane	ND	4.2
Acetone	ND	17
Freon 113	ND	4.2
1,1-Dichloroethene	ND	4.2
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.2
MTBE	ND	4.2
trans-1,2-Dichloroethene	ND	4.2
Vinyl Acetate	ND	42
1,1-Dichloroethane	ND	4.2
2-Butanone	ND	8.4
cis-1,2-Dichloroethene	ND	4.2
2,2-Dichloropropane	ND	4.2
Chloroform	ND	4.2
Bromochloromethane	ND	4.2
1,1,1-Trichloroethane	ND	4.2
1,1-Dichloropropene	ND	4.2
Carbon Tetrachloride	ND	4.2
1,2-Dichloroethane	ND	4.2
Benzene	ND	4.2
Trichloroethene	ND	4.2
1,2-Dichloropropane	ND	4.2
Bromodichloromethane	ND	4.2
Dibromomethane	ND	4.2
4-Methyl-2-Pentanone	ND	8.4
cis-1,3-Dichloropropene	ND	4.2
Toluene	ND	4.2
trans-1,3-Dichloropropene	ND	4.2
1,1,2-Trichloroethane	ND	4.2
2-Hexanone	ND	8.4
1,3-Dichloropropane	ND	4.2
Tetrachloroethene	ND	4.2

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-3 (2-2 1/2)	Diln Fac:	0.8389
Lab ID:	230661-018	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Dibromochloromethane	ND	4.2
1,2-Dibromoethane	ND	4.2
Chlorobenzene	ND	4.2
1,1,1,2-Tetrachloroethane	ND	4.2
Ethylbenzene	ND	4.2
m,p-Xylenes	ND	4.2
o-Xylene	ND	4.2
Styrene	ND	4.2
Bromoform	ND	4.2
Isopropylbenzene	ND	4.2
1,1,2,2-Tetrachloroethane	ND	4.2
1,2,3-Trichloropropane	ND	4.2
Propylbenzene	ND	4.2
Bromobenzene	ND	4.2
1,3,5-Trimethylbenzene	ND	4.2
2-Chlorotoluene	ND	4.2
4-Chlorotoluene	ND	4.2
tert-Butylbenzene	ND	4.2
1,2,4-Trimethylbenzene	ND	4.2
sec-Butylbenzene	ND	4.2
para-Isopropyl Toluene	ND	4.2
1,3-Dichlorobenzene	ND	4.2
1,4-Dichlorobenzene	ND	4.2
n-Butylbenzene	ND	4.2
1,2-Dichlorobenzene	ND	4.2
1,2-Dibromo-3-Chloropropane	ND	4.2
1,2,4-Trichlorobenzene	ND	4.2
Hexachlorobutadiene	ND	4.2
Naphthalene	ND	4.2
1,2,3-Trichlorobenzene	ND	4.2

Surrogate	%REC	Limits
Dibromofluoromethane	99	71-126
1,2-Dichloroethane-d4	91	74-130
Toluene-d8	101	80-120
Bromofluorobenzene	104	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-3 (1/2-1)	Diln Fac:	0.8666
Lab ID:	230661-019	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Freon 12	ND	8.7
Chloromethane	ND	8.7
Vinyl Chloride	ND	8.7
Bromomethane	ND	8.7
Chloroethane	ND	8.7
Trichlorofluoromethane	ND	4.3
Acetone	ND	17
Freon 113	ND	4.3
1,1-Dichloroethene	ND	4.3
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.3
MTBE	ND	4.3
trans-1,2-Dichloroethene	ND	4.3
Vinyl Acetate	ND	43
1,1-Dichloroethane	ND	4.3
2-Butanone	ND	8.7
cis-1,2-Dichloroethene	ND	4.3
2,2-Dichloropropane	ND	4.3
Chloroform	ND	4.3
Bromochloromethane	ND	4.3
1,1,1-Trichloroethane	ND	4.3
1,1-Dichloropropene	ND	4.3
Carbon Tetrachloride	ND	4.3
1,2-Dichloroethane	ND	4.3
Benzene	ND	4.3
Trichloroethene	ND	4.3
1,2-Dichloropropane	ND	4.3
Bromodichloromethane	ND	4.3
Dibromomethane	ND	4.3
4-Methyl-2-Pentanone	ND	8.7
cis-1,3-Dichloropropene	ND	4.3
Toluene	ND	4.3
trans-1,3-Dichloropropene	ND	4.3
1,1,2-Trichloroethane	ND	4.3
2-Hexanone	ND	8.7
1,3-Dichloropropane	ND	4.3
Tetrachloroethene	ND	4.3

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-3 (1/2-1)	Diln Fac:	0.8666
Lab ID:	230661-019	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Dibromochloromethane	ND	4.3
1,2-Dibromoethane	ND	4.3
Chlorobenzene	ND	4.3
1,1,1,2-Tetrachloroethane	ND	4.3
Ethylbenzene	ND	4.3
m,p-Xylenes	ND	4.3
o-Xylene	ND	4.3
Styrene	ND	4.3
Bromoform	ND	4.3
Isopropylbenzene	ND	4.3
1,1,2,2-Tetrachloroethane	ND	4.3
1,2,3-Trichloropropane	ND	4.3
Propylbenzene	ND	4.3
Bromobenzene	ND	4.3
1,3,5-Trimethylbenzene	ND	4.3
2-Chlorotoluene	ND	4.3
4-Chlorotoluene	ND	4.3
tert-Butylbenzene	ND	4.3
1,2,4-Trimethylbenzene	ND	4.3
sec-Butylbenzene	ND	4.3
para-Isopropyl Toluene	ND	4.3
1,3-Dichlorobenzene	ND	4.3
1,4-Dichlorobenzene	ND	4.3
n-Butylbenzene	ND	4.3
1,2-Dichlorobenzene	ND	4.3
1,2-Dibromo-3-Chloropropane	ND	4.3
1,2,4-Trichlorobenzene	ND	4.3
Hexachlorobutadiene	ND	4.3
Naphthalene	ND	4.3
1,2,3-Trichlorobenzene	ND	4.3

Surrogate	%REC	Limits
Dibromofluoromethane	104	71-126
1,2-Dichloroethane-d4	96	74-130
Toluene-d8	99	80-120
Bromofluorobenzene	106	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-4 (2-2 1/2)	Diln Fac:	0.7669
Lab ID:	230661-022	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Freon 12	ND	7.7
Chloromethane	ND	7.7
Vinyl Chloride	ND	7.7
Bromomethane	ND	7.7
Chloroethane	ND	7.7
Trichlorofluoromethane	ND	3.8
Acetone	ND	15
Freon 113	ND	3.8
1,1-Dichloroethene	ND	3.8
Methylene Chloride	ND	15
Carbon Disulfide	ND	3.8
MTBE	ND	3.8
trans-1,2-Dichloroethene	ND	3.8
Vinyl Acetate	ND	38
1,1-Dichloroethane	ND	3.8
2-Butanone	ND	7.7
cis-1,2-Dichloroethene	ND	3.8
2,2-Dichloropropane	ND	3.8
Chloroform	ND	3.8
Bromochloromethane	ND	3.8
1,1,1-Trichloroethane	ND	3.8
1,1-Dichloropropene	ND	3.8
Carbon Tetrachloride	ND	3.8
1,2-Dichloroethane	ND	3.8
Benzene	ND	3.8
Trichloroethene	ND	3.8
1,2-Dichloropropane	ND	3.8
Bromodichloromethane	ND	3.8
Dibromomethane	ND	3.8
4-Methyl-2-Pentanone	ND	7.7
cis-1,3-Dichloropropene	ND	3.8
Toluene	ND	3.8
trans-1,3-Dichloropropene	ND	3.8
1,1,2-Trichloroethane	ND	3.8
2-Hexanone	ND	7.7
1,3-Dichloropropane	ND	3.8
Tetrachloroethene	ND	3.8

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-4 (2-2 1/2)	Diln Fac:	0.7669
Lab ID:	230661-022	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Dibromochloromethane	ND	3.8
1,2-Dibromoethane	ND	3.8
Chlorobenzene	ND	3.8
1,1,1,2-Tetrachloroethane	ND	3.8
Ethylbenzene	ND	3.8
m,p-Xylenes	ND	3.8
o-Xylene	ND	3.8
Styrene	ND	3.8
Bromoform	ND	3.8
Isopropylbenzene	ND	3.8
1,1,2,2-Tetrachloroethane	ND	3.8
1,2,3-Trichloropropane	ND	3.8
Propylbenzene	ND	3.8
Bromobenzene	ND	3.8
1,3,5-Trimethylbenzene	ND	3.8
2-Chlorotoluene	ND	3.8
4-Chlorotoluene	ND	3.8
tert-Butylbenzene	ND	3.8
1,2,4-Trimethylbenzene	ND	3.8
sec-Butylbenzene	ND	3.8
para-Isopropyl Toluene	ND	3.8
1,3-Dichlorobenzene	ND	3.8
1,4-Dichlorobenzene	ND	3.8
n-Butylbenzene	ND	3.8
1,2-Dichlorobenzene	ND	3.8
1,2-Dibromo-3-Chloropropane	ND	3.8
1,2,4-Trichlorobenzene	ND	3.8
Hexachlorobutadiene	ND	3.8
Naphthalene	ND	3.8
1,2,3-Trichlorobenzene	ND	3.8

Surrogate	%REC	Limits
Dibromofluoromethane	107	71-126
1,2-Dichloroethane-d4	101	74-130
Toluene-d8	100	80-120
Bromofluorobenzene	104	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-4 (1/2-1)	Diln Fac:	1.055
Lab ID:	230661-023	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Freon 12	ND	11
Chloromethane	ND	11
Vinyl Chloride	ND	11
Bromomethane	ND	11
Chloroethane	ND	11
Trichlorofluoromethane	ND	5.3
Acetone	ND	21
Freon 113	ND	5.3
1,1-Dichloroethene	ND	5.3
Methylene Chloride	ND	21
Carbon Disulfide	ND	5.3
MTBE	ND	5.3
trans-1,2-Dichloroethene	ND	5.3
Vinyl Acetate	ND	53
1,1-Dichloroethane	ND	5.3
2-Butanone	ND	11
cis-1,2-Dichloroethene	ND	5.3
2,2-Dichloropropane	ND	5.3
Chloroform	ND	5.3
Bromochloromethane	ND	5.3
1,1,1-Trichloroethane	ND	5.3
1,1-Dichloropropene	ND	5.3
Carbon Tetrachloride	ND	5.3
1,2-Dichloroethane	ND	5.3
Benzene	ND	5.3
Trichloroethene	ND	5.3
1,2-Dichloropropane	ND	5.3
Bromodichloromethane	ND	5.3
Dibromomethane	ND	5.3
4-Methyl-2-Pentanone	ND	11
cis-1,3-Dichloropropene	ND	5.3
Toluene	ND	5.3
trans-1,3-Dichloropropene	ND	5.3
1,1,2-Trichloroethane	ND	5.3
2-Hexanone	ND	11
1,3-Dichloropropane	ND	5.3
Tetrachloroethene	ND	5.3

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-4 (1/2-1)	Diln Fac:	1.055
Lab ID:	230661-023	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Dibromochloromethane	ND	5.3
1,2-Dibromoethane	ND	5.3
Chlorobenzene	ND	5.3
1,1,1,2-Tetrachloroethane	ND	5.3
Ethylbenzene	ND	5.3
m,p-Xylenes	ND	5.3
o-Xylene	ND	5.3
Styrene	ND	5.3
Bromoform	ND	5.3
Isopropylbenzene	ND	5.3
1,1,2,2-Tetrachloroethane	ND	5.3
1,2,3-Trichloropropane	ND	5.3
Propylbenzene	ND	5.3
Bromobenzene	ND	5.3
1,3,5-Trimethylbenzene	ND	5.3
2-Chlorotoluene	ND	5.3
4-Chlorotoluene	ND	5.3
tert-Butylbenzene	ND	5.3
1,2,4-Trimethylbenzene	ND	5.3
sec-Butylbenzene	ND	5.3
para-Isopropyl Toluene	ND	5.3
1,3-Dichlorobenzene	ND	5.3
1,4-Dichlorobenzene	ND	5.3
n-Butylbenzene	ND	5.3
1,2-Dichlorobenzene	ND	5.3
1,2-Dibromo-3-Chloropropane	ND	5.3
1,2,4-Trichlorobenzene	ND	5.3
Hexachlorobutadiene	ND	5.3
Naphthalene	ND	5.3
1,2,3-Trichlorobenzene	ND	5.3

Surrogate	%REC	Limits
Dibromofluoromethane	104	71-126
1,2-Dichloroethane-d4	99	74-130
Toluene-d8	96	80-120
Bromofluorobenzene	107	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-5 (2-2 1/2)	Diln Fac:	0.8865
Lab ID:	230661-026	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Freon 12	ND	8.9
Chloromethane	ND	8.9
Vinyl Chloride	ND	8.9
Bromomethane	ND	8.9
Chloroethane	ND	8.9
Trichlorofluoromethane	ND	4.4
Acetone	ND	18
Freon 113	ND	4.4
1,1-Dichloroethene	ND	4.4
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.4
MTBE	ND	4.4
trans-1,2-Dichloroethene	ND	4.4
Vinyl Acetate	ND	44
1,1-Dichloroethane	ND	4.4
2-Butanone	ND	8.9
cis-1,2-Dichloroethene	ND	4.4
2,2-Dichloropropane	ND	4.4
Chloroform	ND	4.4
Bromochloromethane	ND	4.4
1,1,1-Trichloroethane	ND	4.4
1,1-Dichloropropene	ND	4.4
Carbon Tetrachloride	ND	4.4
1,2-Dichloroethane	ND	4.4
Benzene	ND	4.4
Trichloroethene	ND	4.4
1,2-Dichloropropane	ND	4.4
Bromodichloromethane	ND	4.4
Dibromomethane	ND	4.4
4-Methyl-2-Pentanone	ND	8.9
cis-1,3-Dichloropropene	ND	4.4
Toluene	ND	4.4
trans-1,3-Dichloropropene	ND	4.4
1,1,2-Trichloroethane	ND	4.4
2-Hexanone	ND	8.9
1,3-Dichloropropane	ND	4.4
Tetrachloroethene	ND	4.4

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-5 (2-2 1/2)	Diln Fac:	0.8865
Lab ID:	230661-026	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Dibromochloromethane	ND	4.4
1,2-Dibromoethane	ND	4.4
Chlorobenzene	ND	4.4
1,1,1,2-Tetrachloroethane	ND	4.4
Ethylbenzene	ND	4.4
m,p-Xylenes	ND	4.4
o-Xylene	ND	4.4
Styrene	ND	4.4
Bromoform	ND	4.4
Isopropylbenzene	ND	4.4
1,1,2,2-Tetrachloroethane	ND	4.4
1,2,3-Trichloropropane	ND	4.4
Propylbenzene	ND	4.4
Bromobenzene	ND	4.4
1,3,5-Trimethylbenzene	ND	4.4
2-Chlorotoluene	ND	4.4
4-Chlorotoluene	ND	4.4
tert-Butylbenzene	ND	4.4
1,2,4-Trimethylbenzene	ND	4.4
sec-Butylbenzene	ND	4.4
para-Isopropyl Toluene	ND	4.4
1,3-Dichlorobenzene	ND	4.4
1,4-Dichlorobenzene	ND	4.4
n-Butylbenzene	ND	4.4
1,2-Dichlorobenzene	ND	4.4
1,2-Dibromo-3-Chloropropane	ND	4.4
1,2,4-Trichlorobenzene	ND	4.4
Hexachlorobutadiene	ND	4.4
Naphthalene	ND	4.4
1,2,3-Trichlorobenzene	ND	4.4

Surrogate	%REC	Limits
Dibromofluoromethane	104	71-126
1,2-Dichloroethane-d4	102	74-130
Toluene-d8	105	80-120
Bromofluorobenzene	105	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-5 (1/2-1)	Diln Fac:	0.8078
Lab ID:	230661-027	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Freon 12	ND	8.1
Chloromethane	ND	8.1
Vinyl Chloride	ND	8.1
Bromomethane	ND	8.1
Chloroethane	ND	8.1
Trichlorofluoromethane	ND	4.0
Acetone	ND	16
Freon 113	ND	4.0
1,1-Dichloroethene	ND	4.0
Methylene Chloride	ND	16
Carbon Disulfide	ND	4.0
MTBE	ND	4.0
trans-1,2-Dichloroethene	ND	4.0
Vinyl Acetate	ND	40
1,1-Dichloroethane	ND	4.0
2-Butanone	ND	8.1
cis-1,2-Dichloroethene	ND	4.0
2,2-Dichloropropane	ND	4.0
Chloroform	ND	4.0
Bromochloromethane	ND	4.0
1,1,1-Trichloroethane	ND	4.0
1,1-Dichloropropene	ND	4.0
Carbon Tetrachloride	ND	4.0
1,2-Dichloroethane	ND	4.0
Benzene	ND	4.0
Trichloroethene	ND	4.0
1,2-Dichloropropane	ND	4.0
Bromodichloromethane	ND	4.0
Dibromomethane	ND	4.0
4-Methyl-2-Pentanone	ND	8.1
cis-1,3-Dichloropropene	ND	4.0
Toluene	ND	4.0
trans-1,3-Dichloropropene	ND	4.0
1,1,2-Trichloroethane	ND	4.0
2-Hexanone	ND	8.1
1,3-Dichloropropane	ND	4.0
Tetrachloroethene	ND	4.0

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-5 (1/2-1)	Diln Fac:	0.8078
Lab ID:	230661-027	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Dibromochloromethane	ND	4.0
1,2-Dibromoethane	ND	4.0
Chlorobenzene	ND	4.0
1,1,1,2-Tetrachloroethane	ND	4.0
Ethylbenzene	ND	4.0
m,p-Xylenes	ND	4.0
o-Xylene	ND	4.0
Styrene	ND	4.0
Bromoform	ND	4.0
Isopropylbenzene	ND	4.0
1,1,2,2-Tetrachloroethane	ND	4.0
1,2,3-Trichloropropane	ND	4.0
Propylbenzene	ND	4.0
Bromobenzene	ND	4.0
1,3,5-Trimethylbenzene	ND	4.0
2-Chlorotoluene	ND	4.0
4-Chlorotoluene	ND	4.0
tert-Butylbenzene	ND	4.0
1,2,4-Trimethylbenzene	ND	4.0
sec-Butylbenzene	ND	4.0
para-Isopropyl Toluene	ND	4.0
1,3-Dichlorobenzene	ND	4.0
1,4-Dichlorobenzene	ND	4.0
n-Butylbenzene	ND	4.0
1,2-Dichlorobenzene	ND	4.0
1,2-Dibromo-3-Chloropropane	ND	4.0
1,2,4-Trichlorobenzene	ND	4.0
Hexachlorobutadiene	ND	4.0
Naphthalene	ND	4.0
1,2,3-Trichlorobenzene	ND	4.0

Surrogate	%REC	Limits
Dibromofluoromethane	105	71-126
1,2-Dichloroethane-d4	101	74-130
Toluene-d8	97	80-120
Bromofluorobenzene	106	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-6 (2-2 1/2)	Diln Fac:	0.8961
Lab ID:	230661-029	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Freon 12	ND	9.0
Chloromethane	ND	9.0
Vinyl Chloride	ND	9.0
Bromomethane	ND	9.0
Chloroethane	ND	9.0
Trichlorofluoromethane	ND	4.5
Acetone	ND	18
Freon 113	ND	4.5
1,1-Dichloroethene	ND	4.5
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.5
MTBE	ND	4.5
trans-1,2-Dichloroethene	ND	4.5
Vinyl Acetate	ND	45
1,1-Dichloroethane	ND	4.5
2-Butanone	ND	9.0
cis-1,2-Dichloroethene	ND	4.5
2,2-Dichloropropane	ND	4.5
Chloroform	ND	4.5
Bromochloromethane	ND	4.5
1,1,1-Trichloroethane	ND	4.5
1,1-Dichloropropene	ND	4.5
Carbon Tetrachloride	ND	4.5
1,2-Dichloroethane	ND	4.5
Benzene	ND	4.5
Trichloroethene	ND	4.5
1,2-Dichloropropane	ND	4.5
Bromodichloromethane	ND	4.5
Dibromomethane	ND	4.5
4-Methyl-2-Pentanone	ND	9.0
cis-1,3-Dichloropropene	ND	4.5
Toluene	ND	4.5
trans-1,3-Dichloropropene	ND	4.5
1,1,2-Trichloroethane	ND	4.5
2-Hexanone	ND	9.0
1,3-Dichloropropane	ND	4.5
Tetrachloroethene	ND	4.5

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-6 (2-2 1/2)	Diln Fac:	0.8961
Lab ID:	230661-029	Batch#:	178514
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/01/11

Analyte	Result	RL
Dibromochloromethane	ND	4.5
1,2-Dibromoethane	ND	4.5
Chlorobenzene	ND	4.5
1,1,1,2-Tetrachloroethane	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5
Styrene	ND	4.5
Bromoform	ND	4.5
Isopropylbenzene	ND	4.5
1,1,2,2-Tetrachloroethane	ND	4.5
1,2,3-Trichloropropane	ND	4.5
Propylbenzene	ND	4.5
Bromobenzene	ND	4.5
1,3,5-Trimethylbenzene	ND	4.5
2-Chlorotoluene	ND	4.5
4-Chlorotoluene	ND	4.5
tert-Butylbenzene	ND	4.5
1,2,4-Trimethylbenzene	ND	4.5
sec-Butylbenzene	ND	4.5
para-Isopropyl Toluene	ND	4.5
1,3-Dichlorobenzene	ND	4.5
1,4-Dichlorobenzene	ND	4.5
n-Butylbenzene	ND	4.5
1,2-Dichlorobenzene	ND	4.5
1,2-Dibromo-3-Chloropropane	ND	4.5
1,2,4-Trichlorobenzene	ND	4.5
Hexachlorobutadiene	ND	4.5
Naphthalene	ND	4.5
1,2,3-Trichlorobenzene	ND	4.5

Surrogate	%REC	Limits
Dibromofluoromethane	115	71-126
1,2-Dichloroethane-d4	104	74-130
Toluene-d8	111	80-120
Bromofluorobenzene	118	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-6 (1-1 1/2)	Diln Fac:	0.9259
Lab ID:	230661-030	Batch#:	178567
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	9.3
Chloromethane	ND	9.3
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Chloroethane	ND	9.3
Trichlorofluoromethane	ND	4.6
Acetone	ND	19
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-6 (1-1 1/2)	Diln Fac:	0.9259
Lab ID:	230661-030	Batch#:	178567
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	96	71-126
1,2-Dichloroethane-d4	78	74-130
Toluene-d8	102	80-120
Bromofluorobenzene	103	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-7 (3-3 1/2)	Diln Fac:	0.8065
Lab ID:	230661-033	Batch#:	178567
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.1
Chloromethane	ND	8.1
Vinyl Chloride	ND	8.1
Bromomethane	ND	8.1
Chloroethane	ND	8.1
Trichlorofluoromethane	ND	4.0
Acetone	ND	16
Freon 113	ND	4.0
1,1-Dichloroethene	ND	4.0
Methylene Chloride	ND	16
Carbon Disulfide	ND	4.0
MTBE	ND	4.0
trans-1,2-Dichloroethene	ND	4.0
Vinyl Acetate	ND	40
1,1-Dichloroethane	ND	4.0
2-Butanone	ND	8.1
cis-1,2-Dichloroethene	ND	4.0
2,2-Dichloropropane	ND	4.0
Chloroform	ND	4.0
Bromochloromethane	ND	4.0
1,1,1-Trichloroethane	ND	4.0
1,1-Dichloropropene	ND	4.0
Carbon Tetrachloride	ND	4.0
1,2-Dichloroethane	ND	4.0
Benzene	ND	4.0
Trichloroethene	ND	4.0
1,2-Dichloropropane	ND	4.0
Bromodichloromethane	ND	4.0
Dibromomethane	ND	4.0
4-Methyl-2-Pentanone	ND	8.1
cis-1,3-Dichloropropene	ND	4.0
Toluene	ND	4.0
trans-1,3-Dichloropropene	ND	4.0
1,1,2-Trichloroethane	ND	4.0
2-Hexanone	ND	8.1
1,3-Dichloropropane	ND	4.0
Tetrachloroethene	ND	4.0

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-7 (3-3 1/2)	Diln Fac:	0.8065
Lab ID:	230661-033	Batch#:	178567
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.0
1,2-Dibromoethane	ND	4.0
Chlorobenzene	ND	4.0
1,1,1,2-Tetrachloroethane	ND	4.0
Ethylbenzene	ND	4.0
m,p-Xylenes	ND	4.0
o-Xylene	ND	4.0
Styrene	ND	4.0
Bromoform	ND	4.0
Isopropylbenzene	ND	4.0
1,1,2,2-Tetrachloroethane	ND	4.0
1,2,3-Trichloropropane	ND	4.0
Propylbenzene	ND	4.0
Bromobenzene	ND	4.0
1,3,5-Trimethylbenzene	ND	4.0
2-Chlorotoluene	ND	4.0
4-Chlorotoluene	ND	4.0
tert-Butylbenzene	ND	4.0
1,2,4-Trimethylbenzene	ND	4.0
sec-Butylbenzene	ND	4.0
para-Isopropyl Toluene	ND	4.0
1,3-Dichlorobenzene	ND	4.0
1,4-Dichlorobenzene	ND	4.0
n-Butylbenzene	ND	4.0
1,2-Dichlorobenzene	ND	4.0
1,2-Dibromo-3-Chloropropane	ND	4.0
1,2,4-Trichlorobenzene	ND	4.0
Hexachlorobutadiene	ND	4.0
Naphthalene	ND	4.0
1,2,3-Trichlorobenzene	ND	4.0

Surrogate	%REC	Limits
Dibromofluoromethane	100	71-126
1,2-Dichloroethane-d4	80	74-130
Toluene-d8	98	80-120
Bromofluorobenzene	109	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-7 (2-2 1/2)	Diln Fac:	0.9363
Lab ID:	230661-034	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-7 (2-2 1/2)	Diln Fac:	0.9363
Lab ID:	230661-034	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	102	71-126
1,2-Dichloroethane-d4	99	74-130
Toluene-d8	102	80-120
Bromofluorobenzene	104	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-7 (1-1 1/2)	Diln Fac:	0.9381
Lab ID:	230661-035	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-7 (1-1 1/2)	Diln Fac:	0.9381
Lab ID:	230661-035	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	100	71-126
1,2-Dichloroethane-d4	99	74-130
Toluene-d8	95	80-120
Bromofluorobenzene	93	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-13 (3-3 1/2)	Diln Fac:	0.8576
Lab ID:	230661-037	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.6
Chloromethane	ND	8.6
Vinyl Chloride	ND	8.6
Bromomethane	ND	8.6
Chloroethane	ND	8.6
Trichlorofluoromethane	ND	4.3
Acetone	ND	17
Freon 113	ND	4.3
1,1-Dichloroethene	ND	4.3
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.3
MTBE	ND	4.3
trans-1,2-Dichloroethene	ND	4.3
Vinyl Acetate	ND	43
1,1-Dichloroethane	ND	4.3
2-Butanone	ND	8.6
cis-1,2-Dichloroethene	ND	4.3
2,2-Dichloropropane	ND	4.3
Chloroform	ND	4.3
Bromochloromethane	ND	4.3
1,1,1-Trichloroethane	ND	4.3
1,1-Dichloropropene	ND	4.3
Carbon Tetrachloride	ND	4.3
1,2-Dichloroethane	ND	4.3
Benzene	ND	4.3
Trichloroethene	ND	4.3
1,2-Dichloropropane	ND	4.3
Bromodichloromethane	ND	4.3
Dibromomethane	ND	4.3
4-Methyl-2-Pentanone	ND	8.6
cis-1,3-Dichloropropene	ND	4.3
Toluene	ND	4.3
trans-1,3-Dichloropropene	ND	4.3
1,1,2-Trichloroethane	ND	4.3
2-Hexanone	ND	8.6
1,3-Dichloropropane	ND	4.3
Tetrachloroethene	ND	4.3

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-13 (3-3 1/2)	Diln Fac:	0.8576
Lab ID:	230661-037	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.3
1,2-Dibromoethane	ND	4.3
Chlorobenzene	ND	4.3
1,1,1,2-Tetrachloroethane	ND	4.3
Ethylbenzene	ND	4.3
m,p-Xylenes	ND	4.3
o-Xylene	ND	4.3
Styrene	ND	4.3
Bromoform	ND	4.3
Isopropylbenzene	ND	4.3
1,1,2,2-Tetrachloroethane	ND	4.3
1,2,3-Trichloropropane	ND	4.3
Propylbenzene	ND	4.3
Bromobenzene	ND	4.3
1,3,5-Trimethylbenzene	ND	4.3
2-Chlorotoluene	ND	4.3
4-Chlorotoluene	ND	4.3
tert-Butylbenzene	ND	4.3
1,2,4-Trimethylbenzene	ND	4.3
sec-Butylbenzene	ND	4.3
para-Isopropyl Toluene	ND	4.3
1,3-Dichlorobenzene	ND	4.3
1,4-Dichlorobenzene	ND	4.3
n-Butylbenzene	ND	4.3
1,2-Dichlorobenzene	ND	4.3
1,2-Dibromo-3-Chloropropane	ND	4.3
1,2,4-Trichlorobenzene	ND	4.3
Hexachlorobutadiene	ND	4.3
Naphthalene	ND	4.3
1,2,3-Trichlorobenzene	ND	4.3

Surrogate	%REC	Limits
Dibromofluoromethane	101	71-126
1,2-Dichloroethane-d4	98	74-130
Toluene-d8	100	80-120
Bromofluorobenzene	101	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-13 (2-2 1/2)	Diln Fac:	0.8850
Lab ID:	230661-038	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.8
Chloromethane	ND	8.8
Vinyl Chloride	ND	8.8
Bromomethane	ND	8.8
Chloroethane	ND	8.8
Trichlorofluoromethane	ND	4.4
Acetone	ND	18
Freon 113	ND	4.4
1,1-Dichloroethene	ND	4.4
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.4
MTBE	ND	4.4
trans-1,2-Dichloroethene	ND	4.4
Vinyl Acetate	ND	44
1,1-Dichloroethane	ND	4.4
2-Butanone	ND	8.8
cis-1,2-Dichloroethene	ND	4.4
2,2-Dichloropropane	ND	4.4
Chloroform	ND	4.4
Bromochloromethane	ND	4.4
1,1,1-Trichloroethane	ND	4.4
1,1-Dichloropropene	ND	4.4
Carbon Tetrachloride	ND	4.4
1,2-Dichloroethane	ND	4.4
Benzene	ND	4.4
Trichloroethene	ND	4.4
1,2-Dichloropropane	ND	4.4
Bromodichloromethane	ND	4.4
Dibromomethane	ND	4.4
4-Methyl-2-Pentanone	ND	8.8
cis-1,3-Dichloropropene	ND	4.4
Toluene	ND	4.4
trans-1,3-Dichloropropene	ND	4.4
1,1,2-Trichloroethane	ND	4.4
2-Hexanone	ND	8.8
1,3-Dichloropropane	ND	4.4
Tetrachloroethene	ND	4.4

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-13 (2-2 1/2)	Diln Fac:	0.8850
Lab ID:	230661-038	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.4
1,2-Dibromoethane	ND	4.4
Chlorobenzene	ND	4.4
1,1,1,2-Tetrachloroethane	ND	4.4
Ethylbenzene	ND	4.4
m,p-Xylenes	ND	4.4
o-Xylene	ND	4.4
Styrene	ND	4.4
Bromoform	ND	4.4
Isopropylbenzene	ND	4.4
1,1,2,2-Tetrachloroethane	ND	4.4
1,2,3-Trichloropropane	ND	4.4
Propylbenzene	ND	4.4
Bromobenzene	ND	4.4
1,3,5-Trimethylbenzene	ND	4.4
2-Chlorotoluene	ND	4.4
4-Chlorotoluene	ND	4.4
tert-Butylbenzene	ND	4.4
1,2,4-Trimethylbenzene	ND	4.4
sec-Butylbenzene	ND	4.4
para-Isopropyl Toluene	ND	4.4
1,3-Dichlorobenzene	ND	4.4
1,4-Dichlorobenzene	ND	4.4
n-Butylbenzene	ND	4.4
1,2-Dichlorobenzene	ND	4.4
1,2-Dibromo-3-Chloropropane	ND	4.4
1,2,4-Trichlorobenzene	ND	4.4
Hexachlorobutadiene	ND	4.4
Naphthalene	ND	4.4
1,2,3-Trichlorobenzene	ND	4.4

Surrogate	%REC	Limits
Dibromofluoromethane	104	71-126
1,2-Dichloroethane-d4	101	74-130
Toluene-d8	99	80-120
Bromofluorobenzene	99	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-12 (2-2 1/2)	Diln Fac:	0.8696
Lab ID:	230661-042	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.7
Chloromethane	ND	8.7
Vinyl Chloride	ND	8.7
Bromomethane	ND	8.7
Chloroethane	ND	8.7
Trichlorofluoromethane	ND	4.3
Acetone	ND	17
Freon 113	ND	4.3
1,1-Dichloroethene	ND	4.3
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.3
MTBE	ND	4.3
trans-1,2-Dichloroethene	ND	4.3
Vinyl Acetate	ND	43
1,1-Dichloroethane	ND	4.3
2-Butanone	ND	8.7
cis-1,2-Dichloroethene	ND	4.3
2,2-Dichloropropane	ND	4.3
Chloroform	ND	4.3
Bromochloromethane	ND	4.3
1,1,1-Trichloroethane	ND	4.3
1,1-Dichloropropene	ND	4.3
Carbon Tetrachloride	ND	4.3
1,2-Dichloroethane	ND	4.3
Benzene	ND	4.3
Trichloroethene	ND	4.3
1,2-Dichloropropane	ND	4.3
Bromodichloromethane	ND	4.3
Dibromomethane	ND	4.3
4-Methyl-2-Pentanone	ND	8.7
cis-1,3-Dichloropropene	ND	4.3
Toluene	ND	4.3
trans-1,3-Dichloropropene	ND	4.3
1,1,2-Trichloroethane	ND	4.3
2-Hexanone	ND	8.7
1,3-Dichloropropane	ND	4.3
Tetrachloroethene	ND	4.3

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-12 (2-2 1/2)	Diln Fac:	0.8696
Lab ID:	230661-042	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.3
1,2-Dibromoethane	ND	4.3
Chlorobenzene	ND	4.3
1,1,1,2-Tetrachloroethane	ND	4.3
Ethylbenzene	ND	4.3
m,p-Xylenes	ND	4.3
o-Xylene	ND	4.3
Styrene	ND	4.3
Bromoform	ND	4.3
Isopropylbenzene	ND	4.3
1,1,2,2-Tetrachloroethane	ND	4.3
1,2,3-Trichloropropane	ND	4.3
Propylbenzene	ND	4.3
Bromobenzene	ND	4.3
1,3,5-Trimethylbenzene	ND	4.3
2-Chlorotoluene	ND	4.3
4-Chlorotoluene	ND	4.3
tert-Butylbenzene	ND	4.3
1,2,4-Trimethylbenzene	ND	4.3
sec-Butylbenzene	ND	4.3
para-Isopropyl Toluene	ND	4.3
1,3-Dichlorobenzene	ND	4.3
1,4-Dichlorobenzene	ND	4.3
n-Butylbenzene	ND	4.3
1,2-Dichlorobenzene	ND	4.3
1,2-Dibromo-3-Chloropropane	ND	4.3
1,2,4-Trichlorobenzene	ND	4.3
Hexachlorobutadiene	ND	4.3
Naphthalene	ND	4.3
1,2,3-Trichlorobenzene	ND	4.3

Surrogate	%REC	Limits
Dibromofluoromethane	104	71-126
1,2-Dichloroethane-d4	102	74-130
Toluene-d8	104	80-120
Bromofluorobenzene	103	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-12 (1/2-1)	Diln Fac:	0.8591
Lab ID:	230661-043	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.6
Chloromethane	ND	8.6
Vinyl Chloride	ND	8.6
Bromomethane	ND	8.6
Chloroethane	ND	8.6
Trichlorofluoromethane	ND	4.3
Acetone	ND	17
Freon 113	ND	4.3
1,1-Dichloroethene	ND	4.3
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.3
MTBE	ND	4.3
trans-1,2-Dichloroethene	ND	4.3
Vinyl Acetate	ND	43
1,1-Dichloroethane	ND	4.3
2-Butanone	ND	8.6
cis-1,2-Dichloroethene	ND	4.3
2,2-Dichloropropane	ND	4.3
Chloroform	ND	4.3
Bromochloromethane	ND	4.3
1,1,1-Trichloroethane	ND	4.3
1,1-Dichloropropene	ND	4.3
Carbon Tetrachloride	ND	4.3
1,2-Dichloroethane	ND	4.3
Benzene	ND	4.3
Trichloroethene	ND	4.3
1,2-Dichloropropane	ND	4.3
Bromodichloromethane	ND	4.3
Dibromomethane	ND	4.3
4-Methyl-2-Pentanone	ND	8.6
cis-1,3-Dichloropropene	ND	4.3
Toluene	ND	4.3
trans-1,3-Dichloropropene	ND	4.3
1,1,2-Trichloroethane	ND	4.3
2-Hexanone	ND	8.6
1,3-Dichloropropane	ND	4.3
Tetrachloroethene	ND	4.3

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-12 (1/2-1)	Diln Fac:	0.8591
Lab ID:	230661-043	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.3
1,2-Dibromoethane	ND	4.3
Chlorobenzene	ND	4.3
1,1,1,2-Tetrachloroethane	ND	4.3
Ethylbenzene	ND	4.3
m,p-Xylenes	ND	4.3
o-Xylene	ND	4.3
Styrene	ND	4.3
Bromoform	ND	4.3
Isopropylbenzene	ND	4.3
1,1,2,2-Tetrachloroethane	ND	4.3
1,2,3-Trichloropropane	ND	4.3
Propylbenzene	ND	4.3
Bromobenzene	ND	4.3
1,3,5-Trimethylbenzene	ND	4.3
2-Chlorotoluene	ND	4.3
4-Chlorotoluene	ND	4.3
tert-Butylbenzene	ND	4.3
1,2,4-Trimethylbenzene	ND	4.3
sec-Butylbenzene	ND	4.3
para-Isopropyl Toluene	ND	4.3
1,3-Dichlorobenzene	ND	4.3
1,4-Dichlorobenzene	ND	4.3
n-Butylbenzene	ND	4.3
1,2-Dichlorobenzene	ND	4.3
1,2-Dibromo-3-Chloropropane	ND	4.3
1,2,4-Trichlorobenzene	ND	4.3
Hexachlorobutadiene	ND	4.3
Naphthalene	ND	4.3
1,2,3-Trichlorobenzene	ND	4.3

Surrogate	%REC	Limits
Dibromofluoromethane	102	71-126
1,2-Dichloroethane-d4	100	74-130
Toluene-d8	97	80-120
Bromofluorobenzene	97	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-9 (3-3 1/2)	Diln Fac:	0.9158
Lab ID:	230661-045	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	9.2
Chloromethane	ND	9.2
Vinyl Chloride	ND	9.2
Bromomethane	ND	9.2
Chloroethane	ND	9.2
Trichlorofluoromethane	ND	4.6
Acetone	41	18
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.2
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.2
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.2
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-9 (3-3 1/2)	Diln Fac:	0.9158
Lab ID:	230661-045	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	105	71-126
1,2-Dichloroethane-d4	99	74-130
Toluene-d8	97	80-120
Bromofluorobenzene	94	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-9 (1/2-1)	Diln Fac:	1.010
Lab ID:	230661-047	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.1
Acetone	ND	20
Freon 113	ND	5.1
1,1-Dichloroethene	ND	5.1
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.1
MTBE	ND	5.1
trans-1,2-Dichloroethene	ND	5.1
Vinyl Acetate	ND	51
1,1-Dichloroethane	ND	5.1
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.1
2,2-Dichloropropane	ND	5.1
Chloroform	ND	5.1
Bromochloromethane	ND	5.1
1,1,1-Trichloroethane	ND	5.1
1,1-Dichloropropene	ND	5.1
Carbon Tetrachloride	ND	5.1
1,2-Dichloroethane	ND	5.1
Benzene	ND	5.1
Trichloroethene	ND	5.1
1,2-Dichloropropane	ND	5.1
Bromodichloromethane	ND	5.1
Dibromomethane	ND	5.1
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.1
Toluene	ND	5.1
trans-1,3-Dichloropropene	ND	5.1
1,1,2-Trichloroethane	ND	5.1
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.1
Tetrachloroethene	ND	5.1

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-9 (1/2-1)	Diln Fac:	1.010
Lab ID:	230661-047	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	5.1
1,2-Dibromoethane	ND	5.1
Chlorobenzene	ND	5.1
1,1,1,2-Tetrachloroethane	ND	5.1
Ethylbenzene	ND	5.1
m,p-Xylenes	ND	5.1
o-Xylene	ND	5.1
Styrene	ND	5.1
Bromoform	ND	5.1
Isopropylbenzene	ND	5.1
1,1,2,2-Tetrachloroethane	ND	5.1
1,2,3-Trichloropropane	ND	5.1
Propylbenzene	ND	5.1
Bromobenzene	ND	5.1
1,3,5-Trimethylbenzene	ND	5.1
2-Chlorotoluene	ND	5.1
4-Chlorotoluene	ND	5.1
tert-Butylbenzene	ND	5.1
1,2,4-Trimethylbenzene	ND	5.1
sec-Butylbenzene	ND	5.1
para-Isopropyl Toluene	ND	5.1
1,3-Dichlorobenzene	ND	5.1
1,4-Dichlorobenzene	ND	5.1
n-Butylbenzene	ND	5.1
1,2-Dichlorobenzene	ND	5.1
1,2-Dibromo-3-Chloropropane	ND	5.1
1,2,4-Trichlorobenzene	ND	5.1
Hexachlorobutadiene	ND	5.1
Naphthalene	ND	5.1
1,2,3-Trichlorobenzene	ND	5.1

Surrogate	%REC	Limits
Dibromofluoromethane	104	71-126
1,2-Dichloroethane-d4	97	74-130
Toluene-d8	96	80-120
Bromofluorobenzene	91	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-10 (3-3 1/2)	Diln Fac:	0.8306
Lab ID:	230661-049	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.3
Chloromethane	ND	8.3
Vinyl Chloride	ND	8.3
Bromomethane	ND	8.3
Chloroethane	ND	8.3
Trichlorofluoromethane	ND	4.2
Acetone	ND	17
Freon 113	ND	4.2
1,1-Dichloroethene	ND	4.2
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.2
MTBE	ND	4.2
trans-1,2-Dichloroethene	ND	4.2
Vinyl Acetate	ND	42
1,1-Dichloroethane	ND	4.2
2-Butanone	ND	8.3
cis-1,2-Dichloroethene	ND	4.2
2,2-Dichloropropane	ND	4.2
Chloroform	ND	4.2
Bromochloromethane	ND	4.2
1,1,1-Trichloroethane	ND	4.2
1,1-Dichloropropene	ND	4.2
Carbon Tetrachloride	ND	4.2
1,2-Dichloroethane	ND	4.2
Benzene	ND	4.2
Trichloroethene	ND	4.2
1,2-Dichloropropane	ND	4.2
Bromodichloromethane	ND	4.2
Dibromomethane	ND	4.2
4-Methyl-2-Pentanone	ND	8.3
cis-1,3-Dichloropropene	ND	4.2
Toluene	ND	4.2
trans-1,3-Dichloropropene	ND	4.2
1,1,2-Trichloroethane	ND	4.2
2-Hexanone	ND	8.3
1,3-Dichloropropane	ND	4.2
Tetrachloroethene	ND	4.2

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-10 (3-3 1/2)	Diln Fac:	0.8306
Lab ID:	230661-049	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.2
1,2-Dibromoethane	ND	4.2
Chlorobenzene	ND	4.2
1,1,1,2-Tetrachloroethane	ND	4.2
Ethylbenzene	ND	4.2
m,p-Xylenes	ND	4.2
o-Xylene	ND	4.2
Styrene	ND	4.2
Bromoform	ND	4.2
Isopropylbenzene	ND	4.2
1,1,2,2-Tetrachloroethane	ND	4.2
1,2,3-Trichloropropane	ND	4.2
Propylbenzene	ND	4.2
Bromobenzene	ND	4.2
1,3,5-Trimethylbenzene	ND	4.2
2-Chlorotoluene	ND	4.2
4-Chlorotoluene	ND	4.2
tert-Butylbenzene	ND	4.2
1,2,4-Trimethylbenzene	ND	4.2
sec-Butylbenzene	ND	4.2
para-Isopropyl Toluene	ND	4.2
1,3-Dichlorobenzene	ND	4.2
1,4-Dichlorobenzene	ND	4.2
n-Butylbenzene	ND	4.2
1,2-Dichlorobenzene	ND	4.2
1,2-Dibromo-3-Chloropropane	ND	4.2
1,2,4-Trichlorobenzene	ND	4.2
Hexachlorobutadiene	ND	4.2
Naphthalene	ND	4.2
1,2,3-Trichlorobenzene	ND	4.2

Surrogate	%REC	Limits
Dibromofluoromethane	105	71-126
1,2-Dichloroethane-d4	100	74-130
Toluene-d8	96	80-120
Bromofluorobenzene	91	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-10 (1-1 1/2)	Diln Fac:	0.8666
Lab ID:	230661-051	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.7
Chloromethane	ND	8.7
Vinyl Chloride	ND	8.7
Bromomethane	ND	8.7
Chloroethane	ND	8.7
Trichlorofluoromethane	ND	4.3
Acetone	ND	17
Freon 113	ND	4.3
1,1-Dichloroethene	ND	4.3
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.3
MTBE	ND	4.3
trans-1,2-Dichloroethene	ND	4.3
Vinyl Acetate	ND	43
1,1-Dichloroethane	ND	4.3
2-Butanone	ND	8.7
cis-1,2-Dichloroethene	ND	4.3
2,2-Dichloropropane	ND	4.3
Chloroform	ND	4.3
Bromochloromethane	ND	4.3
1,1,1-Trichloroethane	ND	4.3
1,1-Dichloropropene	ND	4.3
Carbon Tetrachloride	ND	4.3
1,2-Dichloroethane	ND	4.3
Benzene	ND	4.3
Trichloroethene	ND	4.3
1,2-Dichloropropane	ND	4.3
Bromodichloromethane	ND	4.3
Dibromomethane	ND	4.3
4-Methyl-2-Pentanone	ND	8.7
cis-1,3-Dichloropropene	ND	4.3
Toluene	ND	4.3
trans-1,3-Dichloropropene	ND	4.3
1,1,2-Trichloroethane	ND	4.3
2-Hexanone	ND	8.7
1,3-Dichloropropane	ND	4.3
Tetrachloroethene	ND	4.3

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-10 (1-1 1/2)	Diln Fac:	0.8666
Lab ID:	230661-051	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.3
1,2-Dibromoethane	ND	4.3
Chlorobenzene	ND	4.3
1,1,1,2-Tetrachloroethane	ND	4.3
Ethylbenzene	ND	4.3
m,p-Xylenes	ND	4.3
o-Xylene	ND	4.3
Styrene	ND	4.3
Bromoform	ND	4.3
Isopropylbenzene	ND	4.3
1,1,2,2-Tetrachloroethane	ND	4.3
1,2,3-Trichloropropane	ND	4.3
Propylbenzene	ND	4.3
Bromobenzene	ND	4.3
1,3,5-Trimethylbenzene	ND	4.3
2-Chlorotoluene	ND	4.3
4-Chlorotoluene	ND	4.3
tert-Butylbenzene	ND	4.3
1,2,4-Trimethylbenzene	ND	4.3
sec-Butylbenzene	ND	4.3
para-Isopropyl Toluene	ND	4.3
1,3-Dichlorobenzene	ND	4.3
1,4-Dichlorobenzene	ND	4.3
n-Butylbenzene	ND	4.3
1,2-Dichlorobenzene	ND	4.3
1,2-Dibromo-3-Chloropropane	ND	4.3
1,2,4-Trichlorobenzene	ND	4.3
Hexachlorobutadiene	ND	4.3
Naphthalene	ND	4.3
1,2,3-Trichlorobenzene	ND	4.3

Surrogate	%REC	Limits
Dibromofluoromethane	105	71-126
1,2-Dichloroethane-d4	100	74-130
Toluene-d8	96	80-120
Bromofluorobenzene	93	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-15 (1 1/2-2)	Diln Fac:	0.8375
Lab ID:	230661-052	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.4
Chloromethane	ND	8.4
Vinyl Chloride	ND	8.4
Bromomethane	ND	8.4
Chloroethane	ND	8.4
Trichlorofluoromethane	ND	4.2
Acetone	27	17
Freon 113	ND	4.2
1,1-Dichloroethene	ND	4.2
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.2
MTBE	ND	4.2
trans-1,2-Dichloroethene	ND	4.2
Vinyl Acetate	ND	42
1,1-Dichloroethane	ND	4.2
2-Butanone	ND	8.4
cis-1,2-Dichloroethene	ND	4.2
2,2-Dichloropropane	ND	4.2
Chloroform	ND	4.2
Bromochloromethane	ND	4.2
1,1,1-Trichloroethane	ND	4.2
1,1-Dichloropropene	ND	4.2
Carbon Tetrachloride	ND	4.2
1,2-Dichloroethane	ND	4.2
Benzene	ND	4.2
Trichloroethene	ND	4.2
1,2-Dichloropropane	ND	4.2
Bromodichloromethane	ND	4.2
Dibromomethane	ND	4.2
4-Methyl-2-Pentanone	ND	8.4
cis-1,3-Dichloropropene	ND	4.2
Toluene	ND	4.2
trans-1,3-Dichloropropene	ND	4.2
1,1,2-Trichloroethane	ND	4.2
2-Hexanone	ND	8.4
1,3-Dichloropropane	ND	4.2
Tetrachloroethene	ND	4.2

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-15 (1 1/2-2)	Diln Fac:	0.8375
Lab ID:	230661-052	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.2
1,2-Dibromoethane	ND	4.2
Chlorobenzene	ND	4.2
1,1,1,2-Tetrachloroethane	ND	4.2
Ethylbenzene	ND	4.2
m,p-Xylenes	ND	4.2
o-Xylene	ND	4.2
Styrene	ND	4.2
Bromoform	ND	4.2
Isopropylbenzene	ND	4.2
1,1,2,2-Tetrachloroethane	ND	4.2
1,2,3-Trichloropropane	ND	4.2
Propylbenzene	ND	4.2
Bromobenzene	ND	4.2
1,3,5-Trimethylbenzene	ND	4.2
2-Chlorotoluene	ND	4.2
4-Chlorotoluene	ND	4.2
tert-Butylbenzene	ND	4.2
1,2,4-Trimethylbenzene	ND	4.2
sec-Butylbenzene	ND	4.2
para-Isopropyl Toluene	ND	4.2
1,3-Dichlorobenzene	ND	4.2
1,4-Dichlorobenzene	ND	4.2
n-Butylbenzene	ND	4.2
1,2-Dichlorobenzene	ND	4.2
1,2-Dibromo-3-Chloropropane	ND	4.2
1,2,4-Trichlorobenzene	ND	4.2
Hexachlorobutadiene	ND	4.2
Naphthalene	ND	4.2
1,2,3-Trichlorobenzene	ND	4.2

Surrogate	%REC	Limits
Dibromofluoromethane	106	71-126
1,2-Dichloroethane-d4	100	74-130
Toluene-d8	95	80-120
Bromofluorobenzene	91	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-15 (0-1/2)	Diln Fac:	0.8881
Lab ID:	230661-053	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.9
Chloromethane	ND	8.9
Vinyl Chloride	ND	8.9
Bromomethane	ND	8.9
Chloroethane	ND	8.9
Trichlorofluoromethane	ND	4.4
Acetone	55	18
Freon 113	ND	4.4
1,1-Dichloroethene	ND	4.4
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.4
MTBE	ND	4.4
trans-1,2-Dichloroethene	ND	4.4
Vinyl Acetate	ND	44
1,1-Dichloroethane	ND	4.4
2-Butanone	12	8.9
cis-1,2-Dichloroethene	ND	4.4
2,2-Dichloropropane	ND	4.4
Chloroform	ND	4.4
Bromochloromethane	ND	4.4
1,1,1-Trichloroethane	ND	4.4
1,1-Dichloropropene	ND	4.4
Carbon Tetrachloride	ND	4.4
1,2-Dichloroethane	ND	4.4
Benzene	ND	4.4
Trichloroethene	ND	4.4
1,2-Dichloropropane	ND	4.4
Bromodichloromethane	ND	4.4
Dibromomethane	ND	4.4
4-Methyl-2-Pentanone	ND	8.9
cis-1,3-Dichloropropene	ND	4.4
Toluene	ND	4.4
trans-1,3-Dichloropropene	ND	4.4
1,1,2-Trichloroethane	ND	4.4
2-Hexanone	ND	8.9
1,3-Dichloropropane	ND	4.4
Tetrachloroethene	ND	4.4

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-15 (0-1/2)	Diln Fac:	0.8881
Lab ID:	230661-053	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.4
1,2-Dibromoethane	ND	4.4
Chlorobenzene	ND	4.4
1,1,1,2-Tetrachloroethane	ND	4.4
Ethylbenzene	ND	4.4
m,p-Xylenes	ND	4.4
o-Xylene	ND	4.4
Styrene	ND	4.4
Bromoform	ND	4.4
Isopropylbenzene	ND	4.4
1,1,2,2-Tetrachloroethane	ND	4.4
1,2,3-Trichloropropane	ND	4.4
Propylbenzene	ND	4.4
Bromobenzene	ND	4.4
1,3,5-Trimethylbenzene	ND	4.4
2-Chlorotoluene	ND	4.4
4-Chlorotoluene	ND	4.4
tert-Butylbenzene	ND	4.4
1,2,4-Trimethylbenzene	ND	4.4
sec-Butylbenzene	ND	4.4
para-Isopropyl Toluene	ND	4.4
1,3-Dichlorobenzene	ND	4.4
1,4-Dichlorobenzene	ND	4.4
n-Butylbenzene	ND	4.4
1,2-Dichlorobenzene	ND	4.4
1,2-Dibromo-3-Chloropropane	ND	4.4
1,2,4-Trichlorobenzene	ND	4.4
Hexachlorobutadiene	ND	4.4
Naphthalene	ND	4.4
1,2,3-Trichlorobenzene	ND	4.4

Surrogate	%REC	Limits
Dibromofluoromethane	106	71-126
1,2-Dichloroethane-d4	99	74-130
Toluene-d8	98	80-120
Bromofluorobenzene	98	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-16 (1 1/2-2)	Diln Fac:	0.8347
Lab ID:	230661-054	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.3
Chloromethane	ND	8.3
Vinyl Chloride	ND	8.3
Bromomethane	ND	8.3
Chloroethane	ND	8.3
Trichlorofluoromethane	ND	4.2
Acetone	32	17
Freon 113	ND	4.2
1,1-Dichloroethene	ND	4.2
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.2
MTBE	ND	4.2
trans-1,2-Dichloroethene	ND	4.2
Vinyl Acetate	ND	42
1,1-Dichloroethane	ND	4.2
2-Butanone	ND	8.3
cis-1,2-Dichloroethene	ND	4.2
2,2-Dichloropropane	ND	4.2
Chloroform	ND	4.2
Bromochloromethane	ND	4.2
1,1,1-Trichloroethane	ND	4.2
1,1-Dichloropropene	ND	4.2
Carbon Tetrachloride	ND	4.2
1,2-Dichloroethane	ND	4.2
Benzene	ND	4.2
Trichloroethene	ND	4.2
1,2-Dichloropropane	ND	4.2
Bromodichloromethane	ND	4.2
Dibromomethane	ND	4.2
4-Methyl-2-Pentanone	ND	8.3
cis-1,3-Dichloropropene	ND	4.2
Toluene	ND	4.2
trans-1,3-Dichloropropene	ND	4.2
1,1,2-Trichloroethane	ND	4.2
2-Hexanone	ND	8.3
1,3-Dichloropropane	ND	4.2
Tetrachloroethene	ND	4.2

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-16 (1 1/2-2)	Diln Fac:	0.8347
Lab ID:	230661-054	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.2
1,2-Dibromoethane	ND	4.2
Chlorobenzene	ND	4.2
1,1,1,2-Tetrachloroethane	ND	4.2
Ethylbenzene	ND	4.2
m,p-Xylenes	ND	4.2
o-Xylene	ND	4.2
Styrene	ND	4.2
Bromoform	ND	4.2
Isopropylbenzene	ND	4.2
1,1,2,2-Tetrachloroethane	ND	4.2
1,2,3-Trichloropropane	ND	4.2
Propylbenzene	ND	4.2
Bromobenzene	ND	4.2
1,3,5-Trimethylbenzene	ND	4.2
2-Chlorotoluene	ND	4.2
4-Chlorotoluene	ND	4.2
tert-Butylbenzene	ND	4.2
1,2,4-Trimethylbenzene	ND	4.2
sec-Butylbenzene	ND	4.2
para-Isopropyl Toluene	ND	4.2
1,3-Dichlorobenzene	ND	4.2
1,4-Dichlorobenzene	ND	4.2
n-Butylbenzene	ND	4.2
1,2-Dichlorobenzene	ND	4.2
1,2-Dibromo-3-Chloropropane	ND	4.2
1,2,4-Trichlorobenzene	ND	4.2
Hexachlorobutadiene	ND	4.2
Naphthalene	ND	4.2
1,2,3-Trichlorobenzene	ND	4.2

Surrogate	%REC	Limits
Dibromofluoromethane	103	71-126
1,2-Dichloroethane-d4	97	74-130
Toluene-d8	96	80-120
Bromofluorobenzene	92	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-16 (0-1/2)	Diln Fac:	0.8306
Lab ID:	230661-055	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.3
Chloromethane	ND	8.3
Vinyl Chloride	ND	8.3
Bromomethane	ND	8.3
Chloroethane	ND	8.3
Trichlorofluoromethane	ND	4.2
Acetone	35	17
Freon 113	ND	4.2
1,1-Dichloroethene	ND	4.2
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.2
MTBE	ND	4.2
trans-1,2-Dichloroethene	ND	4.2
Vinyl Acetate	ND	42
1,1-Dichloroethane	ND	4.2
2-Butanone	ND	8.3
cis-1,2-Dichloroethene	ND	4.2
2,2-Dichloropropane	ND	4.2
Chloroform	ND	4.2
Bromochloromethane	ND	4.2
1,1,1-Trichloroethane	ND	4.2
1,1-Dichloropropene	ND	4.2
Carbon Tetrachloride	ND	4.2
1,2-Dichloroethane	ND	4.2
Benzene	ND	4.2
Trichloroethene	ND	4.2
1,2-Dichloropropane	ND	4.2
Bromodichloromethane	ND	4.2
Dibromomethane	ND	4.2
4-Methyl-2-Pentanone	ND	8.3
cis-1,3-Dichloropropene	ND	4.2
Toluene	ND	4.2
trans-1,3-Dichloropropene	ND	4.2
1,1,2-Trichloroethane	ND	4.2
2-Hexanone	ND	8.3
1,3-Dichloropropane	ND	4.2
Tetrachloroethene	ND	4.2

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-16 (0-1/2)	Diln Fac:	0.8306
Lab ID:	230661-055	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.2
1,2-Dibromoethane	ND	4.2
Chlorobenzene	ND	4.2
1,1,1,2-Tetrachloroethane	ND	4.2
Ethylbenzene	ND	4.2
m,p-Xylenes	ND	4.2
o-Xylene	ND	4.2
Styrene	ND	4.2
Bromoform	ND	4.2
Isopropylbenzene	ND	4.2
1,1,2,2-Tetrachloroethane	ND	4.2
1,2,3-Trichloropropane	ND	4.2
Propylbenzene	ND	4.2
Bromobenzene	ND	4.2
1,3,5-Trimethylbenzene	ND	4.2
2-Chlorotoluene	ND	4.2
4-Chlorotoluene	ND	4.2
tert-Butylbenzene	ND	4.2
1,2,4-Trimethylbenzene	ND	4.2
sec-Butylbenzene	ND	4.2
para-Isopropyl Toluene	ND	4.2
1,3-Dichlorobenzene	ND	4.2
1,4-Dichlorobenzene	ND	4.2
n-Butylbenzene	ND	4.2
1,2-Dichlorobenzene	ND	4.2
1,2-Dibromo-3-Chloropropane	ND	4.2
1,2,4-Trichlorobenzene	ND	4.2
Hexachlorobutadiene	ND	4.2
Naphthalene	ND	4.2
1,2,3-Trichlorobenzene	ND	4.2

Surrogate	%REC	Limits
Dibromofluoromethane	104	71-126
1,2-Dichloroethane-d4	99	74-130
Toluene-d8	96	80-120
Bromofluorobenzene	90	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-17 (0-1/2)	Diln Fac:	0.8197
Lab ID:	230661-057	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.2
Chloromethane	ND	8.2
Vinyl Chloride	ND	8.2
Bromomethane	ND	8.2
Chloroethane	ND	8.2
Trichlorofluoromethane	ND	4.1
Acetone	ND	16
Freon 113	ND	4.1
1,1-Dichloroethene	ND	4.1
Methylene Chloride	ND	16
Carbon Disulfide	ND	4.1
MTBE	ND	4.1
trans-1,2-Dichloroethene	ND	4.1
Vinyl Acetate	ND	41
1,1-Dichloroethane	ND	4.1
2-Butanone	ND	8.2
cis-1,2-Dichloroethene	ND	4.1
2,2-Dichloropropane	ND	4.1
Chloroform	ND	4.1
Bromochloromethane	ND	4.1
1,1,1-Trichloroethane	ND	4.1
1,1-Dichloropropene	ND	4.1
Carbon Tetrachloride	ND	4.1
1,2-Dichloroethane	ND	4.1
Benzene	ND	4.1
Trichloroethene	ND	4.1
1,2-Dichloropropane	ND	4.1
Bromodichloromethane	ND	4.1
Dibromomethane	ND	4.1
4-Methyl-2-Pentanone	ND	8.2
cis-1,3-Dichloropropene	ND	4.1
Toluene	ND	4.1
trans-1,3-Dichloropropene	ND	4.1
1,1,2-Trichloroethane	ND	4.1
2-Hexanone	ND	8.2
1,3-Dichloropropane	ND	4.1
Tetrachloroethene	ND	4.1

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-17 (0-1/2)	Diln Fac:	0.8197
Lab ID:	230661-057	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.1
1,2-Dibromoethane	ND	4.1
Chlorobenzene	ND	4.1
1,1,1,2-Tetrachloroethane	ND	4.1
Ethylbenzene	ND	4.1
m,p-Xylenes	ND	4.1
o-Xylene	ND	4.1
Styrene	ND	4.1
Bromoform	ND	4.1
Isopropylbenzene	ND	4.1
1,1,2,2-Tetrachloroethane	ND	4.1
1,2,3-Trichloropropane	ND	4.1
Propylbenzene	ND	4.1
Bromobenzene	ND	4.1
1,3,5-Trimethylbenzene	ND	4.1
2-Chlorotoluene	ND	4.1
4-Chlorotoluene	ND	4.1
tert-Butylbenzene	ND	4.1
1,2,4-Trimethylbenzene	ND	4.1
sec-Butylbenzene	ND	4.1
para-Isopropyl Toluene	ND	4.1
1,3-Dichlorobenzene	ND	4.1
1,4-Dichlorobenzene	ND	4.1
n-Butylbenzene	ND	4.1
1,2-Dichlorobenzene	ND	4.1
1,2-Dibromo-3-Chloropropane	ND	4.1
1,2,4-Trichlorobenzene	ND	4.1
Hexachlorobutadiene	ND	4.1
Naphthalene	ND	4.1
1,2,3-Trichlorobenzene	ND	4.1

Surrogate	%REC	Limits
Dibromofluoromethane	102	71-126
1,2-Dichloroethane-d4	98	74-130
Toluene-d8	95	80-120
Bromofluorobenzene	91	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-11 (2-2 1/2)	Diln Fac:	0.8403
Lab ID:	230661-060	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.4
Chloromethane	ND	8.4
Vinyl Chloride	ND	8.4
Bromomethane	ND	8.4
Chloroethane	ND	8.4
Trichlorofluoromethane	ND	4.2
Acetone	ND	17
Freon 113	ND	4.2
1,1-Dichloroethene	ND	4.2
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.2
MTBE	ND	4.2
trans-1,2-Dichloroethene	ND	4.2
Vinyl Acetate	ND	42
1,1-Dichloroethane	ND	4.2
2-Butanone	ND	8.4
cis-1,2-Dichloroethene	ND	4.2
2,2-Dichloropropane	ND	4.2
Chloroform	ND	4.2
Bromochloromethane	ND	4.2
1,1,1-Trichloroethane	ND	4.2
1,1-Dichloropropene	ND	4.2
Carbon Tetrachloride	ND	4.2
1,2-Dichloroethane	ND	4.2
Benzene	ND	4.2
Trichloroethene	ND	4.2
1,2-Dichloropropane	ND	4.2
Bromodichloromethane	ND	4.2
Dibromomethane	ND	4.2
4-Methyl-2-Pentanone	ND	8.4
cis-1,3-Dichloropropene	ND	4.2
Toluene	ND	4.2
trans-1,3-Dichloropropene	ND	4.2
1,1,2-Trichloroethane	ND	4.2
2-Hexanone	ND	8.4
1,3-Dichloropropane	ND	4.2
Tetrachloroethene	ND	4.2

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-11 (2-2 1/2)	Diln Fac:	0.8403
Lab ID:	230661-060	Batch#:	178562
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.2
1,2-Dibromoethane	ND	4.2
Chlorobenzene	ND	4.2
1,1,1,2-Tetrachloroethane	ND	4.2
Ethylbenzene	ND	4.2
m,p-Xylenes	ND	4.2
o-Xylene	ND	4.2
Styrene	ND	4.2
Bromoform	ND	4.2
Isopropylbenzene	ND	4.2
1,1,2,2-Tetrachloroethane	ND	4.2
1,2,3-Trichloropropane	ND	4.2
Propylbenzene	ND	4.2
Bromobenzene	ND	4.2
1,3,5-Trimethylbenzene	ND	4.2
2-Chlorotoluene	ND	4.2
4-Chlorotoluene	ND	4.2
tert-Butylbenzene	ND	4.2
1,2,4-Trimethylbenzene	ND	4.2
sec-Butylbenzene	ND	4.2
para-Isopropyl Toluene	ND	4.2
1,3-Dichlorobenzene	ND	4.2
1,4-Dichlorobenzene	ND	4.2
n-Butylbenzene	ND	4.2
1,2-Dichlorobenzene	ND	4.2
1,2-Dibromo-3-Chloropropane	ND	4.2
1,2,4-Trichlorobenzene	ND	4.2
Hexachlorobutadiene	ND	4.2
Naphthalene	ND	4.2
1,2,3-Trichlorobenzene	ND	4.2

Surrogate	%REC	Limits
Dibromofluoromethane	103	71-126
1,2-Dichloroethane-d4	99	74-130
Toluene-d8	97	80-120
Bromofluorobenzene	93	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-11 (1/2-1)	Diln Fac:	0.8696
Lab ID:	230661-061	Batch#:	178456
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	08/31/11

Analyte	Result	RL
Freon 12	ND	8.7
Chloromethane	ND	8.7
Vinyl Chloride	ND	8.7
Bromomethane	ND	8.7
Chloroethane	ND	8.7
Trichlorofluoromethane	ND	4.3
Acetone	ND	17
Freon 113	ND	4.3
1,1-Dichloroethene	ND	4.3
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.3
MTBE	ND	4.3
trans-1,2-Dichloroethene	ND	4.3
Vinyl Acetate	ND	43
1,1-Dichloroethane	ND	4.3
2-Butanone	ND	8.7
cis-1,2-Dichloroethene	ND	4.3
2,2-Dichloropropane	ND	4.3
Chloroform	ND	4.3
Bromochloromethane	ND	4.3
1,1,1-Trichloroethane	ND	4.3
1,1-Dichloropropene	ND	4.3
Carbon Tetrachloride	ND	4.3
1,2-Dichloroethane	ND	4.3
Benzene	ND	4.3
Trichloroethene	ND	4.3
1,2-Dichloropropane	ND	4.3
Bromodichloromethane	ND	4.3
Dibromomethane	ND	4.3
4-Methyl-2-Pentanone	ND	8.7
cis-1,3-Dichloropropene	ND	4.3
Toluene	ND	4.3
trans-1,3-Dichloropropene	ND	4.3
1,1,2-Trichloroethane	ND	4.3
2-Hexanone	ND	8.7
1,3-Dichloropropane	ND	4.3
Tetrachloroethene	ND	4.3

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-11 (1/2-1)	Diln Fac:	0.8696
Lab ID:	230661-061	Batch#:	178456
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	08/31/11

Analyte	Result	RL
Dibromochloromethane	ND	4.3
1,2-Dibromoethane	ND	4.3
Chlorobenzene	ND	4.3
1,1,1,2-Tetrachloroethane	ND	4.3
Ethylbenzene	ND	4.3
m,p-Xylenes	ND	4.3
o-Xylene	ND	4.3
Styrene	ND	4.3
Bromoform	ND	4.3
Isopropylbenzene	ND	4.3
1,1,2,2-Tetrachloroethane	ND	4.3
1,2,3-Trichloropropane	ND	4.3
Propylbenzene	ND	4.3
Bromobenzene	ND	4.3
1,3,5-Trimethylbenzene	ND	4.3
2-Chlorotoluene	ND	4.3
4-Chlorotoluene	ND	4.3
tert-Butylbenzene	ND	4.3
1,2,4-Trimethylbenzene	ND	4.3
sec-Butylbenzene	ND	4.3
para-Isopropyl Toluene	ND	4.3
1,3-Dichlorobenzene	ND	4.3
1,4-Dichlorobenzene	ND	4.3
n-Butylbenzene	ND	4.3
1,2-Dichlorobenzene	ND	4.3
1,2-Dibromo-3-Chloropropane	ND	4.3
1,2,4-Trichlorobenzene	ND	4.3
Hexachlorobutadiene	ND	4.3
Naphthalene	ND	4.3
1,2,3-Trichlorobenzene	ND	4.3

Surrogate	%REC	Limits
Dibromofluoromethane	97	71-126
1,2-Dichloroethane-d4	85	74-130
Toluene-d8	98	80-120
Bromofluorobenzene	104	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-22 (0-1/2)	Diln Fac:	0.7508
Lab ID:	230661-063	Batch#:	178567
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	7.5
Chloromethane	ND	7.5
Vinyl Chloride	ND	7.5
Bromomethane	ND	7.5
Chloroethane	ND	7.5
Trichlorofluoromethane	ND	3.8
Acetone	ND	15
Freon 113	ND	3.8
1,1-Dichloroethene	ND	3.8
Methylene Chloride	ND	15
Carbon Disulfide	ND	3.8
MTBE	ND	3.8
trans-1,2-Dichloroethene	ND	3.8
Vinyl Acetate	ND	38
1,1-Dichloroethane	ND	3.8
2-Butanone	ND	7.5
cis-1,2-Dichloroethene	ND	3.8
2,2-Dichloropropane	ND	3.8
Chloroform	ND	3.8
Bromochloromethane	ND	3.8
1,1,1-Trichloroethane	ND	3.8
1,1-Dichloropropene	ND	3.8
Carbon Tetrachloride	ND	3.8
1,2-Dichloroethane	ND	3.8
Benzene	ND	3.8
Trichloroethene	ND	3.8
1,2-Dichloropropane	ND	3.8
Bromodichloromethane	ND	3.8
Dibromomethane	ND	3.8
4-Methyl-2-Pentanone	ND	7.5
cis-1,3-Dichloropropene	ND	3.8
Toluene	ND	3.8
trans-1,3-Dichloropropene	ND	3.8
1,1,2-Trichloroethane	ND	3.8
2-Hexanone	ND	7.5
1,3-Dichloropropane	ND	3.8
Tetrachloroethene	ND	3.8

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-22 (0-1/2)	Diln Fac:	0.7508
Lab ID:	230661-063	Batch#:	178567
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	3.8
1,2-Dibromoethane	ND	3.8
Chlorobenzene	ND	3.8
1,1,1,2-Tetrachloroethane	ND	3.8
Ethylbenzene	ND	3.8
m,p-Xylenes	ND	3.8
o-Xylene	ND	3.8
Styrene	ND	3.8
Bromoform	ND	3.8
Isopropylbenzene	ND	3.8
1,1,2,2-Tetrachloroethane	ND	3.8
1,2,3-Trichloropropane	ND	3.8
Propylbenzene	ND	3.8
Bromobenzene	ND	3.8
1,3,5-Trimethylbenzene	ND	3.8
2-Chlorotoluene	ND	3.8
4-Chlorotoluene	ND	3.8
tert-Butylbenzene	ND	3.8
1,2,4-Trimethylbenzene	ND	3.8
sec-Butylbenzene	ND	3.8
para-Isopropyl Toluene	ND	3.8
1,3-Dichlorobenzene	ND	3.8
1,4-Dichlorobenzene	ND	3.8
n-Butylbenzene	ND	3.8
1,2-Dichlorobenzene	ND	3.8
1,2-Dibromo-3-Chloropropane	ND	3.8
1,2,4-Trichlorobenzene	ND	3.8
Hexachlorobutadiene	ND	3.8
Naphthalene	ND	3.8
1,2,3-Trichlorobenzene	ND	3.8

Surrogate	%REC	Limits
Dibromofluoromethane	97	71-126
1,2-Dichloroethane-d4	89	74-130
Toluene-d8	97	80-120
Bromofluorobenzene	101	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-21 (0-1/2)	Diln Fac:	0.8375
Lab ID:	230661-065	Batch#:	178560
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	8.4
Chloromethane	ND	8.4
Vinyl Chloride	ND	8.4
Bromomethane	ND	8.4
Chloroethane	ND	8.4
Trichlorofluoromethane	ND	4.2
Acetone	ND	17
Freon 113	ND	4.2
1,1-Dichloroethene	ND	4.2
Methylene Chloride	ND	17
Carbon Disulfide	ND	4.2
MTBE	ND	4.2
trans-1,2-Dichloroethene	ND	4.2
Vinyl Acetate	ND	42
1,1-Dichloroethane	ND	4.2
2-Butanone	ND	8.4
cis-1,2-Dichloroethene	ND	4.2
2,2-Dichloropropane	ND	4.2
Chloroform	ND	4.2
Bromochloromethane	ND	4.2
1,1,1-Trichloroethane	ND	4.2
1,1-Dichloropropene	ND	4.2
Carbon Tetrachloride	ND	4.2
1,2-Dichloroethane	ND	4.2
Benzene	ND	4.2
Trichloroethene	ND	4.2
1,2-Dichloropropane	ND	4.2
Bromodichloromethane	ND	4.2
Dibromomethane	ND	4.2
4-Methyl-2-Pentanone	ND	8.4
cis-1,3-Dichloropropene	ND	4.2
Toluene	ND	4.2
trans-1,3-Dichloropropene	ND	4.2
1,1,2-Trichloroethane	ND	4.2
2-Hexanone	ND	8.4
1,3-Dichloropropane	ND	4.2
Tetrachloroethene	ND	4.2

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-21 (0-1/2)	Diln Fac:	0.8375
Lab ID:	230661-065	Batch#:	178560
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.2
1,2-Dibromoethane	ND	4.2
Chlorobenzene	ND	4.2
1,1,1,2-Tetrachloroethane	ND	4.2
Ethylbenzene	ND	4.2
m,p-Xylenes	ND	4.2
o-Xylene	ND	4.2
Styrene	ND	4.2
Bromoform	ND	4.2
Isopropylbenzene	ND	4.2
1,1,2,2-Tetrachloroethane	ND	4.2
1,2,3-Trichloropropane	ND	4.2
Propylbenzene	ND	4.2
Bromobenzene	ND	4.2
1,3,5-Trimethylbenzene	ND	4.2
2-Chlorotoluene	ND	4.2
4-Chlorotoluene	ND	4.2
tert-Butylbenzene	ND	4.2
1,2,4-Trimethylbenzene	ND	4.2
sec-Butylbenzene	ND	4.2
para-Isopropyl Toluene	ND	4.2
1,3-Dichlorobenzene	ND	4.2
1,4-Dichlorobenzene	ND	4.2
n-Butylbenzene	ND	4.2
1,2-Dichlorobenzene	ND	4.2
1,2-Dibromo-3-Chloropropane	ND	4.2
1,2,4-Trichlorobenzene	ND	4.2
Hexachlorobutadiene	ND	4.2
Naphthalene	ND	4.2
1,2,3-Trichlorobenzene	ND	4.2

Surrogate	%REC	Limits
Dibromofluoromethane	109	71-126
1,2-Dichloroethane-d4	121	74-130
Toluene-d8	102	80-120
Bromofluorobenzene	109	76-131

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-20 (2-2 1/2)	Diln Fac:	0.7704
Lab ID:	230661-066	Batch#:	178560
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	7.7
Chloromethane	ND	7.7
Vinyl Chloride	ND	7.7
Bromomethane	ND	7.7
Chloroethane	ND	7.7
Trichlorofluoromethane	ND	3.9
Acetone	ND	15
Freon 113	ND	3.9
1,1-Dichloroethene	ND	3.9
Methylene Chloride	ND	15
Carbon Disulfide	ND	3.9
MTBE	ND	3.9
trans-1,2-Dichloroethene	ND	3.9
Vinyl Acetate	ND	39
1,1-Dichloroethane	ND	3.9
2-Butanone	ND	7.7
cis-1,2-Dichloroethene	ND	3.9
2,2-Dichloropropane	ND	3.9
Chloroform	ND	3.9
Bromochloromethane	ND	3.9
1,1,1-Trichloroethane	ND	3.9
1,1-Dichloropropene	ND	3.9
Carbon Tetrachloride	ND	3.9
1,2-Dichloroethane	ND	3.9
Benzene	ND	3.9
Trichloroethene	ND	3.9
1,2-Dichloropropane	ND	3.9
Bromodichloromethane	ND	3.9
Dibromomethane	ND	3.9
4-Methyl-2-Pentanone	ND	7.7
cis-1,3-Dichloropropene	ND	3.9
Toluene	ND	3.9
trans-1,3-Dichloropropene	ND	3.9
1,1,2-Trichloroethane	ND	3.9
2-Hexanone	ND	7.7
1,3-Dichloropropane	ND	3.9
Tetrachloroethene	ND	3.9
Dibromochloromethane	ND	3.9
1,2-Dibromoethane	ND	3.9
Chlorobenzene	ND	3.9
1,1,1,2-Tetrachloroethane	ND	3.9
Ethylbenzene	ND	3.9
m,p-Xylenes	ND	3.9
o-Xylene	ND	3.9
Styrene	ND	3.9
Bromoform	ND	3.9
Isopropylbenzene	ND	3.9
1,1,2,2-Tetrachloroethane	ND	3.9
1,2,3-Trichloropropane	ND	3.9
Propylbenzene	ND	3.9
Bromobenzene	ND	3.9
1,3,5-Trimethylbenzene	ND	3.9
2-Chlorotoluene	ND	3.9

*= Value outside of QC limits; see narrative

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-20 (2-2 1/2)	Diln Fac:	0.7704
Lab ID:	230661-066	Batch#:	178560
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
4-Chlorotoluene	ND	3.9
tert-Butylbenzene	ND	3.9
1,2,4-Trimethylbenzene	ND	3.9
sec-Butylbenzene	ND	3.9
para-Isopropyl Toluene	ND	3.9
1,3-Dichlorobenzene	ND	3.9
1,4-Dichlorobenzene	ND	3.9
n-Butylbenzene	ND	3.9
1,2-Dichlorobenzene	ND	3.9
1,2-Dibromo-3-Chloropropane	ND	3.9
1,2,4-Trichlorobenzene	ND	3.9
Hexachlorobutadiene	ND	3.9
Naphthalene	ND	3.9
1,2,3-Trichlorobenzene	ND	3.9

Surrogate	%REC	Limits
Dibromofluoromethane	107	71-126
1,2-Dichloroethane-d4	113	74-130
Toluene-d8	98	80-120
Bromofluorobenzene	143 *	76-131

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit
 Page 2 of 2

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-19 (0-1/2)	Diln Fac:	0.9294
Lab ID:	230661-068	Batch#:	178560
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Freon 12	ND	9.3
Chloromethane	ND	9.3
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Chloroethane	ND	9.3
Trichlorofluoromethane	ND	4.6
Acetone	74	19
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	20	9.3
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-19 (0-1/2)	Diln Fac:	0.9294
Lab ID:	230661-068	Batch#:	178560
Matrix:	Soil	Sampled:	08/30/11
Units:	ug/Kg	Received:	08/30/11
Basis:	as received	Analyzed:	09/02/11

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	107	71-126
1,2-Dichloroethane-d4	115	74-130
Toluene-d8	102	80-120
Bromofluorobenzene	108	76-131

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC606917	Batch#:	178456
Matrix:	Soil	Analyzed:	08/31/11
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC606917	Batch#:	178456
Matrix:	Soil	Analyzed:	08/31/11
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	98	71-126
1,2-Dichloroethane-d4	88	74-130
Toluene-d8	100	80-120
Bromofluorobenzene	106	76-131

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC606919	Batch#:	178456
Matrix:	Soil	Analyzed:	08/31/11
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	20.00	13.88	69	69-127
Benzene	20.00	16.99	85	80-122
Trichloroethene	20.00	15.95	80	76-123
Toluene	20.00	16.70	84	80-120
Chlorobenzene	20.00	17.37	87	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	95	71-126
1,2-Dichloroethane-d4	85	74-130
Toluene-d8	99	80-120
Bromofluorobenzene	105	76-131

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5030B
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	178456
MSS Lab ID:	230546-033	Sampled:	08/22/11
Matrix:	Soil	Received:	08/24/11
Units:	ug/Kg	Analyzed:	09/01/11
Basis:	as received		

Type: MS Diln Fac: 0.9921
 Lab ID: QC606920

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5652	49.60	36.77	74	57-134
Benzene	<0.9208	49.60	35.50	72	62-123
Trichloroethene	<1.074	49.60	34.73	70	50-146
Toluene	<1.242	49.60	36.05	73	59-120
Chlorobenzene	<0.2775	49.60	36.53	74	53-120

Surrogate	%REC	Limits
Dibromofluoromethane	98	71-126
1,2-Dichloroethane-d4	87	74-130
Toluene-d8	102	80-120
Bromofluorobenzene	103	76-131

Type: MSD Diln Fac: 0.9901
 Lab ID: QC606921

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	49.50	37.76	76	57-134	3	45
Benzene	49.50	36.85	74	62-123	4	40
Trichloroethene	49.50	36.78	74	50-146	6	46
Toluene	49.50	37.69	76	59-120	5	43
Chlorobenzene	49.50	37.95	77	53-120	4	43

Surrogate	%REC	Limits
Dibromofluoromethane	99	71-126
1,2-Dichloroethane-d4	87	74-130
Toluene-d8	102	80-120
Bromofluorobenzene	99	76-131

RPD= Relative Percent Difference

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5030B
Project#:	11-319	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607159	Batch#:	178514
Matrix:	Soil	Analyzed:	09/01/11
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5030B
Project#:	11-319	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607159	Batch#:	178514
Matrix:	Soil	Analyzed:	09/01/11
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	103	71-126
1,2-Dichloroethane-d4	89	74-130
Toluene-d8	101	80-120
Bromofluorobenzene	109	76-131

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607159	Batch#:	178514
Matrix:	Soil	Analyzed:	09/01/11
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607159	Batch#:	178514
Matrix:	Soil	Analyzed:	09/01/11
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	103	71-126
1,2-Dichloroethane-d4	89	74-130
Toluene-d8	101	80-120
Bromofluorobenzene	109	76-131

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5030B
Project#:	11-319	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC607160	Batch#:	178514
Matrix:	Soil	Analyzed:	09/01/11
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	20.00	16.71	84	69-127
Benzene	20.00	17.16	86	80-122
Trichloroethene	20.00	16.32	82	76-123
Toluene	20.00	16.63	83	80-120
Chlorobenzene	20.00	17.75	89	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	71-126
1,2-Dichloroethane-d4	90	74-130
Toluene-d8	99	80-120
Bromofluorobenzene	106	76-131

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC607160	Batch#:	178514
Matrix:	Soil	Analyzed:	09/01/11
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	20.00	16.71	84	69-127
Benzene	20.00	17.16	86	80-122
Trichloroethene	20.00	16.32	82	76-123
Toluene	20.00	16.63	83	80-120
Chlorobenzene	20.00	17.75	89	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	71-126
1,2-Dichloroethane-d4	90	74-130
Toluene-d8	99	80-120
Bromofluorobenzene	106	76-131

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5030B
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-2 (1-1 1/2)	Batch#:	178514
MSS Lab ID:	230661-012	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Analyzed:	09/01/11
Basis:	as received		

Type: MS Diln Fac: 0.9242
 Lab ID: QC607161

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5485	46.21	38.74	84	57-134
Benzene	<0.8935	46.21	39.81	86	62-123
Trichloroethene	<1.043	46.21	37.44	81	50-146
Toluene	<1.206	46.21	38.22	83	59-120
Chlorobenzene	<0.2693	46.21	38.31	83	53-120

Surrogate	%REC	Limits
Dibromofluoromethane	101	71-126
1,2-Dichloroethane-d4	99	74-130
Toluene-d8	98	80-120
Bromofluorobenzene	100	76-131

Type: MSD Diln Fac: 0.9363
 Lab ID: QC607162

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	46.82	42.73	91	57-134	8	45
Benzene	46.82	40.66	87	62-123	1	40
Trichloroethene	46.82	39.46	84	50-146	4	46
Toluene	46.82	39.16	84	59-120	1	43
Chlorobenzene	46.82	39.01	83	53-120	1	43

Surrogate	%REC	Limits
Dibromofluoromethane	103	71-126
1,2-Dichloroethane-d4	94	74-130
Toluene-d8	92	80-120
Bromofluorobenzene	100	76-131

RPD= Relative Percent Difference

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5030B
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	TP-2 (1-1 1/2)	Batch#:	178514
MSS Lab ID:	230661-012	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Analyzed:	09/01/11
Basis:	as received		

Type: MS Diln Fac: 0.9242
 Lab ID: QC607161

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5485	46.21	38.74	84	57-134
Benzene	<0.8935	46.21	39.81	86	62-123
Trichloroethene	<1.043	46.21	37.44	81	50-146
Toluene	<1.206	46.21	38.22	83	59-120
Chlorobenzene	<0.2693	46.21	38.31	83	53-120

Surrogate	%REC	Limits
Dibromofluoromethane	101	71-126
1,2-Dichloroethane-d4	99	74-130
Toluene-d8	98	80-120
Bromofluorobenzene	100	76-131

Type: MSD Diln Fac: 0.9363
 Lab ID: QC607162

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	46.82	42.73	91	57-134	8	45
Benzene	46.82	40.66	87	62-123	1	40
Trichloroethene	46.82	39.46	84	50-146	4	46
Toluene	46.82	39.16	84	59-120	1	43
Chlorobenzene	46.82	39.01	83	53-120	1	43

Surrogate	%REC	Limits
Dibromofluoromethane	103	71-126
1,2-Dichloroethane-d4	94	74-130
Toluene-d8	92	80-120
Bromofluorobenzene	100	76-131

RPD= Relative Percent Difference

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607354	Batch#:	178560
Matrix:	Soil	Analyzed:	09/02/11
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607354	Batch#:	178560
Matrix:	Soil	Analyzed:	09/02/11
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	106	71-126
1,2-Dichloroethane-d4	117	74-130
Toluene-d8	102	80-120
Bromofluorobenzene	105	76-131

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607361	Batch#:	178562
Matrix:	Soil	Analyzed:	09/02/11
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607361	Batch#:	178562
Matrix:	Soil	Analyzed:	09/02/11
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	96	71-126
1,2-Dichloroethane-d4	92	74-130
Toluene-d8	95	80-120
Bromofluorobenzene	92	76-131

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607374	Batch#:	178567
Matrix:	Soil	Analyzed:	09/02/11
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607374	Batch#:	178567
Matrix:	Soil	Analyzed:	09/02/11
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	104	71-126
1,2-Dichloroethane-d4	98	74-130
Toluene-d8	97	80-120
Bromofluorobenzene	107	76-131

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5035
Project#:	11-319	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC607375	Batch#:	178567
Matrix:	Soil	Analyzed:	09/02/11
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	20.00	16.91	85	69-127
Benzene	20.00	18.12	91	80-122
Trichloroethene	20.00	17.00	85	76-123
Toluene	20.00	16.65	83	80-120
Chlorobenzene	20.00	17.10	85	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	104	71-126
1,2-Dichloroethane-d4	101	74-130
Toluene-d8	98	80-120
Bromofluorobenzene	106	76-131

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 5030B
Project#:	11-319	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	178567
MSS Lab ID:	230487-006	Sampled:	08/23/11
Matrix:	Soil	Received:	08/23/11
Units:	ug/Kg	Analyzed:	09/02/11
Basis:	as received		

Type: MS Diln Fac: 0.9881
 Lab ID: QC607376

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5739	49.41	37.72	76	57-134
Benzene	<0.9350	49.41	36.85	75	62-123
Trichloroethene	<1.091	49.41	34.25	69	50-146
Toluene	<1.262	49.41	32.90	67	59-120
Chlorobenzene	<0.2818	49.41	29.97	61	53-120

Surrogate	%REC	Limits
Dibromofluoromethane	100	71-126
1,2-Dichloroethane-d4	88	74-130
Toluene-d8	93	80-120
Bromofluorobenzene	100	76-131

Type: MSD Diln Fac: 0.9747
 Lab ID: QC607377

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	48.73	38.14	78	57-134	2	45
Benzene	48.73	36.61	75	62-123	1	40
Trichloroethene	48.73	34.29	70	50-146	1	46
Toluene	48.73	33.94	70	59-120	4	43
Chlorobenzene	48.73	32.69	67	53-120	10	43

Surrogate	%REC	Limits
Dibromofluoromethane	103	71-126
1,2-Dichloroethane-d4	86	74-130
Toluene-d8	97	80-120
Bromofluorobenzene	99	76-131

RPD= Relative Percent Difference

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-1 (1/2-1)	Batch#:	178458
Lab ID:	230661-001	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	5.000		

Analyte	Result	RL
Naphthalene	ND	25
Acenaphthylene	ND	25
Acenaphthene	ND	25
Fluorene	ND	25
Phenanthrene	ND	25
Anthracene	ND	25
Fluoranthene	ND	25
Pyrene	ND	25
Benzo(a)anthracene	ND	25
Chrysene	40	25
Benzo(b)fluoranthene	32	25
Benzo(k)fluoranthene	ND	25
Benzo(a)pyrene	26	25
Indeno(1,2,3-cd)pyrene	ND	25
Dibenz(a,h)anthracene	ND	25
Benzo(g,h,i)perylene	ND	25

Surrogate	%REC	Limits
Nitrobenzene-d5	77	33-120
2-Fluorobiphenyl	91	43-120
Terphenyl-d14	94	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-1 (2-2 1/2)	Batch#:	178458
Lab ID:	230661-002	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	08/31/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	ND	4.9
Anthracene	ND	4.9
Fluoranthene	ND	4.9
Pyrene	ND	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	ND	4.9
Benzo(b)fluoranthene	ND	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	ND	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	82	33-120
2-Fluorobiphenyl	95	43-120
Terphenyl-d14	96	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-8 (1/2-1)	Batch#:	178458
Lab ID:	230661-004	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	5.000		

Analyte	Result	RL
Naphthalene	27	25
Acenaphthylene	ND	25
Acenaphthene	ND	25
Fluorene	ND	25
Phenanthrene	43	25
Anthracene	ND	25
Fluoranthene	41	25
Pyrene	81	25
Benzo(a)anthracene	30	25
Chrysene	93	25
Benzo(b)fluoranthene	81	25
Benzo(k)fluoranthene	ND	25
Benzo(a)pyrene	54	25
Indeno(1,2,3-cd)pyrene	ND	25
Dibenz(a,h)anthracene	ND	25
Benzo(g,h,i)perylene	42	25

Surrogate	%REC	Limits
Nitrobenzene-d5	108	33-120
2-Fluorobiphenyl	98	43-120
Terphenyl-d14	111	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-8 (2-2 1/2)	Batch#:	178458
Lab ID:	230661-005	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	08/31/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	91	33-120
2-Fluorobiphenyl	88	43-120
Terphenyl-d14	82	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-8 (5-5 1/2)	Batch#:	178458
Lab ID:	230661-007	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	08/31/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	7.0	4.9
Anthracene	ND	4.9
Fluoranthene	7.5	4.9
Pyrene	7.0	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	5.1	4.9
Benzo(b)fluoranthene	ND	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	ND	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	73	33-120
2-Fluorobiphenyl	72	43-120
Terphenyl-d14	72	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-14 (0-1/2)	Batch#:	178458
Lab ID:	230661-008	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	08/31/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	16	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	11	4.9
Anthracene	ND	4.9
Fluoranthene	8.9	4.9
Pyrene	14	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	7.9	4.9
Benzo(b)fluoranthene	6.5	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	5.6	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	131 *	33-120
2-Fluorobiphenyl	82	43-120
Terphenyl-d14	100	38-120

*= Value outside of QC limits; see narrative

ND= Not Detected

RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-14 (1 1/2-2)	Batch#:	178458
Lab ID:	230661-009	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	08/31/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	8.7	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	6.2	5.0
Pyrene	12	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	6.6	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	142 *	33-120
2-Fluorobiphenyl	88	43-120
Terphenyl-d14	110	38-120

*= Value outside of QC limits; see narrative

ND= Not Detected

RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-18 (0-1/2)	Batch#:	178458
Lab ID:	230661-010	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	20.00		

Analyte	Result	RL
Naphthalene	ND	100
Acenaphthylene	ND	100
Acenaphthene	ND	100
Fluorene	ND	100
Phenanthrene	ND	100
Anthracene	ND	100
Fluoranthene	ND	100
Pyrene	140	100
Benzo(a)anthracene	ND	100
Chrysene	320	100
Benzo(b)fluoranthene	ND	100
Benzo(k)fluoranthene	ND	100
Benzo(a)pyrene	ND	100
Indeno(1,2,3-cd)pyrene	ND	100
Dibenz(a,h)anthracene	ND	100
Benzo(g,h,i)perylene	ND	100

Surrogate	%REC	Limits
Nitrobenzene-d5	DO	33-120
2-Fluorobiphenyl	DO	43-120
Terphenyl-d14	DO	38-120

DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-18 (1 1/2-2)	Batch#:	178458
Lab ID:	230661-011	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	5.000		

Analyte	Result	RL
Naphthalene	ND	25
Acenaphthylene	ND	25
Acenaphthene	ND	25
Fluorene	ND	25
Phenanthrene	36	25
Anthracene	ND	25
Fluoranthene	ND	25
Pyrene	40	25
Benzo(a)anthracene	ND	25
Chrysene	90	25
Benzo(b)fluoranthene	ND	25
Benzo(k)fluoranthene	ND	25
Benzo(a)pyrene	ND	25
Indeno(1,2,3-cd)pyrene	ND	25
Dibenz(a,h)anthracene	ND	25
Benzo(g,h,i)perylene	ND	25

Surrogate	%REC	Limits
Nitrobenzene-d5	145 *	33-120
2-Fluorobiphenyl	92	43-120
Terphenyl-d14	103	38-120

*= Value outside of QC limits; see narrative

ND= Not Detected

RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-2 (1-1 1/2)	Batch#:	178458
Lab ID:	230661-012	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	08/31/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.1
Acenaphthylene	ND	5.1
Acenaphthene	ND	5.1
Fluorene	ND	5.1
Phenanthrene	ND	5.1
Anthracene	ND	5.1
Fluoranthene	ND	5.1
Pyrene	ND	5.1
Benzo(a)anthracene	ND	5.1
Chrysene	ND	5.1
Benzo(b)fluoranthene	ND	5.1
Benzo(k)fluoranthene	ND	5.1
Benzo(a)pyrene	ND	5.1
Indeno(1,2,3-cd)pyrene	ND	5.1
Dibenz(a,h)anthracene	ND	5.1
Benzo(g,h,i)perylene	ND	5.1

Surrogate	%REC	Limits
Nitrobenzene-d5	84	33-120
2-Fluorobiphenyl	84	43-120
Terphenyl-d14	85	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-2 (2-2 1/2)	Batch#:	178458
Lab ID:	230661-013	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	08/31/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.1
Acenaphthylene	ND	5.1
Acenaphthene	ND	5.1
Fluorene	ND	5.1
Phenanthrene	ND	5.1
Anthracene	ND	5.1
Fluoranthene	ND	5.1
Pyrene	ND	5.1
Benzo(a)anthracene	ND	5.1
Chrysene	ND	5.1
Benzo(b)fluoranthene	ND	5.1
Benzo(k)fluoranthene	ND	5.1
Benzo(a)pyrene	ND	5.1
Indeno(1,2,3-cd)pyrene	ND	5.1
Dibenz(a,h)anthracene	ND	5.1
Benzo(g,h,i)perylene	ND	5.1

Surrogate	%REC	Limits
Nitrobenzene-d5	76	33-120
2-Fluorobiphenyl	75	43-120
Terphenyl-d14	73	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-3 (2-2 1/2)	Batch#:	178458
Lab ID:	230661-018	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	7.1	5.0
Anthracene	ND	5.0
Fluoranthene	13	5.0
Pyrene	14	5.0
Benzo(a)anthracene	7.4	5.0
Chrysene	17	5.0
Benzo(b)fluoranthene	17	5.0
Benzo(k)fluoranthene	6.2	5.0
Benzo(a)pyrene	10	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	81	33-120
2-Fluorobiphenyl	78	43-120
Terphenyl-d14	82	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-3 (1/2-1)	Batch#:	178458
Lab ID:	230661-019	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	74	33-120
2-Fluorobiphenyl	75	43-120
Terphenyl-d14	79	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-4 (2-2 1/2)	Batch#:	178458
Lab ID:	230661-022	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	08/31/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	ND	4.9
Anthracene	ND	4.9
Fluoranthene	ND	4.9
Pyrene	ND	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	ND	4.9
Benzo(b)fluoranthene	ND	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	ND	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	80	33-120
2-Fluorobiphenyl	78	43-120
Terphenyl-d14	78	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-4 (1/2-1)	Batch#:	178458
Lab ID:	230661-023	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	31	5.0
Anthracene	9.0	5.0
Fluoranthene	59	5.0
Pyrene	62	5.0
Benzo(a)anthracene	32	5.0
Chrysene	42	5.0
Benzo(b)fluoranthene	28	5.0
Benzo(k)fluoranthene	11	5.0
Benzo(a)pyrene	28	5.0
Indeno(1,2,3-cd)pyrene	10	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	9.6	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	77	33-120
2-Fluorobiphenyl	80	43-120
Terphenyl-d14	81	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-5 (2-2 1/2)	Batch#:	178458
Lab ID:	230661-026	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	ND	4.9
Anthracene	ND	4.9
Fluoranthene	ND	4.9
Pyrene	ND	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	ND	4.9
Benzo(b)fluoranthene	ND	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	ND	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	85	33-120
2-Fluorobiphenyl	84	43-120
Terphenyl-d14	85	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-5 (1/2-1)	Batch#:	178458
Lab ID:	230661-027	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	5.000		

Analyte	Result	RL
Naphthalene	ND	25
Acenaphthylene	ND	25
Acenaphthene	ND	25
Fluorene	ND	25
Phenanthrene	ND	25
Anthracene	ND	25
Fluoranthene	29	25
Pyrene	29	25
Benzo(a)anthracene	ND	25
Chrysene	32	25
Benzo(b)fluoranthene	38	25
Benzo(k)fluoranthene	ND	25
Benzo(a)pyrene	ND	25
Indeno(1,2,3-cd)pyrene	ND	25
Dibenz(a,h)anthracene	ND	25
Benzo(g,h,i)perylene	ND	25

Surrogate	%REC	Limits
Nitrobenzene-d5	96	33-120
2-Fluorobiphenyl	96	43-120
Terphenyl-d14	94	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-6 (2-2 1/2)	Batch#:	178458
Lab ID:	230661-029	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	ND	4.9
Anthracene	ND	4.9
Fluoranthene	ND	4.9
Pyrene	ND	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	ND	4.9
Benzo(b)fluoranthene	ND	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	ND	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	84	33-120
2-Fluorobiphenyl	84	43-120
Terphenyl-d14	82	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-6 (1-1 1/2)	Batch#:	178458
Lab ID:	230661-030	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	ND	4.9
Anthracene	ND	4.9
Fluoranthene	ND	4.9
Pyrene	ND	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	ND	4.9
Benzo(b)fluoranthene	ND	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	ND	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	72	33-120
2-Fluorobiphenyl	74	43-120
Terphenyl-d14	76	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-7 (3-3 1/2)	Batch#:	178458
Lab ID:	230661-033	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	ND	4.9
Anthracene	ND	4.9
Fluoranthene	ND	4.9
Pyrene	ND	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	ND	4.9
Benzo(b)fluoranthene	ND	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	ND	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	69	33-120
2-Fluorobiphenyl	73	43-120
Terphenyl-d14	75	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-7 (2-2 1/2)	Batch#:	178486
Lab ID:	230661-034	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	ND	4.9
Anthracene	ND	4.9
Fluoranthene	ND	4.9
Pyrene	ND	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	ND	4.9
Benzo(b)fluoranthene	ND	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	ND	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	78	33-120
2-Fluorobiphenyl	68	43-120
Terphenyl-d14	62	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-7 (1-1 1/2)	Batch#:	178486
Lab ID:	230661-035	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received		

Analyte	Result	RL	Diln Fac	Analyzed
Naphthalene	39	5.1	1.000	09/01/11
Acenaphthylene	130	5.1	1.000	09/01/11
Acenaphthene	ND	5.1	1.000	09/01/11
Fluorene	ND	5.1	1.000	09/01/11
Phenanthrene	200	5.1	1.000	09/01/11
Anthracene	290	5.1	1.000	09/01/11
Fluoranthene	560	51	10.00	09/02/11
Pyrene	990	51	10.00	09/02/11
Benzo(a)anthracene	720	51	10.00	09/02/11
Chrysene	1,000	51	10.00	09/02/11
Benzo(b)fluoranthene	540	51	10.00	09/02/11
Benzo(k)fluoranthene	180	51	10.00	09/02/11
Benzo(a)pyrene	520	51	10.00	09/02/11
Indeno(1,2,3-cd)pyrene	230	51	10.00	09/02/11
Dibenz(a,h)anthracene	140	5.1	1.000	09/01/11
Benzo(g,h,i)perylene	270	5.1	1.000	09/01/11

Surrogate	%REC	Limits	Diln Fac	Analyzed
Nitrobenzene-d5	76	33-120	1.000	09/01/11
2-Fluorobiphenyl	61	43-120	1.000	09/01/11
Terphenyl-d14	44	38-120	1.000	09/01/11

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-13 (3-3 1/2)	Batch#:	178486
Lab ID:	230661-037	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	79	33-120
2-Fluorobiphenyl	72	43-120
Terphenyl-d14	67	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-13 (2-2 1/2)	Batch#:	178486
Lab ID:	230661-038	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	7.5	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	7.0	4.9
Anthracene	ND	4.9
Fluoranthene	7.4	4.9
Pyrene	5.1	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	15	4.9
Benzo(b)fluoranthene	7.0	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	ND	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	5.3	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	80	33-120
2-Fluorobiphenyl	62	43-120
Terphenyl-d14	40	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-12 (2-2 1/2)	Batch#:	178486
Lab ID:	230661-042	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	88	33-120
2-Fluorobiphenyl	76	43-120
Terphenyl-d14	66	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-12 (1/2-1)	Batch#:	178486
Lab ID:	230661-043	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	14.00		

Analyte	Result	RL
Naphthalene	ND	70
Acenaphthylene	ND	70
Acenaphthene	ND	70
Fluorene	ND	70
Phenanthrene	ND	70
Anthracene	ND	70
Fluoranthene	ND	70
Pyrene	ND	70
Benzo(a)anthracene	ND	70
Chrysene	79	70
Benzo(b)fluoranthene	93	70
Benzo(k)fluoranthene	ND	70
Benzo(a)pyrene	ND	70
Indeno(1,2,3-cd)pyrene	ND	70
Dibenz(a,h)anthracene	ND	70
Benzo(g,h,i)perylene	ND	70

Surrogate	%REC	Limits
Nitrobenzene-d5	DO	33-120
2-Fluorobiphenyl	DO	43-120
Terphenyl-d14	DO	38-120

DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-9 (3-3 1/2)	Batch#:	178486
Lab ID:	230661-045	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	86	33-120
2-Fluorobiphenyl	76	43-120
Terphenyl-d14	73	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-9 (1/2-1)	Batch#:	178486
Lab ID:	230661-047	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	87	33-120
2-Fluorobiphenyl	76	43-120
Terphenyl-d14	72	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-10 (3-3 1/2)	Batch#:	178486
Lab ID:	230661-049	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	ND	4.9
Anthracene	ND	4.9
Fluoranthene	ND	4.9
Pyrene	ND	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	ND	4.9
Benzo(b)fluoranthene	ND	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	ND	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	82	33-120
2-Fluorobiphenyl	72	43-120
Terphenyl-d14	71	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-10 (1-1 1/2)	Batch#:	178486
Lab ID:	230661-051	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	10.00		

Analyte	Result	RL
Naphthalene	ND	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	ND	50
Phenanthrene	ND	50
Anthracene	ND	50
Fluoranthene	ND	50
Pyrene	ND	50
Benzo(a)anthracene	ND	50
Chrysene	ND	50
Benzo(b)fluoranthene	ND	50
Benzo(k)fluoranthene	ND	50
Benzo(a)pyrene	ND	50
Indeno(1,2,3-cd)pyrene	ND	50
Dibenz(a,h)anthracene	ND	50
Benzo(g,h,i)perylene	ND	50

Surrogate	%REC	Limits
Nitrobenzene-d5	DO	33-120
2-Fluorobiphenyl	DO	43-120
Terphenyl-d14	DO	38-120

DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-15 (1 1/2-2)	Batch#:	178486
Lab ID:	230661-052	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.1
Acenaphthylene	ND	5.1
Acenaphthene	ND	5.1
Fluorene	ND	5.1
Phenanthrene	ND	5.1
Anthracene	ND	5.1
Fluoranthene	ND	5.1
Pyrene	ND	5.1
Benzo(a)anthracene	ND	5.1
Chrysene	ND	5.1
Benzo(b)fluoranthene	ND	5.1
Benzo(k)fluoranthene	ND	5.1
Benzo(a)pyrene	ND	5.1
Indeno(1,2,3-cd)pyrene	ND	5.1
Dibenz(a,h)anthracene	ND	5.1
Benzo(g,h,i)perylene	ND	5.1

Surrogate	%REC	Limits
Nitrobenzene-d5	86	33-120
2-Fluorobiphenyl	75	43-120
Terphenyl-d14	75	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-15 (0-1/2)	Batch#:	178486
Lab ID:	230661-053	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	90	33-120
2-Fluorobiphenyl	82	43-120
Terphenyl-d14	74	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-16 (1 1/2-2)	Batch#:	178486
Lab ID:	230661-054	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.1
Acenaphthylene	ND	5.1
Acenaphthene	ND	5.1
Fluorene	ND	5.1
Phenanthrene	ND	5.1
Anthracene	ND	5.1
Fluoranthene	ND	5.1
Pyrene	ND	5.1
Benzo(a)anthracene	ND	5.1
Chrysene	ND	5.1
Benzo(b)fluoranthene	ND	5.1
Benzo(k)fluoranthene	ND	5.1
Benzo(a)pyrene	ND	5.1
Indeno(1,2,3-cd)pyrene	ND	5.1
Dibenz(a,h)anthracene	ND	5.1
Benzo(g,h,i)perylene	ND	5.1

Surrogate	%REC	Limits
Nitrobenzene-d5	86	33-120
2-Fluorobiphenyl	76	43-120
Terphenyl-d14	76	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-16 (0-1/2)	Batch#:	178486
Lab ID:	230661-055	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	81	33-120
2-Fluorobiphenyl	70	43-120
Terphenyl-d14	73	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-17 (0-1/2)	Batch#:	178486
Lab ID:	230661-057	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	4.9
Acenaphthylene	ND	4.9
Acenaphthene	ND	4.9
Fluorene	ND	4.9
Phenanthrene	ND	4.9
Anthracene	ND	4.9
Fluoranthene	ND	4.9
Pyrene	ND	4.9
Benzo(a)anthracene	ND	4.9
Chrysene	ND	4.9
Benzo(b)fluoranthene	ND	4.9
Benzo(k)fluoranthene	ND	4.9
Benzo(a)pyrene	ND	4.9
Indeno(1,2,3-cd)pyrene	ND	4.9
Dibenz(a,h)anthracene	ND	4.9
Benzo(g,h,i)perylene	ND	4.9

Surrogate	%REC	Limits
Nitrobenzene-d5	84	33-120
2-Fluorobiphenyl	71	43-120
Terphenyl-d14	75	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-11 (2-2 1/2)	Batch#:	178486
Lab ID:	230661-060	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	9.2	5.0
Pyrene	8.4	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	8.4	5.0
Benzo(b)fluoranthene	8.4	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	6.0	5.0
Indeno(1,2,3-cd)pyrene	6.8	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	12	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	90	33-120
2-Fluorobiphenyl	74	43-120
Terphenyl-d14	61	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-11 (1/2-1)	Batch#:	178486
Lab ID:	230661-061	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	10.00		

Analyte	Result	RL
Naphthalene	ND	49
Acenaphthylene	ND	49
Acenaphthene	ND	49
Fluorene	ND	49
Phenanthrene	ND	49
Anthracene	ND	49
Fluoranthene	ND	49
Pyrene	ND	49
Benzo(a)anthracene	ND	49
Chrysene	ND	49
Benzo(b)fluoranthene	ND	49
Benzo(k)fluoranthene	ND	49
Benzo(a)pyrene	ND	49
Indeno(1,2,3-cd)pyrene	ND	49
Dibenz(a,h)anthracene	ND	49
Benzo(g,h,i)perylene	ND	49

Surrogate	%REC	Limits
Nitrobenzene-d5	DO	33-120
2-Fluorobiphenyl	DO	43-120
Terphenyl-d14	DO	38-120

DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-22 (0-1/2)	Batch#:	178486
Lab ID:	230661-063	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	89	33-120
2-Fluorobiphenyl	71	43-120
Terphenyl-d14	70	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-21 (0-1/2)	Batch#:	178486
Lab ID:	230661-065	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	79	33-120
2-Fluorobiphenyl	72	43-120
Terphenyl-d14	72	38-120

ND= Not Detected
 RL= Reporting Limit

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-19 (0-1/2)	Batch#:	178486
Lab ID:	230661-068	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
Naphthalene	ND	5.0
Acenaphthylene	ND	5.0
Acenaphthene	ND	5.0
Fluorene	ND	5.0
Phenanthrene	ND	5.0
Anthracene	ND	5.0
Fluoranthene	ND	5.0
Pyrene	ND	5.0
Benzo(a)anthracene	ND	5.0
Chrysene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzo(a)pyrene	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0

Surrogate	%REC	Limits
Nitrobenzene-d5	85	33-120
2-Fluorobiphenyl	65	43-120
Terphenyl-d14	62	38-120

ND= Not Detected
 RL= Reporting Limit

Batch QC Report
Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC606925	Batch#:	178458
Matrix:	Soil	Prepared:	08/31/11
Units:	ug/Kg	Analyzed:	09/01/11

Analyte	Result	RL
Naphthalene	ND	5.1
Acenaphthylene	ND	5.1
Acenaphthene	ND	5.1
Fluorene	ND	5.1
Phenanthrene	ND	5.1
Anthracene	ND	5.1
Fluoranthene	ND	5.1
Pyrene	ND	5.1
Benzo(a)anthracene	ND	5.1
Chrysene	ND	5.1
Benzo(b)fluoranthene	ND	5.1
Benzo(k)fluoranthene	ND	5.1
Benzo(a)pyrene	ND	5.1
Indeno(1,2,3-cd)pyrene	ND	5.1
Dibenz(a,h)anthracene	ND	5.1
Benzo(g,h,i)perylene	ND	5.1

Surrogate	%REC	Limits
Nitrobenzene-d5	88	33-120
2-Fluorobiphenyl	83	43-120
Terphenyl-d14	83	38-120

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Semivolatile Organics by GC/MS SIM			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC606926	Batch#:	178458
Matrix:	Soil	Prepared:	08/31/11
Units:	ug/Kg	Analyzed:	08/31/11

Analyte	Spiked	Result	%REC	Limits
Acenaphthene	33.33	28.95	87	44-120
Pyrene	33.33	25.12	75	36-120

Surrogate	%REC	Limits
Nitrobenzene-d5	65	33-120
2-Fluorobiphenyl	83	43-120
Terphenyl-d14	75	38-120

Batch QC Report
Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-1 (2-2 1/2)	Batch#:	178458
MSS Lab ID:	230661-002	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	08/31/11
Diln Fac:	1.000		

Type: MS Lab ID: QC606927

Analyte	MSS Result	Spiked	Result	%REC	Limits
Acenaphthene	<0.9898	32.92	28.17	86	39-120
Pyrene	3.698	32.92	29.99	80	20-135

Surrogate	%REC	Limits
Nitrobenzene-d5	75	33-120
2-Fluorobiphenyl	82	43-120
Terphenyl-d14	82	38-120

Type: MSD Lab ID: QC606928

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Acenaphthene	33.80	26.38	78	39-120	9	48
Pyrene	33.80	28.53	73	20-135	7	68

Surrogate	%REC	Limits
Nitrobenzene-d5	69	33-120
2-Fluorobiphenyl	74	43-120
Terphenyl-d14	74	38-120

RPD= Relative Percent Difference

Batch QC Report
Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607030	Batch#:	178486
Matrix:	Soil	Prepared:	08/31/11
Units:	ug/Kg	Analyzed:	09/01/11

Analyte	Result	RL
Naphthalene	ND	5.1
Acenaphthylene	ND	5.1
Acenaphthene	ND	5.1
Fluorene	ND	5.1
Phenanthrene	ND	5.1
Anthracene	ND	5.1
Fluoranthene	ND	5.1
Pyrene	ND	5.1
Benzo(a)anthracene	ND	5.1
Chrysene	ND	5.1
Benzo(b)fluoranthene	ND	5.1
Benzo(k)fluoranthene	ND	5.1
Benzo(a)pyrene	ND	5.1
Indeno(1,2,3-cd)pyrene	ND	5.1
Dibenz(a,h)anthracene	ND	5.1
Benzo(g,h,i)perylene	ND	5.1

Surrogate	%REC	Limits
Nitrobenzene-d5	80	33-120
2-Fluorobiphenyl	81	43-120
Terphenyl-d14	82	38-120

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Semivolatile Organics by GC/MS SIM

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC607031	Batch#:	178486
Matrix:	Soil	Prepared:	08/31/11
Units:	ug/Kg	Analyzed:	09/01/11

Analyte	Spiked	Result	%REC	Limits
Acenaphthene	33.33	26.57	80	44-120
Pyrene	33.33	27.92	84	36-120

Surrogate	%REC	Limits
Nitrobenzene-d5	85	33-120
2-Fluorobiphenyl	79	43-120
Terphenyl-d14	75	38-120

Batch QC Report

Semivolatile Organics by GC/MS SIM			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8270C-SIM
Field ID:	TP-7 (1-1 1/2)	Batch#:	178486
MSS Lab ID:	230661-035	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Type: MS Lab ID: QC607032

Analyte	MSS Result	Spiked	Result	%REC	Limits
Acenaphthene	4.663	33.29	29.50	75	39-120
Pyrene	989.6	33.29	1,220 >LR	693 NM	20-135

Surrogate	%REC	Limits
Nitrobenzene-d5	85	33-120
2-Fluorobiphenyl	73	43-120
Terphenyl-d14	62	38-120

Type: MSD Lab ID: QC607033

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Acenaphthene	33.66	25.91	63	39-120	14	48
Pyrene	33.66	106.0	-2625 NM	20-135	NC	68

Surrogate	%REC	Limits
Nitrobenzene-d5	83	33-120
2-Fluorobiphenyl	73	43-120
Terphenyl-d14	70	38-120

NC= Not Calculated

NM= Not Meaningful: Sample concentration > 4X spike concentration

>LR= Response exceeds instrument's linear range

RPD= Relative Percent Difference

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-1 (1/2-1)	Batch#:	178477
Lab ID:	230661-001	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.6
beta-BHC	ND	8.6
gamma-BHC	ND	8.6
delta-BHC	ND	8.6
Heptachlor	ND	8.6
Aldrin	ND	8.6
Heptachlor epoxide	ND	8.6
Endosulfan I	ND	8.6
Dieldrin	ND	17
4,4'-DDE	ND	17
Endrin	ND	17
Endosulfan II	ND	17
Endosulfan sulfate	ND	17
4,4'-DDD	ND	17
Endrin aldehyde	ND	17
4,4'-DDT	ND	17
alpha-Chlordane	ND	8.6
gamma-Chlordane	ND	8.6
Methoxychlor	ND	86
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	88	53-121
Decachlorobiphenyl	54	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-1 (2-2 1/2)	Batch#:	178477
Lab ID:	230661-002	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	65	53-121
Decachlorobiphenyl	65	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-8 (1/2-1)	Batch#:	178477
Lab ID:	230661-004	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.4
beta-BHC	ND	8.4
gamma-BHC	ND	8.4
delta-BHC	ND	8.4
Heptachlor	ND	8.4
Aldrin	ND	8.4
Heptachlor epoxide	ND	8.4
Endosulfan I	ND	8.4
Dieldrin	ND	16
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	47	16
Endrin aldehyde	ND	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.4
gamma-Chlordane	ND	8.4
Methoxychlor	ND	84
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	81	53-121
Decachlorobiphenyl	49	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-8 (2-2 1/2)	Batch#:	178477
Lab ID:	230661-005	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	61

Surrogate	%REC	Limits
TCMX	72	53-121
Decachlorobiphenyl	69	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-8 (5-5 1/2)	Batch#:	178477
Lab ID:	230661-007	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	59

Surrogate	%REC	Limits
TCMX	66	53-121
Decachlorobiphenyl	67	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-14 (0-1/2)	Batch#:	178477
Lab ID:	230661-008	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/02/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.2
4,4'-DDE	ND	3.2
Endrin	ND	3.2
Endosulfan II	ND	3.2
Endosulfan sulfate	ND	3.2
4,4'-DDD	ND	3.2
Endrin aldehyde	ND	3.2
4,4'-DDT	ND	3.2
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	59

Surrogate	%REC	Limits
TCMX	75	53-121
Decachlorobiphenyl	66	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-14 (1 1/2-2)	Batch#:	178477
Lab ID:	230661-009	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/02/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	63	53-121
Decachlorobiphenyl	53	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-18 (0-1/2)	Batch#:	178477
Lab ID:	230661-010	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	5.000		

Analyte	Result	RL
alpha-BHC	ND	8.4
beta-BHC	ND	8.4
gamma-BHC	ND	8.4
delta-BHC	ND	8.4
Heptachlor	ND	8.4
Aldrin	ND	8.4
Heptachlor epoxide	ND	8.4
Endosulfan I	ND	8.4
Dieldrin	ND	16
4,4'-DDE	ND	16
Endrin	ND	16
Endosulfan II	ND	16
Endosulfan sulfate	ND	16
4,4'-DDD	ND	16
Endrin aldehyde	ND	16
4,4'-DDT	ND	16
alpha-Chlordane	ND	8.4
gamma-Chlordane	ND	8.4
Methoxychlor	ND	84
Toxaphene	ND	300

Surrogate	%REC	Limits
TCMX	68	53-121
Decachlorobiphenyl	37 *	39-120

*= Value outside of QC limits; see narrative

ND= Not Detected

RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-18 (1 1/2-2)	Batch#:	178477
Lab ID:	230661-011	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/02/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	61

Surrogate	%REC	Limits
TCMX	56	53-121
Decachlorobiphenyl	36 *	39-120

*= Value outside of QC limits; see narrative

ND= Not Detected

RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-2 (1-1 1/2)	Batch#:	178477
Lab ID:	230661-012	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	66	53-121
Decachlorobiphenyl	50	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-2 (2-2 1/2)	Batch#:	178477
Lab ID:	230661-013	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	59

Surrogate	%REC	Limits
TCMX	75	53-121
Decachlorobiphenyl	59	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-3 (2-2 1/2)	Batch#:	178477
Lab ID:	230661-018	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	61

Surrogate	%REC	Limits
TCMX	70	53-121
Decachlorobiphenyl	55	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-3 (1/2-1)	Batch#:	178477
Lab ID:	230661-019	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	59

Surrogate	%REC	Limits
TCMX	77	53-121
Decachlorobiphenyl	55	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-4 (2-2 1/2)	Batch#:	178477
Lab ID:	230661-022	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	59

Surrogate	%REC	Limits
TCMX	65	53-121
Decachlorobiphenyl	55	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-4 (1/2-1)	Batch#:	178477
Lab ID:	230661-023	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	61

Surrogate	%REC	Limits
TCMX	76	53-121
Decachlorobiphenyl	61	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-5 (2-2 1/2)	Batch#:	178477
Lab ID:	230661-026	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	61

Surrogate	%REC	Limits
TCMX	77	53-121
Decachlorobiphenyl	62	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-5 (1/2-1)	Batch#:	178477
Lab ID:	230661-027	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	3.000		

Analyte	Result	RL
alpha-BHC	ND	5.2
beta-BHC	ND	5.2
gamma-BHC	ND	5.2
delta-BHC	ND	5.2
Heptachlor	ND	5.2
Aldrin	ND	5.2
Heptachlor epoxide	ND	5.2
Endosulfan I	ND	5.2
Dieldrin	ND	10
4,4'-DDE	13	10
Endrin	ND	10
Endosulfan II	ND	10
Endosulfan sulfate	ND	10
4,4'-DDD	ND	10
Endrin aldehyde	ND	10
4,4'-DDT	44	10
alpha-Chlordane	14	5.2
gamma-Chlordane	14	5.2
Methoxychlor	ND	52
Toxaphene	ND	180

Surrogate	%REC	Limits
TCMX	69	53-121
Decachlorobiphenyl	90	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-6 (2-2 1/2)	Batch#:	178477
Lab ID:	230661-029	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	78	53-121
Decachlorobiphenyl	64	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-6 (1-1 1/2)	Batch#:	178477
Lab ID:	230661-030	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	59

Surrogate	%REC	Limits
TCMX	74	53-121
Decachlorobiphenyl	63	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-7 (3-3 1/2)	Batch#:	178539
Lab ID:	230661-033	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/01/11
Basis:	as received	Analyzed:	09/02/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	71	53-121
Decachlorobiphenyl	81	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-7 (2-2 1/2)	Batch#:	178586
Lab ID:	230661-034	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	82	53-121
Decachlorobiphenyl	73	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-7 (1-1 1/2)	Batch#:	178586
Lab ID:	230661-035	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	2.0	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	79	53-121
Decachlorobiphenyl	67	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-13 (3-3 1/2)	Batch#:	178586
Lab ID:	230661-037	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	75	53-121
Decachlorobiphenyl	66	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-13 (2-2 1/2)	Batch#:	178586
Lab ID:	230661-038	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	8.5	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	6.2 C	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	33	3.3
alpha-Chlordane	7.8	1.7
gamma-Chlordane	7.2	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	72	53-121
Decachlorobiphenyl	58	39-120

C= Presence confirmed, but RPD between columns exceeds 40%

ND= Not Detected

RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-12 (2-2 1/2)	Batch#:	178586
Lab ID:	230661-042	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	61

Surrogate	%REC	Limits
TCMX	76	53-121
Decachlorobiphenyl	67	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-12 (1/2-1)	Batch#:	178586
Lab ID:	230661-043	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	4.0	3.3
4,4'-DDE	16	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	6.4 #	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	42	3.3
alpha-Chlordane	2.0 C	1.7
gamma-Chlordane	3.1	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	78	53-121
Decachlorobiphenyl	62	39-120

#= CCV drift outside limits; average CCV drift within limits per method requirements

C= Presence confirmed, but RPD between columns exceeds 40%

ND= Not Detected

RL= Reporting Limit

Organochlorine Pesticides

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-9 (3-3 1/2)	Batch#:	178586
Lab ID:	230661-045	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.2
4,4'-DDE	ND	3.2
Endrin	ND	3.2
Endosulfan II	ND	3.2
Endosulfan sulfate	ND	3.2
4,4'-DDD	ND	3.2
Endrin aldehyde	ND	3.2
4,4'-DDT	ND	3.2
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	59

Surrogate	%REC	Limits
TCMX	78	53-121
Decachlorobiphenyl	74	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-9 (1/2-1)	Batch#:	178586
Lab ID:	230661-047	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	59

Surrogate	%REC	Limits
TCMX	80	53-121
Decachlorobiphenyl	70	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-10 (3-3 1/2)	Batch#:	178586
Lab ID:	230661-049	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	61

Surrogate	%REC	Limits
TCMX	77	53-121
Decachlorobiphenyl	69	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-10 (1-1 1/2)	Batch#:	178586
Lab ID:	230661-051	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	2.000		

Analyte	Result	RL
alpha-BHC	ND	3.5
beta-BHC	ND	3.5
gamma-BHC	ND	3.5
delta-BHC	ND	3.5
Heptachlor	ND	3.5
Aldrin	ND	3.5
Heptachlor epoxide	ND	3.5
Endosulfan I	ND	3.5
Dieldrin	ND	6.7
4,4'-DDE	ND	6.7
Endrin	ND	6.7
Endosulfan II	ND	6.7
Endosulfan sulfate	ND	6.7
4,4'-DDD	ND	6.7
Endrin aldehyde	ND	6.7
4,4'-DDT	ND	6.7
alpha-Chlordane	ND	3.5
gamma-Chlordane	5.3 C	3.5
Methoxychlor	ND	35
Toxaphene	ND	120

Surrogate	%REC	Limits
TCMX	74	53-121
Decachlorobiphenyl	54	39-120

C= Presence confirmed, but RPD between columns exceeds 40%

ND= Not Detected

RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-15 (1 1/2-2)	Batch#:	178586
Lab ID:	230661-052	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	71	53-121
Decachlorobiphenyl	66	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-15 (0-1/2)	Batch#:	178586
Lab ID:	230661-053	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	61

Surrogate	%REC	Limits
TCMX	76	53-121
Decachlorobiphenyl	69	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-16 (1 1/2-2)	Batch#:	178586
Lab ID:	230661-054	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	72	53-121
Decachlorobiphenyl	76	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-16 (0-1/2)	Batch#:	178586
Lab ID:	230661-055	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	61

Surrogate	%REC	Limits
TCMX	80	53-121
Decachlorobiphenyl	75	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-17 (0-1/2)	Batch#:	178586
Lab ID:	230661-057	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	73	53-121
Decachlorobiphenyl	69	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-11 (2-2 1/2)	Batch#:	178586
Lab ID:	230661-060	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	79	53-121
Decachlorobiphenyl	83	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-11 (1/2-1)	Batch#:	178586
Lab ID:	230661-061	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	3.000		

Analyte	Result	RL
alpha-BHC	ND	5.2
beta-BHC	ND	5.2
gamma-BHC	ND	5.2
delta-BHC	ND	5.2
Heptachlor	ND	5.2
Aldrin	ND	5.2
Heptachlor epoxide	ND	5.2
Endosulfan I	ND	5.2
Dieldrin	ND	10
4,4'-DDE	ND	10
Endrin	ND	10
Endosulfan II	ND	10
Endosulfan sulfate	ND	10
4,4'-DDD	ND	10
Endrin aldehyde	ND	10
4,4'-DDT	ND	10
alpha-Chlordane	ND	5.2
gamma-Chlordane	ND	5.2
Methoxychlor	ND	52
Toxaphene	ND	180

Surrogate	%REC	Limits
TCMX	75	53-121
Decachlorobiphenyl	49	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-22 (0-1/2)	Batch#:	178586
Lab ID:	230661-063	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	82	53-121
Decachlorobiphenyl	69	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-21 (0-1/2)	Batch#:	178586
Lab ID:	230661-065	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	76	53-121
Decachlorobiphenyl	65	39-120

ND= Not Detected
 RL= Reporting Limit

Organochlorine Pesticides

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-19 (0-1/2)	Batch#:	178586
Lab ID:	230661-068	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/03/11
Diln Fac:	1.000		

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	61

Surrogate	%REC	Limits
TCMX	82	53-121
Decachlorobiphenyl	61	39-120

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC606993	Batch#:	178477
Matrix:	Soil	Prepared:	08/31/11
Units:	ug/Kg	Analyzed:	09/01/11

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	59

Surrogate	%REC	Limits
TCMX	72	53-121
Decachlorobiphenyl	71	39-120

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC606994	Batch#:	178477
Matrix:	Soil	Prepared:	08/31/11
Units:	ug/Kg	Analyzed:	09/01/11

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	13.18	11.56	88	53-120
Heptachlor	13.18	11.35	86	44-120
Aldrin	13.18	12.05	91	50-120
Dieldrin	26.37	25.99	99	47-129
Endrin	26.37	28.39	108	47-127
4,4'-DDT	26.37	25.67	97	51-127

Surrogate	%REC	Limits
TCMX	74	53-121
Decachlorobiphenyl	76	39-120

Batch QC Report

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-8 (1/2-1)	Batch#:	178477
MSS Lab ID:	230661-004	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	5.000		

Type: MS Lab ID: QC606995

Analyte	MSS Result	Spiked	Result	%REC	Limits
gamma-BHC	<1.476	13.25	9.941	75	58-120
Heptachlor	<1.119	13.25	11.86	89	52-120
Aldrin	<1.071	13.25	9.027	68	54-120
Dieldrin	10.55	26.51	30.08	74	51-120
Endrin	<2.061	26.51	32.08	121	51-124
4,4'-DDT	4.862	26.51	26.32	81	50-124

Surrogate	%REC	Limits
TCMX	77	53-121
Decachlorobiphenyl	54	39-120

Type: MSD Lab ID: QC606996

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	13.19	9.922	75	58-120	0	28
Heptachlor	13.19	10.65	81	52-120	10	30
Aldrin	13.19	8.468	64	54-120	6	35
Dieldrin	26.38	25.53	57	51-120	16	23
Endrin	26.38	23.26	88	51-124	31	31
4,4'-DDT	26.38	26.05	80	50-124	1	28

Surrogate	%REC	Limits
TCMX	67	53-121
Decachlorobiphenyl	39	39-120

RPD= Relative Percent Difference

Batch QC Report

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607245	Batch#:	178539
Matrix:	Soil	Prepared:	09/01/11
Units:	ug/Kg	Analyzed:	09/02/11

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	78	53-121
Decachlorobiphenyl	64	39-120

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC607251	Batch#:	178539
Matrix:	Soil	Prepared:	09/01/11
Units:	ug/Kg	Analyzed:	09/02/11

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	13.49	14.01	104	53-120
Heptachlor	13.49	14.24	106	44-120
Aldrin	13.49	14.75	109	50-120
Dieldrin	26.98	32.27	120	47-129
Endrin	26.98	33.80	125	47-127
4,4'-DDT	26.98	33.28	123	51-127

Surrogate	%REC	Limits
TCMX	88	53-121
Decachlorobiphenyl	83	39-120

Batch QC Report

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	ZZZZZZZZZZ	Batch#:	178539
MSS Lab ID:	230663-001	Sampled:	08/29/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/01/11
Basis:	as received	Analyzed:	09/02/11
Diln Fac:	5.000		

Type: MS Lab ID: QC607252

Analyte	MSS Result	Spiked	Result	%REC	Limits
gamma-BHC	<1.519	13.23	12.55	95	58-120
Heptachlor	<1.151	13.23	12.66	96	52-120
Aldrin	<1.101	13.23	13.60	103	54-120
Dieldrin	<1.847	26.46	30.27	114	51-120
Endrin	<2.121	26.46	26.98	102	51-124
4,4'-DDT	<1.632	26.46	31.06	117	50-124

Surrogate	%REC	Limits
TCMX	93	53-121
Decachlorobiphenyl	56	39-120

Type: MSD Lab ID: QC607253

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	13.52	12.00	89	58-120	7	28
Heptachlor	13.52	12.29	91	52-120	5	30
Aldrin	13.52	13.05	97	54-120	6	35
Dieldrin	27.05	28.66	106	51-120	8	23
Endrin	27.05	27.92	103	51-124	1	31
4,4'-DDT	27.05	30.80	114	50-124	3	28

Surrogate	%REC	Limits
TCMX	89	53-121
Decachlorobiphenyl	57	39-120

RPD= Relative Percent Difference

Batch QC Report

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607459	Batch#:	178586
Matrix:	Soil	Prepared:	09/02/11
Units:	ug/Kg	Analyzed:	09/03/11

Analyte	Result	RL
alpha-BHC	ND	1.7
beta-BHC	ND	1.7
gamma-BHC	ND	1.7
delta-BHC	ND	1.7
Heptachlor	ND	1.7
Aldrin	ND	1.7
Heptachlor epoxide	ND	1.7
Endosulfan I	ND	1.7
Dieldrin	ND	3.3
4,4'-DDE	ND	3.3
Endrin	ND	3.3
Endosulfan II	ND	3.3
Endosulfan sulfate	ND	3.3
4,4'-DDD	ND	3.3
Endrin aldehyde	ND	3.3
4,4'-DDT	ND	3.3
alpha-Chlordane	ND	1.7
gamma-Chlordane	ND	1.7
Methoxychlor	ND	17
Toxaphene	ND	60

Surrogate	%REC	Limits
TCMX	78	53-121
Decachlorobiphenyl	67	39-120

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC607463	Batch#:	178586
Matrix:	Soil	Prepared:	09/02/11
Units:	ug/Kg	Analyzed:	09/03/11

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	13.55	11.65	86	53-120
Heptachlor	13.55	11.54	85	44-120
Aldrin	13.55	11.91	88	50-120
Dieldrin	27.09	26.37	97	47-129
Endrin	27.09	23.84	88	47-127
4,4'-DDT	27.09	25.03	92	51-127

Surrogate	%REC	Limits
TCMX	77	53-121
Decachlorobiphenyl	82	39-120

Batch QC Report

Organochlorine Pesticides			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8081A
Field ID:	TP-13 (3-3 1/2)	Batch#:	178586
MSS Lab ID:	230661-037	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/04/11
Diln Fac:	1.000		

Type: MS Lab ID: QC607464

Analyte	MSS Result	Spiked	Result	%REC	Limits
gamma-BHC	<0.2972	13.40	12.10	90	58-120
Heptachlor	<0.2252	13.40	11.34	85	52-120
Aldrin	<0.2156	13.40	12.78	95	54-120
Dieldrin	<0.3615	26.79	28.47	106	51-120
Endrin	<0.4903	26.79	30.06 b	112	51-124
4,4'-DDT	<0.3193	26.79	24.36	91	50-124

Surrogate	%REC	Limits
TCMX	81	53-121
Decachlorobiphenyl	79	39-120

Type: MSD Lab ID: QC607465

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	13.29	12.87	97	58-120	7	28
Heptachlor	13.29	12.77	96	52-120	13	30
Aldrin	13.29	13.72	103	54-120	8	35
Dieldrin	26.58	30.46	115	51-120	8	23
Endrin	26.58	30.15 b	113	51-124	1	31
4,4'-DDT	26.58	28.41	107	50-124	16	28

Surrogate	%REC	Limits
TCMX	87	53-121
Decachlorobiphenyl	82	39-120

b= See narrative

RPD= Relative Percent Difference

Polychlorinated Biphenyls (PCBs)

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Field ID:	TP-1 (1/2-1)	Batch#:	178477
Type:	SAMPLE	Prepared:	08/31/11
Lab ID:	230661-001	Analyzed:	09/01/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	17	12

Surrogate	%REC	Limits
TCMX	102	57-133
Decachlorobiphenyl	62	33-120

Field ID:	TP-1 (2-2 1/2)	Batch#:	178477
Type:	SAMPLE	Prepared:	08/31/11
Lab ID:	230661-002	Analyzed:	09/01/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	94	57-133
Decachlorobiphenyl	83	33-120

Field ID:	TP-8 (1/2-1)	Batch#:	178477
Type:	SAMPLE	Prepared:	08/31/11
Lab ID:	230661-004	Analyzed:	09/01/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	100	12
Aroclor-1260	260	12

Surrogate	%REC	Limits
TCMX	76	57-133
Decachlorobiphenyl	44	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Polychlorinated Biphenyls (PCBs)

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Field ID:	TP-8 (2-2 1/2)	Batch#:	178477
Type:	SAMPLE	Prepared:	08/31/11
Lab ID:	230661-005	Analyzed:	09/01/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	95	57-133
Decachlorobiphenyl	77	33-120

Field ID:	TP-8 (5-5 1/2)	Batch#:	178477
Type:	SAMPLE	Prepared:	08/31/11
Lab ID:	230661-007	Analyzed:	09/01/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	92	57-133
Decachlorobiphenyl	80	33-120

Field ID:	TP-14 (0-1/2)	Batch#:	178477
Type:	SAMPLE	Prepared:	08/31/11
Lab ID:	230661-008	Analyzed:	09/01/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	87	57-133
Decachlorobiphenyl	65	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Field ID: TP-14 (1 1/2-2) Batch#: 178477
 Type: SAMPLE Prepared: 08/31/11
 Lab ID: 230661-009 Analyzed: 09/01/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	20	12

Surrogate	%REC	Limits
TCMX	83	57-133
Decachlorobiphenyl	53	33-120

Field ID: TP-18 (0-1/2) Batch#: 178477
 Type: SAMPLE Prepared: 08/31/11
 Lab ID: 230661-010 Analyzed: 09/01/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	14	12
Aroclor-1260	20	12

Surrogate	%REC	Limits
TCMX	64	57-133
Decachlorobiphenyl	26 *	33-120

Field ID: TP-18 (1 1/2-2) Batch#: 178477
 Type: SAMPLE Prepared: 08/31/11
 Lab ID: 230661-011 Analyzed: 09/01/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	59	57-133
Decachlorobiphenyl	38	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Polychlorinated Biphenyls (PCBs)

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Field ID:	TP-2 (1-1 1/2)	Batch#:	178477
Type:	SAMPLE	Prepared:	08/31/11
Lab ID:	230661-012	Analyzed:	09/02/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	97	57-133
Decachlorobiphenyl	68	33-120

Field ID:	TP-2 (2-2 1/2)	Batch#:	178477
Type:	SAMPLE	Prepared:	08/31/11
Lab ID:	230661-013	Analyzed:	09/02/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	88	57-133
Decachlorobiphenyl	64	33-120

Field ID:	TP-3 (2-2 1/2)	Batch#:	178477
Type:	SAMPLE	Prepared:	08/31/11
Lab ID:	230661-018	Analyzed:	09/02/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	94	57-133
Decachlorobiphenyl	62	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Polychlorinated Biphenyls (PCBs)

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Field ID:	TP-3 (1/2-1)	Batch#:	178477
Type:	SAMPLE	Prepared:	08/31/11
Lab ID:	230661-019	Analyzed:	09/02/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	91	57-133
Decachlorobiphenyl	63	33-120

Field ID:	TP-4 (2-2 1/2)	Batch#:	178477
Type:	SAMPLE	Prepared:	08/31/11
Lab ID:	230661-022	Analyzed:	09/02/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	93	57-133
Decachlorobiphenyl	67	33-120

Field ID:	TP-4 (1/2-1)	Batch#:	178477
Type:	SAMPLE	Prepared:	08/31/11
Lab ID:	230661-023	Analyzed:	09/02/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	93	57-133
Decachlorobiphenyl	67	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Field ID: TP-5 (2-2 1/2) Batch#: 178477
 Type: SAMPLE Prepared: 08/31/11
 Lab ID: 230661-026 Analyzed: 09/02/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	92	57-133
Decachlorobiphenyl	66	33-120

Field ID: TP-5 (1/2-1) Batch#: 178477
 Type: SAMPLE Prepared: 08/31/11
 Lab ID: 230661-027 Analyzed: 09/02/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	40	12

Surrogate	%REC	Limits
TCMX	86	57-133
Decachlorobiphenyl	56	33-120

Field ID: TP-6 (2-2 1/2) Batch#: 178477
 Type: SAMPLE Prepared: 08/31/11
 Lab ID: 230661-029 Analyzed: 09/02/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	89	57-133
Decachlorobiphenyl	63	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Polychlorinated Biphenyls (PCBs)

Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Field ID:	TP-6 (1-1 1/2)	Batch#:	178477
Type:	SAMPLE	Prepared:	08/31/11
Lab ID:	230661-030	Analyzed:	09/02/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	92	57-133
Decachlorobiphenyl	63	33-120

Field ID:	TP-7 (3-3 1/2)	Batch#:	178539
Type:	SAMPLE	Prepared:	09/01/11
Lab ID:	230661-033	Analyzed:	09/02/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	87	57-133
Decachlorobiphenyl	81	33-120

Field ID:	TP-7 (2-2 1/2)	Batch#:	178586
Type:	SAMPLE	Prepared:	09/02/11
Lab ID:	230661-034	Analyzed:	09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	92	57-133
Decachlorobiphenyl	59	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Field ID: TP-7 (1-1 1/2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-035 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	89	57-133
Decachlorobiphenyl	81	33-120

Field ID: TP-13 (3-3 1/2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-037 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	88	57-133
Decachlorobiphenyl	68	33-120

Field ID: TP-13 (2-2 1/2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-038 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	28	12

Surrogate	%REC	Limits
TCMX	83	57-133
Decachlorobiphenyl	49	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Field ID: TP-12 (2-2 1/2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-042 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	101	57-133
Decachlorobiphenyl	76	33-120

Field ID: TP-12 (1/2-1) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-043 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	23	12

Surrogate	%REC	Limits
TCMX	88	57-133
Decachlorobiphenyl	81	33-120

Field ID: TP-9 (3-3 1/2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-045 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	91	57-133
Decachlorobiphenyl	61	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Field ID: TP-9 (1/2-1) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-047 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	16	12

Surrogate	%REC	Limits
TCMX	94	57-133
Decachlorobiphenyl	72	33-120

Field ID: TP-10 (3-3 1/2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-049 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	90	57-133
Decachlorobiphenyl	62	33-120

Field ID: TP-10 (1-1 1/2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-051 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	33	12

Surrogate	%REC	Limits
TCMX	89	57-133
Decachlorobiphenyl	77	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Field ID: TP-15 (1 1/2-2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-052 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	94	57-133
Decachlorobiphenyl	68	33-120

Field ID: TP-15 (0-1/2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-053 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	91	57-133
Decachlorobiphenyl	65	33-120

Field ID: TP-16 (1 1/2-2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-054 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	95	57-133
Decachlorobiphenyl	61	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Field ID: TP-16 (0-1/2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-055 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	87	57-133
Decachlorobiphenyl	56	33-120

Field ID: TP-17 (0-1/2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-057 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	16	12

Surrogate	%REC	Limits
TCMX	90	57-133
Decachlorobiphenyl	61	33-120

Field ID: TP-11 (2-2 1/2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-060 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	94	57-133
Decachlorobiphenyl	62	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Field ID: TP-11 (1/2-1) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-061 Analyzed: 09/03/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	190	12

Surrogate	%REC	Limits
TCMX	86	57-133
Decachlorobiphenyl	49	33-120

Field ID: TP-22 (0-1/2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-063 Analyzed: 09/04/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	90	57-133
Decachlorobiphenyl	59	33-120

Field ID: TP-21 (0-1/2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-065 Analyzed: 09/04/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	89	57-133
Decachlorobiphenyl	63	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Field ID: TP-19 (0-1/2) Batch#: 178586
 Type: SAMPLE Prepared: 09/02/11
 Lab ID: 230661-068 Analyzed: 09/04/11

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	90	57-133
Decachlorobiphenyl	62	33-120

Type: BLANK Prepared: 08/31/11
 Lab ID: QC606993 Analyzed: 09/01/11
 Batch#: 178477

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	94	57-133
Decachlorobiphenyl	77	33-120

Type: BLANK Prepared: 09/01/11
 Lab ID: QC607245 Analyzed: 09/02/11
 Batch#: 178539

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	103	57-133
Decachlorobiphenyl	94	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Sampled:	08/30/11
Basis:	as received	Received:	08/30/11

Type:	BLANK	Prepared:	09/02/11
Lab ID:	QC607459	Analyzed:	09/03/11
Batch#:	178586		

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	94	57-133
Decachlorobiphenyl	63	33-120

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC606997	Batch#:	178477
Matrix:	Soil	Prepared:	08/31/11
Units:	ug/Kg	Analyzed:	09/01/11

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	167.1	170.4	102	64-143
Aroclor-1260	167.1	186.5	112	61-152

Surrogate	%REC	Limits
TCMX	102	57-133
Decachlorobiphenyl	95	33-120

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Field ID:	TP-8 (1/2-1)	Batch#:	178477
MSS Lab ID:	230661-004	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	08/31/11
Basis:	as received	Analyzed:	09/01/11
Diln Fac:	1.000		

Type: MS Lab ID: QC606998

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1016	<0.5855	164.3	135.9	83	50-156
Aroclor-1260	264.2	164.3	458.2	118	33-150

Surrogate	%REC	Limits
TCMX	79	57-133
Decachlorobiphenyl	46	33-120

Type: MSD Lab ID: QC606999

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	169.0	128.3	76	50-156	9	44
Aroclor-1260	169.0	431.7	99	33-150	7	36

Surrogate	%REC	Limits
TCMX	71	57-133
Decachlorobiphenyl	43	33-120

RPD= Relative Percent Difference

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC607246	Batch#:	178539
Matrix:	Soil	Prepared:	09/01/11
Units:	ug/Kg	Analyzed:	09/04/11

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	166.6	133.6	80	64-143
Aroclor-1260	166.6	137.4	82	61-152

Surrogate	%REC	Limits
TCMX	89	57-133
Decachlorobiphenyl	59	33-120

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Field ID:	ZZZZZZZZZZ	Batch#:	178539
MSS Lab ID:	230663-005	Sampled:	08/29/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/01/11
Basis:	as received	Analyzed:	09/04/11
Diln Fac:	1.000		

Type: MS Lab ID: QC607247

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1016	<0.9708	165.8	135.7	82	50-156
Aroclor-1260	21.50	165.8	140.8	72	33-150

Surrogate	%REC	Limits
TCMX	90	57-133
Decachlorobiphenyl	48	33-120

Type: MSD Lab ID: QC607248

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	165.7	148.4	90	50-156	9	44
Aroclor-1260	165.7	156.1	81	33-150	10	36

Surrogate	%REC	Limits
TCMX	96	57-133
Decachlorobiphenyl	51	33-120

RPD= Relative Percent Difference

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC607460	Batch#:	178586
Matrix:	Soil	Prepared:	09/02/11
Units:	ug/Kg	Analyzed:	09/03/11

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	168.5	145.9	87	64-143
Aroclor-1260	168.5	145.0	86	61-152

Surrogate	%REC	Limits
TCMX	92	57-133
Decachlorobiphenyl	61	33-120

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3550B
Project#:	11-319	Analysis:	EPA 8082
Field ID:	TP-13 (3-3 1/2)	Batch#:	178586
MSS Lab ID:	230661-037	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	ug/Kg	Prepared:	09/02/11
Basis:	as received	Analyzed:	09/04/11
Diln Fac:	1.000		

Type: MS Lab ID: QC607461

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1016	<0.9589	165.1	141.3	86	50-156
Aroclor-1260	<0.3880	165.1	148.7	90	33-150

Surrogate	%REC	Limits
TCMX	92	57-133
Decachlorobiphenyl	60	33-120

Type: MSD Lab ID: QC607462

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	166.6	137.8	83	50-156	3	44
Aroclor-1260	166.6	168.5	101	33-150	12	36

Surrogate	%REC	Limits
TCMX	94	57-133
Decachlorobiphenyl	62	33-120

RPD= Relative Percent Difference

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-1 (1/2-1)	Basis:	as received
Lab ID:	230661-001	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	7.6	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	120	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.33	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	160	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	26	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	27	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	20	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.080	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	0.35	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	130	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	2.9	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	38	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	46	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-1 (2-2 1/2)	Basis:	as received
Lab ID:	230661-002	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.9	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	130	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.39	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	35	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	7.9	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	19	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	13	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.062	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	34	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	32	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	47	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-8 (1/2-1)	Basis:	as received
Lab ID:	230661-004	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	6.6	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	110	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.40	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	0.44	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	67	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	14	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	25	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	57	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.27	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	0.39	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	58	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	1.8	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	54	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	62	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-8 (2-2 1/2)	Basis:	as received
Lab ID:	230661-005	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Arsenic	3.0	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	110	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.34	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	41	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	9.9	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	27	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	20	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.24	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Nickel	36	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	28	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	42	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-8 (5-5 1/2)	Basis:	as received
Lab ID:	230661-007	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Arsenic	5.2	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	120	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.34	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	32	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	6.8	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	13	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	5.4	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.021	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	35	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	33	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	32	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-14 (0-1/2)	Basis:	as received
Lab ID:	230661-008	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	mg/Kg		

Analyte	Result	RL	Diln	Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	1.000		178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.2	0.25	1.000		178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	190	0.25	1.000		178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.35	0.10	1.000		178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	0.42	0.25	1.000		178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	38	0.25	1.000		178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.1	0.25	1.000		178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	33	0.25	1.000		178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	290	0.25	1.000		178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	2.4	0.17	10.00		178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	1.000		178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Nickel	32	0.25	1.000		178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	1.000		178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	1.000		178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	1.000		178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	28	0.25	1.000		178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	140	1.0	1.000		178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-14 (1 1/2-2)	Basis:	as received
Lab ID:	230661-009	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.6	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	110	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.40	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	37	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.6	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	16	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	14	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.044	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	0.32	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	41	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	35	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	40	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-18 (0-1/2)	Basis:	as received
Lab ID:	230661-010	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.8	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	150	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.37	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	39	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	9.4	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	21	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	50	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.32	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	0.51	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	39	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	30	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	57	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-18 (1 1/2-2)	Basis:	as received
Lab ID:	230661-011	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Arsenic	5.2	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	130	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.40	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	37	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.3	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	16	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	6.1	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.032	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	0.27	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	41	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	35	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	38	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-2 (1-1 1/2)	Basis:	as received
Lab ID:	230661-012	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.3	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	100	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.25	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	1.2	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	6.1	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	19	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	3.2	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.044	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	3.4	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	22	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	62	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-2 (2-2 1/2)	Basis:	as received
Lab ID:	230661-013	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	5.1	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	170	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.45	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	40	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	9.0	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	19	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	6.2	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	ND	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	41	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	37	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	43	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-3 (2-2 1/2)	Basis:	as received
Lab ID:	230661-018	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	5.6	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	160	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.37	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	0.48	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	48	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	10	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	34	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	200	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.16	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Nickel	40	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	35	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	130	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-3 (1/2-1)	Basis:	as received
Lab ID:	230661-019	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.8	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	110	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.32	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	26	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	6.5	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	11	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	4.9	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.10	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	0.27	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	33	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	29	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	28	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-4 (2-2 1/2)	Basis:	as received
Lab ID:	230661-022	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Arsenic	5.4	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	140	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.45	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	40	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.4	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	19	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	6.3	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.027	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	0.36	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	44	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	33	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	45	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-4 (1/2-1)	Basis:	as received
Lab ID:	230661-023	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	8.9	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	110	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.36	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	35	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.3	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	19	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	17	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.10	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	39	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	32	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	40	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-5 (2-2 1/2)	Basis:	as received
Lab ID:	230661-026	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	5.5	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	150	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.42	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	35	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	11	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	19	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	7.8	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.11	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Nickel	45	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	1.1	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	31	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	44	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-5 (1/2-1)	Basis:	as received
Lab ID:	230661-027	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Arsenic	9.4	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	130	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.30	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	0.36	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	33	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.2	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	53	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	370	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.14	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	0.37	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	36	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	35	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	120	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-6 (2-2 1/2)	Basis:	as received
Lab ID:	230661-029	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.4	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	140	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.41	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	37	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	7.7	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	21	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	13	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.075	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Nickel	37	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	0.86	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	32	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	41	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-6 (1-1 1/2)	Basis:	as received
Lab ID:	230661-030	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Arsenic	5.4	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	100	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.32	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	36	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.5	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	120	0.26	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	20	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.067	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	0.31	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	37	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	36	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	43	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-7 (3-3 1/2)	Basis:	as received
Lab ID:	230661-033	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	5.1	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	130	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.40	0.10	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	38	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	7.8	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	14	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	5.9	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.038	0.020	178645	09/06/11	09/06/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	41	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178550	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	33	0.25	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	36	1.0	178550	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-7 (2-2 1/2)	Basis:	as received
Lab ID:	230661-034	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.0	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	130	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.43	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	36	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.1	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	18	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	5.6	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.028	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	36	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	32	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	40	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-7 (1-1 1/2)	Basis:	as received
Lab ID:	230661-035	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	mg/Kg		

Analyte	Result	RL	Diln	Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	0.76	0.50	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.1	0.25	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	180	0.25	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.33	0.10	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	0.30	0.25	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	21	0.25	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	9.0	0.25	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	29	0.25	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	240	0.25	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	1.7	0.083	5.000		178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	27	0.25	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	23	0.25	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	61	1.0	1.000		178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-13 (3-3 1/2)	Basis:	as received
Lab ID:	230661-037	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.9	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	130	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.46	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	39	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	11	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	18	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	5.2	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.021	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	52	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	39	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	40	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-13 (2-2 1/2)	Basis:	as received
Lab ID:	230661-038	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	mg/Kg		

Analyte	Result	RL	Diln Fac	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	6.7	0.50	1.000	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	23	0.25	1.000	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	1,200	2.3	10.00	178551	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Beryllium	0.18	0.10	1.000	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	7.2	0.25	1.000	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	98	0.25	1.000	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.2	0.25	1.000	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	220	0.25	1.000	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	1,700	2.3	10.00	178551	09/01/11	09/06/11	EPA 3050B	EPA 6010B
Mercury	0.052	0.020	1.000	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	0.94	0.25	1.000	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	35	0.25	1.000	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	1.000	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	0.76	0.25	1.000	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	1.000	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	19	0.25	1.000	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	11,000	92	100.0	178551	09/01/11	09/06/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-12 (2-2 1/2)	Basis:	as received
Lab ID:	230661-042	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	3.8	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	140	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.40	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	34	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	7.4	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	18	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	6.5	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.036	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	33	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	30	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	38	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-12 (1/2-1)	Basis:	as received
Lab ID:	230661-043	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.9	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	100	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.28	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	0.25	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	35	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	7.7	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	47	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	31	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.14	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	37	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	37	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	61	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-9 (3-3 1/2)	Basis:	as received
Lab ID:	230661-045	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	6.4	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	140	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.49	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	42	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	10	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	19	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	5.3	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.048	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	47	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	39	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	42	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-9 (1/2-1)	Basis:	as received
Lab ID:	230661-047	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	1.3	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	21	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	ND	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	47	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	18	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	29	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	2.6	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	ND	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	36	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	0.89	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	28	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	19	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-10 (3-3 1/2)	Basis:	as received
Lab ID:	230661-049	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.2	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	120	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.42	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	35	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	7.9	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	15	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	4.6	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.031	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	39	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	33	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	36	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-10 (1-1 1/2)	Basis:	as received
Lab ID:	230661-051	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	5.2	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	120	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.31	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	0.52	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	50	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	9.8	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	40	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	120	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.072	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	38	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	39	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	110	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-15 (1 1/2-2)	Basis:	as received
Lab ID:	230661-052	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	3.8	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	120	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.39	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	34	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	7.7	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	16	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	4.9	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.031	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	37	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	31	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	37	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-15 (0-1/2)	Basis:	as received
Lab ID:	230661-053	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.0	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	150	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.47	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	0.26	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	39	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.2	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	22	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	6.7	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.039	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	38	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	35	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	49	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-16 (1 1/2-2)	Basis:	as received
Lab ID:	230661-054	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	3.9	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	140	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.42	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	39	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.3	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	17	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	4.2	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.036	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	41	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	36	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	35	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-16 (0-1/2)	Basis:	as received
Lab ID:	230661-055	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.5	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	120	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.40	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	35	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	7.7	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	16	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	7.3	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.044	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	37	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	34	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	36	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-17 (0-1/2)	Basis:	as received
Lab ID:	230661-057	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.7	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	120	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.42	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	36	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.7	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	16	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	4.8	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.041	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	38	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	34	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	36	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-11 (2-2 1/2)	Basis:	as received
Lab ID:	230661-060	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.0	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	120	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.34	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	0.32	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	32	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	7.0	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	36	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	79	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.27	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	31	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	28	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	93	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-11 (1/2-1)	Basis:	as received
Lab ID:	230661-061	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	0.56	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	5.1	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	110	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.37	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	0.43	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	40	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	9.9	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	38	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	61	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.12	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	35	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	0.40	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	40	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	99	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-22 (0-1/2)	Basis:	as received
Lab ID:	230661-063	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.6	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	130	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.44	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	38	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.5	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	17	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	5.0	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.042	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	42	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	34	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	39	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-21 (0-1/2)	Basis:	as received
Lab ID:	230661-065	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.5	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	130	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.39	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	32	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.5	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	15	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	4.7	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.028	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	37	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	30	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	35	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	230661	Project#:	11-319
Client:	Rockridge Geotechnical	Location:	Ashland Youth Center
Field ID:	TP-19 (0-1/2)	Basis:	as received
Lab ID:	230661-068	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/30/11
Units:	mg/Kg	Received:	08/30/11

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Arsenic	4.2	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Barium	140	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Beryllium	0.43	0.10	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cadmium	0.28	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Chromium	37	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Cobalt	8.4	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Copper	22	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Lead	140	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Mercury	0.12	0.020	178695	09/07/11	09/07/11	METHOD	EPA 7471A
Molybdenum	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Nickel	38	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Selenium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Silver	ND	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Thallium	ND	0.50	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Vanadium	32	0.25	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B
Zinc	52	1.0	178551	09/01/11	09/02/11	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3050B
Project#:	11-319	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607292	Batch#:	178550
Matrix:	Soil	Prepared:	09/01/11
Units:	mg/Kg	Analyzed:	09/02/11

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.26
Lead	ND	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3050B
Project#:	11-319	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	178550
Units:	mg/Kg	Prepared:	09/01/11
Diln Fac:	1.000	Analyzed:	09/02/11

Type: BS Lab ID: QC607293

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	95.68	96	80-120
Arsenic	50.00	48.67	97	80-120
Barium	100.0	93.62	94	80-120
Beryllium	2.500	2.360	94	80-120
Cadmium	10.00	9.634	96	80-120
Chromium	100.0	92.68	93	80-120
Cobalt	25.00	22.99	92	80-120
Copper	12.50	11.68	93	80-120
Lead	100.0	93.35	93	80-120
Molybdenum	20.00	19.09	95	80-120
Nickel	25.00	22.92	92	80-120
Selenium	50.00	47.71	95	80-120
Silver	10.00	9.287	93	80-120
Thallium	50.00	46.73	93	80-120
Vanadium	25.00	23.27	93	80-120
Zinc	25.00	23.81	95	80-120

Type: BSD Lab ID: QC607294

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	99.29	99	80-120	4	20
Arsenic	50.00	50.35	101	80-120	3	20
Barium	100.0	98.07	98	80-120	5	20
Beryllium	2.500	2.427	97	80-120	3	20
Cadmium	10.00	9.878	99	80-120	3	20
Chromium	100.0	95.34	95	80-120	3	20
Cobalt	25.00	23.57	94	80-120	2	20
Copper	12.50	11.69	93	80-120	0	20
Lead	100.0	95.68	96	80-120	2	20
Molybdenum	20.00	20.04	100	80-120	5	20
Nickel	25.00	23.57	94	80-120	3	20
Selenium	50.00	48.39	97	80-120	1	20
Silver	10.00	9.467	95	80-120	2	20
Thallium	50.00	47.71	95	80-120	2	20
Vanadium	25.00	23.85	95	80-120	2	20
Zinc	25.00	24.48	98	80-120	3	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3050B
Project#:	11-319	Analysis:	EPA 6010B
Field ID:	TP-1 (1/2-1)	Batch#:	178550
MSS Lab ID:	230661-001	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	mg/Kg	Prepared:	09/01/11
Basis:	as received	Analyzed:	09/02/11
Diln Fac:	1.000		

Type: MS Lab ID: QC607295

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<0.1542	90.91	48.51	53	1-120
Arsenic	7.591	45.45	47.41	88	70-120
Barium	121.5	90.91	199.0	85	39-146
Beryllium	0.3294	2.273	2.392	91	79-120
Cadmium	0.1908	9.091	8.416	90	70-120
Chromium	158.0	90.91	128.0	-33 *	54-127
Cobalt	25.88	22.73	30.09	19 *	54-121
Copper	27.23	11.36	37.07	87	37-159
Lead	19.75	90.91	123.2	114	54-124
Molybdenum	0.3481	18.18	15.59	84	67-120
Nickel	128.8	22.73	65.47	-279 NM	37-141
Selenium	2.932	45.45	41.49	85	70-120
Silver	<0.07258	9.091	8.360	92	68-120
Thallium	<0.1583	45.45	36.52	80	65-120
Vanadium	37.71	22.73	59.61	96	47-144
Zinc	46.45	22.73	81.27	153	32-153

Type: MSD Lab ID: QC607296

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	90.91	44.51	49	1-120	9	41
Arsenic	45.45	44.91	82	70-120	5	32
Barium	90.91	171.4	55	39-146	15	53
Beryllium	2.273	2.201	82	79-120	8	21
Cadmium	9.091	7.571	81	70-120	11	37
Chromium	90.91	269.8	123	54-127	71 *	36
Cobalt	22.73	33.26	32 *	54-121	10	33
Copper	11.36	38.11	96	37-159	3	32
Lead	90.91	90.30	78	54-124	31	43
Molybdenum	18.18	14.42	77	67-120	8	22
Nickel	22.73	160.6	140 NM	37-141	84 *	33
Selenium	45.45	39.35	80	70-120	5	22
Silver	9.091	7.872	87	68-120	6	26
Thallium	45.45	33.85	74	65-120	8	29
Vanadium	22.73	60.45	100	47-144	1	30
Zinc	22.73	63.73	76	32-153	24	37

*= Value outside of QC limits; see narrative

NM= Not Meaningful: Sample concentration > 4X spike concentration

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3050B
Project#:	11-319	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC607297	Batch#:	178551
Matrix:	Soil	Prepared:	09/01/11
Units:	mg/Kg	Analyzed:	09/02/11

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.25
Lead	ND	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3050B
Project#:	11-319	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	178551
Units:	mg/Kg	Prepared:	09/01/11
Diln Fac:	1.000	Analyzed:	09/02/11

Type: BS Lab ID: QC607298

Analyte	Spiked	Result	%REC	Limits
Antimony	100.0	87.87	88	80-120
Arsenic	50.00	46.56	93	80-120
Barium	100.0	88.10	88	80-120
Beryllium	2.500	2.402	96	80-120
Cadmium	10.00	9.020	90	80-120
Chromium	100.0	87.53	88	80-120
Cobalt	25.00	21.49	86	80-120
Copper	12.50	10.93	87	80-120
Lead	100.0	85.91	86	80-120
Molybdenum	20.00	17.61	88	80-120
Nickel	25.00	21.43	86	80-120
Selenium	50.00	43.98	88	80-120
Silver	10.00	8.712	87	80-120
Thallium	50.00	43.75	88	80-120
Vanadium	25.00	22.16	89	80-120
Zinc	25.00	22.42	90	80-120

Type: BSD Lab ID: QC607299

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	100.0	87.95	88	80-120	0	20
Arsenic	50.00	46.13	92	80-120	1	20
Barium	100.0	87.16	87	80-120	1	20
Beryllium	2.500	2.351	94	80-120	2	20
Cadmium	10.00	8.941	89	80-120	1	20
Chromium	100.0	85.97	86	80-120	2	20
Cobalt	25.00	21.28	85	80-120	1	20
Copper	12.50	10.65	85	80-120	3	20
Lead	100.0	85.30	85	80-120	1	20
Molybdenum	20.00	17.59	88	80-120	0	20
Nickel	25.00	21.29	85	80-120	1	20
Selenium	50.00	43.17	86	80-120	2	20
Silver	10.00	8.581	86	80-120	2	20
Thallium	50.00	43.29	87	80-120	1	20
Vanadium	25.00	21.72	87	80-120	2	20
Zinc	25.00	22.01	88	80-120	2	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	EPA 3050B
Project#:	11-319	Analysis:	EPA 6010B
Field ID:	TP-7 (2-2 1/2)	Batch#:	178551
MSS Lab ID:	230661-034	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	mg/Kg	Prepared:	09/01/11
Basis:	as received	Analyzed:	09/02/11
Diln Fac:	1.000		

Type: MS Lab ID: QC607300

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	0.4590	97.09	52.41	54	1-120
Arsenic	3.996	48.54	44.51	83	70-120
Barium	125.7	97.09	190.2	66	39-146
Beryllium	0.4268	2.427	2.520	86	79-120
Cadmium	0.2317	9.709	7.948	79	70-120
Chromium	36.21	97.09	113.2	79	54-127
Cobalt	8.131	24.27	26.35	75	54-121
Copper	18.02	12.14	28.59	87	37-159
Lead	5.597	97.09	79.26	76	54-124
Molybdenum	0.1290	19.42	14.95	76	67-120
Nickel	36.11	24.27	55.21	79	37-141
Selenium	<0.1493	48.54	37.71	78	70-120
Silver	0.05954	9.709	8.142	83	68-120
Thallium	0.1452	48.54	38.81	80	65-120
Vanadium	32.31	24.27	52.48	83	47-144
Zinc	39.55	24.27	58.27	77	32-153

Type: MSD Lab ID: QC607301

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	90.09	50.17	55	1-120	3	41
Arsenic	45.05	44.42	90	70-120	7	32
Barium	90.09	212.0	96	39-146	14	53
Beryllium	2.252	2.526	93	79-120	7	21
Cadmium	9.009	7.895	85	70-120	7	37
Chromium	90.09	111.8	84	54-127	4	36
Cobalt	22.52	26.81	83	54-121	7	33
Copper	11.26	29.35	101	37-159	6	32
Lead	90.09	79.23	82	54-124	7	43
Molybdenum	18.02	14.08	77	67-120	1	22
Nickel	22.52	55.03	84	37-141	3	33
Selenium	45.05	37.58	83	70-120	7	22
Silver	9.009	8.020	88	68-120	6	26
Thallium	45.05	38.66	86	65-120	7	29
Vanadium	22.52	51.85	87	47-144	2	30
Zinc	22.52	58.84	86	32-153	4	37

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	METHOD
Project#:	11-319	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	178645
Lab ID:	QC607696	Prepared:	09/06/11
Matrix:	Soil	Analyzed:	09/06/11
Units:	mg/Kg		

Result	RL
ND	0.020

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	METHOD
Project#:	11-319	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	178645
Matrix:	Soil	Prepared:	09/06/11
Units:	mg/Kg	Analyzed:	09/06/11
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC607697	0.2083	0.2133	102	80-120		
BSD	QC607698	0.2083	0.2142	103	80-120	0	28

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	METHOD
Project#:	11-319	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	TP-1 (1/2-1)	Batch#:	178645
MSS Lab ID:	230661-001	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	mg/Kg	Prepared:	09/06/11
Basis:	as received	Analyzed:	09/06/11

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC607699	0.08049	0.2049	0.2918	103	63-133		
MSD	QC607700		0.2049	0.3066	110	63-133	5	39

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	METHOD
Project#:	11-319	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	178695
Lab ID:	QC607904	Prepared:	09/07/11
Matrix:	Soil	Analyzed:	09/07/11
Units:	mg/Kg		

Result	RL
ND	0.020

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	METHOD
Project#:	11-319	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	178695
Matrix:	Soil	Prepared:	09/07/11
Units:	mg/Kg	Analyzed:	09/07/11
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC607905	0.2083	0.2217	106	80-120		
BSD	QC607906	0.2083	0.2242	108	80-120	1	28

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	230661	Location:	Ashland Youth Center
Client:	Rockridge Geotechnical	Prep:	METHOD
Project#:	11-319	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	TP-7 (2-2 1/2)	Batch#:	178695
MSS Lab ID:	230661-034	Sampled:	08/30/11
Matrix:	Soil	Received:	08/30/11
Units:	mg/Kg	Prepared:	09/07/11
Basis:	as received	Analyzed:	09/07/11

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC607907	0.02809	0.2273	0.2791	110	63-133		
MSD	QC607908		0.2155	0.2560	106	63-133	4	39

RPD= Relative Percent Difference

APPENDIX B
DTSC CLEAN FILL ADVISORY

Overview

Both natural and manmade fill materials are used for a variety of purposes. Fill material properties are commonly controlled to meet the necessary site specific engineering specifications. Because most sites requiring fill material are located in or near urban areas, the fill materials are often obtained from construction projects that generate an excess of soil, and from demolition debris (asphalt, broken concrete, etc.). However, materials from those types of sites may or may not be appropriate, depending on the proposed use of the fill, and the quality of the assessment and/or mitigation measures, if necessary. Therefore, unless material from construction projects can be demonstrated to be free of contami-

nation and/or appropriate for the proposed use, the use of that material as fill should be avoided.

Selecting Fill Material

In general, the fill source area should be located in nonindustrial areas, and not from sites undergoing an environmental cleanup. Nonindustrial sites include those that were previously undeveloped, or used solely for residential or agricultural purposes. If the source is from an agricultural area, care should be taken to insure that the fill does not include former agricultural waste process byproducts such as manure or other decomposed organic material. Undesirable sources of fill material include industrial and/or commercial sites where hazardous ma-

Potential Contaminants Based on the Fill Source Area

Fill Source:	Target Compounds
Land near to an existing freeway	Lead (EPA methods 6010B or 7471A), PAHs (EPA method 8310)
Land near a mining area or rock quarry	Heavy Metals (EPA methods 6010B and 7471A), asbestos (polarized light microscopy), pH
Agricultural land	Pesticides (Organochlorine Pesticides: EPA method 8081A or 8080A; Organophosphorus Pesticides: EPA method 8141A; Chlorinated Herbicides: EPA method 8151A), heavy metals (EPA methods 6010B and 7471A)
Residential/acceptable commercial land	VOCs (EPA method 8021 or 8260B, as appropriate and combined with collection by EPA Method 5035), semi-VOCs (EPA method 8270C), TPH (modified EPA method 8015), PCBs (EPA method 8082 or 8080A), heavy metals including lead (EPA methods 6010B and 7471A), asbestos (OSHA Method ID-191)

**The recommended analyses should be performed in accordance with USEPA SW-846 methods (1996). Other possible analyses include Hexavalent Chromium: EPA method 7199*

Recommended Fill Material Sampling Schedule

Area of Individual Borrow Area	Sampling Requirements
2 acres or less	Minimum of 4 samples
2 to 4 acres	Minimum of 1 sample every 1/2 acre
4 to 10 acres	Minimum of 8 samples
Greater than 10 acres	Minimum of 8 locations with 4 subsamples per location
Volume of Borrow Area Stockpile	Samples per Volume
Up to 1,000 cubic yards	1 sample per 250 cubic yards
1,000 to 5,000 cubic yards	4 samples for first 1000 cubic yards + 1 sample per each additional 500 cubic yards
Greater than 5,000 cubic yards	12 samples for first 5,000 cubic yards + 1 sample per each additional 1,000 cubic yards

terials were used, handled or stored as part of the business operations, or unpaved parking areas where petroleum hydrocarbons could have been spilled or leaked into the soil. Undesirable commercial sites include former gasoline service stations, retail strip malls that contained dry cleaners or photographic processing facilities, paint stores, auto repair and/or painting facilities. Undesirable industrial facilities include metal processing shops, manufacturing facilities, aerospace facilities, oil refineries, waste treatment plants, etc. Alternatives to using fill from construction sites include the use of fill material obtained from a commercial supplier of fill material or from soil pits in rural or suburban areas. However, care should be taken to ensure that those materials are also uncontaminated.

Documentation and Analysis

In order to minimize the potential of introducing contaminated fill material onto a site, it is necessary

to verify through documentation that the fill source is appropriate and/or to have the fill material analyzed for potential contaminants based on the location and history of the source area. Fill documentation should include detailed information on the previous use of the land from where the fill is taken, whether an environmental site assessment was performed and its findings, and the results of any testing performed. It is recommended that any such documentation should be signed by an appropriately licensed (CA-registered) individual. If such documentation is not available or is inadequate, samples of the fill material should be chemically analyzed. Analysis of the fill material should be based on the source of the fill and knowledge of the prior land use.

Detectable amounts of compounds of concern within the fill material should be evaluated for risk in accordance with the DTSC Preliminary Endangerment Assessment (PEA) Guidance Manual. If

metal analyses are performed, only those metals (CAM 17 / Title 22) to which risk levels have been assigned need to be evaluated. At present, the DTSC is working to establish California Screening Levels (CSL) to determine whether some compounds of concern pose a risk. Until such time as these CSL values are established, DTSC recommends that the DTSC PEA Guidance Manual or an equivalent process be referenced. This guidance may include the Regional Water Quality Control Board's (RWQCB) guidelines for reuse of non-hazardous petroleum hydrocarbon contaminated soil as applied to Total Petroleum Hydrocarbons (TPH) only. The RWQCB guidelines should not be used for volatile organic compounds (VOCs) or semi-volatile organic compounds (SVOCS). In addition, a standard laboratory data package, including a summary of the QA/QC (Quality Assurance/Quality Control) sample results should also accompany all analytical reports.

When possible, representative samples should be collected at the borrow area while the potential fill material is still in place, and analyzed prior to removal from the borrow area. In addition to performing the appropriate analyses of the fill material, an appropriate number of samples should also be determined based on the approximate volume or area of soil to be used as fill material. The table above can be used as a guide to determine the number of samples needed to adequately characterize the fill material when sampled at the borrow site.

Alternative Sampling

A Phase I or PEA may be conducted prior to sampling to determine whether the borrow area may have been impacted by previous activities on the property. After the property has been evaluated, any sampling that may be required can be determined during a meeting with DTSC or appropriate regulatory agency. However, if it is not possible to analyze the fill material at the borrow area or determine that it is appropriate for use via a Phase I or PEA, it is recommended that one (1) sample per truckload be collected and analyzed for all com-

pounds of concern to ensure that the imported soil is uncontaminated and acceptable. (See chart on Potential Contaminants Based on the Fill Source Area for appropriate analyses). This sampling frequency may be modified upon consultation with the DTSC or appropriate regulatory agency if all of the fill material is derived from a common borrow area. However, fill material that is not characterized at the borrow area will need to be stockpiled either on or off-site until the analyses have been completed. In addition, should contaminants exceeding acceptance criteria be identified in the stockpiled fill material, that material will be deemed unacceptable and new fill material will need to be obtained, sampled and analyzed. Therefore, the DTSC recommends that all sampling and analyses should be completed prior to delivery to the site to ensure the soil is free of contamination, and to eliminate unnecessary transportation charges for unacceptable fill material.

Composite sampling for fill material characterization may or may not be appropriate, depending on quality and homogeneity of source/borrow area, and compounds of concern. Compositing samples for volatile and semivolatile constituents is not acceptable. Composite sampling for heavy metals, pesticides, herbicides or PAH's from unanalyzed stockpiled soil is also unacceptable, unless it is stockpiled at the borrow area and originates from the same source area. In addition, if samples are composited, they should be from the same soil layer, and not from different soil layers.

When very large volumes of fill material are anticipated, or when larger areas are being considered as borrow areas, the DTSC recommends that a Phase I or PEA be conducted on the area to ensure that the borrow area has not been impacted by previous activities on the property. After the property has been evaluated, any sampling that may be required can be determined during a meeting with the DTSC.

For further information, call Richard Coffman, Ph.D., R.G., at (818) 551-2175.