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December 23, 2009

File No. 103567/ENV2

Jones and Stokes
1 Ada, Suite 100
Irvine, California 92618

Attention: Mr. David Feytag

Subject: Limited Preliminary Phase II Environmental Site Assessment
Proposed Anaheim Regional Transportation
Intermodal Center (ARTIC) – Phase 1
Anaheim, California

Dear Mr. Feytag:

Kleinfelder is pleased to present this report of our Limited Preliminary Phase II Environmental Site Assessment for the above-referenced property. We trust the information presented in this report meets your need at this time. We appreciate this opportunity to provide our services to you. Should you require additional information or have questions regarding this report, please contact Michael Counte at (949) 727-4466.

Respectfully submitted,

KLEINFELDER WEST, INC.

Paolo M. Dizon, REA
Environmental Scientist

Herbert "Bert" A. Vogler III, PG
Senior Hydrogeologist

Michael A. Counte, REA, RBP
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LIMITED PRELIMINARY PHASE II ENVIRONMENTAL SITE ASSESSMENT PROPOSED ANAHEIM REGIONAL TRANSPORTATION INTERMODAL CENTER (ARTIC) – PHASE I ANAHEIM, CALIFORNIA

Project No. 103567/ENV2

December 23, 2009

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Report Prepared for:

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Irvine, California 92618

LIMITED PRELIMINARY PHASE II ENVIRONMENTAL SITE ASSESSMENT PROPOSED ANAHEIM REGIONAL TRANSPORTATION INTERMODAL CENTER (ARTIC) – PHASE 1 ANAHEIM, CALIFORNIA

Kleinfelder Project No. 103567/ENV2

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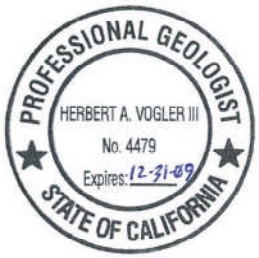

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December 23, 2009

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EXECUTIVE SUMMARY

Kleinfelder has prepared this Limited Preliminary Phase II Environmental Site Assessment (ESA) Report of the proposed Anaheim Regional Transportation Intermodal Center (ARTIC) – Phase 1 project site (the Site) for Jones and Stokes (the Client). The Site is generally located at the southeast corner of Katella Avenue and South Douglass Road in the City of Anaheim, Orange County, California (see Plate 1, Site Location Map). Kleinfelder performed this Limited Preliminary Phase II ESA to assess potential soil impact that may have resulted from the following recognized environmental conditions (RECs) and potential RECs identified in Kleinfelder's Phase I ESA report of the Site, dated July 17, 2009:

- Blue-green colored staining was observed on asphalt pavement and concrete, near a dipping vat and within a drainage swale, at the Sullivan & Mann Lumber Company at 1790 South Douglass Road.

- A gravel-filled pit was observed within a corrugated metal building on the southern portion of the Site parcel with an address of 1750 South Douglass Road. The former use of this pit is unknown to Kleinfelder and previous environmental sampling in this area was not identified by the Phase I ESA.

- The presence of undocumented fill material was reported in a former quarry on the Site parcel with an address of 1750 South Douglass Road.

In addition to the RECs and potential RECs discussed above, Kleinfelder also assessed the following potential areas of concern which we believe warranted further investigation and/or confirmation sampling:

- An inactive laboratory and a former hazardous materials storage shed are located at 1750 South Douglass Road. In addition, a paint booth was formerly located inside the present-day warehouse building at 1790 South Douglass Road.

- Paint staining was observed in close proximity to a floor drain at 1750 South Douglass Road, adjacent to a former hazardous materials storage building.

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- The Site parcel at 1750 South Douglass Road also contained a former fueling facility including two 10,000-gallon gasoline underground storage tanks (USTs), one 10,000-gallon diesel UST, two 5,000-gallon diesel USTs, and associated fuel dispensers. These USTs, along with two waste oil USTs (280-gallon and 300-gallon capacity) that were located farther to the east on the Site, were removed in March 1998. The gasoline and diesel USTs were replaced with a 20,000-gallon gasoline UST and a 20,000-gallon diesel UST, which were removed along with associated dispensers in July 2008. Based on Kleinfelder's review of available Site assessment information, the maximum detected concentrations of benzene, toluene, ethylbenzene, and total xylenes (BTEX) were in samples from a boring ("B-3") advanced by Tait Environmental Management, Inc. (Tait) to the north of the two former 10,000-gallon gasoline USTs. Soil hydrocarbon impact was also evident in samples from Tait's Boring "B-5," which was located by a former dispenser island beneath a presently-existing canopy; and in Boring "B-6," which was located between the two former 5,000-gallon diesel USTs. Borings B-5 and B-6 are at the locations where Tait reported the highest concentrations of total petroleum hydrocarbons (TPH) from its assessment. Additionally, Block Environmental (Block) reported detected concentrations of total recoverable petroleum hydrocarbons (TRPH) and tetrachloroethylene (PCE) in samples of soil stockpiled from removal of the two former waste oil USTs. The stockpiled soil was subsequently removed from the Site.

- Three hydraulic lifts and associated equipment and piping were removed from the Site parcel at 1750 South Douglass Road in September and October 2008. A soil sample collected at a depth of approximately 15 feet below grade from a remedial excavation on the north side of former "Hydraulic Lift #2" apparently contained the highest detected TPH concentration in soil not subsequently removed from this area.

- Four wastewater clarifiers and associated sewer piping were removed from the Site parcel at 1750 South Douglass Road in October 2008. The excavation areas were filled with gravel and not sealed at the surface.

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Kleinfelder's scope of services did not include sampling soil within the railroad right of way on the Site or sampling of groundwater beneath the Site. For this reason, although identified as potential RECs in the Phase I ESA report, the following were not addressed as part of this Limited Preliminary Phase II ESA:

- Former "pouring" of oil along the railroad tracks at/near the Anaheim Stadium Metrolink/Amtrak Station and the potential presence of agricultural chemicals (due to former agricultural land use on surrounding areas from at least 1938 through at least 1952) and heavy metals and creosote (from treated railroad ties associated with the railroad tracks).

- Potential impacts to Site groundwater resulting from upgradient off-Site facilities where releases are known to, or may, have impacted shallow groundwater.

This Limited Preliminary Phase II ESA included performing environmental soil sampling, laboratory analyses, and data evaluation, along with formulation of conclusions and recommendations. A summary of the assessment sampling locations is presented below:

- Kleinfelder collected environmental soil samples from six geotechnical soil borings (B-1 through B-5 and W-1) that were drilled to depths of approximately 61.5 to 101.5 feet below ground surface (bgs). The environmental samples were collected to a maximum depth of approximately 50 feet bgs. Borings B-1, B-2, and W-1 were sampled as "background" locations based on an absence of identified or suspect environmental concerns within these general areas. (Boring W-1 was subsequently converted into a geotechnical monitoring well.) Boring B-3 was sampled to assess the potential for subsurface contamination in the vicinity of a former hazardous materials storage shed. Borings B-4 and B-5 were sampled to assess the presence of undocumented fill material reported within a former quarry that was in that area of the Site. Kleinfelder submitted the environmental soil samples from these borings to a laboratory, for analysis of TPH with carbon chain identification (TPH-CCID), volatile organic compounds (VOCs) including fuel oxygenates, organochlorine pesticides (OCPs), polychlorinated biphenyls (PCBs), and California Code of Regulations (CCR)

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Title 22 Metals. These and other analyses discussed below were performed using United States Environmental Protection Agency (US EPA) methodology.

- Two environmental soil borings (KA-1 and KA-2) were advanced and sampled to a depth of approximately 15 feet bgs in the vicinity of the Sullivan & Mann Lumber Company at the Site's 1790 South Douglass Road parcel. Boring KA-1 was installed in the location of a former paint booth, and Boring KA-2 was installed within a stained concrete drainage swale near a dipping vat. Soil samples from these borings were submitted to the laboratory for analysis of TPH-CCID, VOCs, and Title 22 Metals.

- Two environmental soil borings (KA-3 and KA-9) were advanced and sampled to a maximum depth of approximately 10 feet bgs within a former hazardous materials storage shed (Boring KA-3) and in an inactive laboratory (Boring KA-9) located on the Site's 1750 South Douglass Road parcel. The soil samples from these borings were submitted to the laboratory for analysis of TPH-CCID, VOCs, OCPs, PCBs, and Title 22 Metals.

- One environmental soil boring (KA-4) was advanced and sampled to a maximum depth of approximately 4.5 feet bgs in the vicinity of a floor drain and nearby paint staining within a bermed area at the 1750 South Douglass Road parcel. Soil samples were submitted to the laboratory for analysis of TPH-CCID, VOCs, OCPs, PCBs, and Title 22 Metals.

- Four environmental soil borings (KA-5, KA-8, KA-13, and KA-16) were advanced and sampled to a maximum depth of approximately 15 feet bgs at four former wastewater clarifier locations. Soil samples were submitted to the laboratory for analysis of TPH-CCID, VOCs, OCPs, and PCBs.

- One environmental soil boring (KA-6) was advanced and sampled to a maximum depth of approximately 5 feet bgs within a gravel-filled pit observed within a corrugated metal building on the southern portion of the 1750 South Douglass Road parcel. Soil samples were submitted to the laboratory for analysis of TPH-CCID, VOCs, OCPs, PCBs, and Title 22 Metals.

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- One environmental soil boring (KA-7) was advanced and sampled to a maximum depth of approximately 20 feet bgs on the north side of former "Hydraulic Lift #2." This former lift was located within a concrete tilt-up building at the 1750 South Douglass Road parcel. Soil samples were submitted to the laboratory for analysis of TPH-CCID, VOCs, OCPs, and PCBs.

- Five environmental soil borings (KA-10 through KA-12, KA-14, and KA-15) were advanced and sampled to a maximum depth of approximately 20 feet bgs at former UST and dispenser island locations. Borings KA-10 and KA-12 were installed in the vicinity of former diesel and gasoline USTs and Boring KA-11 was installed in the vicinity of a former dispenser island. Soil samples from these borings were submitted to the laboratory for analysis of TPH-CCID and VOCs. Borings KA-14 and KA-15 were installed in the vicinity of former waste oil USTs, and soil samples from these borings were submitted to the laboratory for analysis of TPH-CCID, VOCs, and PCBs.

A summary of the assessment's findings and conclusions is presented below:

- Diesel- and oil-range TPH, at respective concentrations of 15.4 milligrams per kilogram (mg/kg) and 109 mg/kg, were detected in one soil sample collected from 20 feet bgs from Boring KA-7, which was drilled on the north side of former "Hydraulic Lift #2." The chromatograms for the diesel- and oil-range results were reported by the analytical laboratory to not match that of the diesel and motor oil standards, which suggests the presence of hydraulic oil instead of diesel fuel and motor oil. Because the 20-foot bgs sample was the deepest sample collected from this boring, it is not known whether TPH concentrations increase below a depth of 20 feet.

- The organochlorine pesticide 4,4'-dichlorodiphenyltrichloroethane (DDT) was detected at a concentration of 0.002 mg/kg in one soil sample, collected from approximately 10 feet bgs in Boring B-2, which was drilled in the central portion of the Site parcel at 1750 South Douglass Road. Deeper soil samples (collected at approximate depths of 20, 30, 40, and 50 feet bgs) that were analyzed from this boring did not contain detected DDT concentrations at or above the laboratory practical quantitation limits (PQLs). To assist in assessing the

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significance of the detected DDT concentration, Kleinfelder compared the result to the DDT US EPA Regional Screening Level (RSL) for Industrial Soil, and to the DDT California Human Health Screening Level (CHHSL) for Commercial/Industrial Land Use Soil. The RSLs and CHHSLs are human health risk-based tools for evaluating and cleaning up contaminated sites. They are considered to be protective for humans (including sensitive groups) over a lifetime. Residential values are lower and therefore more conservative than the corresponding values for Commercial/Industrial Use, but because residential Site use is not presently planned, the commercial/industrial values were judged to be appropriate for use in the comparison with Site data. Generally, if contaminant concentrations fall below RSLs and CHHSLs, no further action or study is warranted, so long as the exposure assumptions match those taken into account by the screening value calculations. The DDT Industrial Soil RSL is 7.0 mg/kg and the DDT Soil CHHSL for Commercial/Industrial Land Use is 6.4 mg/kg. Because the detected DDT concentration is far below its Industrial Soil RSL and Commercial/ Industrial Land Use Soil CHHSL, in Kleinfelder's opinion no further study with regard to concern for human health is warranted by this finding. Additionally, the detected DDT concentration was compared to the CCR Title 22 Total Threshold Limit Concentration (TTLC) value for DDT of 1.0 mg/kg, and also 10 times the CCR Title 22 Soluble Threshold Limit Concentration (STLC) value for DDT of 0.1 milligram per liter (mg/L). If a constituent's concentration in waste soil exceeds the constituent's TTLC value (assuming there is one), then the waste is California-hazardous. If a constituent's concentration in a soil waste is 10 times its STLC value or higher, then analysis for the soluble constituent is required to determine if the waste is California-hazardous. Certain constituents also have Federal and/or CCR Title 22 Toxicity Characteristic Leaching Procedure (TCLP) values, which are used to assess whether a waste is Resource Conservation and Recovery Act (RCRA)-hazardous, but DDT does not have a TCLP value. Since the detected DDT concentration is less than 10 times the DDT STLC value and also below the DDT TTLC value, on the basis of this result the tested soil would be considered a non-hazardous waste.

- The VOC toluene was detected in 16 soil samples collected from various depths (to a maximum of approximately 50 feet bgs) in Borings B-1, B-2, and B-4, at a

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maximum concentration of 0.035 mg/kg. The VOC 2-butanone (also known as methyl ethyl ketone [MEK]) was detected in one soil sample, collected from approximately 20 feet bgs from Boring B-2, at a concentration of 0.039 mg/kg. Based on our evaluation of the data and our knowledge of the Site, the source (or sources) of these VOC constituents is not readily apparent. The maximum detected concentrations of toluene and MEK are below their respective US EPA Industrial Soil RSLs of 46,000 mg/kg and 195,000 mg/kg. VOCs do not have established Soil CHHSLs, and the presence of these VOCs may pose indoor air intrusion concerns should a building be constructed in the vicinity of the sampled locations. MEK has both a Federal and CCR Title 22 TCLP value of 200 mg/L. If a constituent concentration in a soil sample is 20 times its TCLP value or higher, analysis for the soluble constituent is warranted to assess whether the material is a hazardous waste. The detected 0.039 mg/kg concentration of MEK is far below 20 times the MEK TCLP value, so on the basis of these results, the tested soil would be considered a non-hazardous waste.

- TPH, VOCs, and OCPs were not detected at or above their respective PQLs in the remaining analyzed soil samples.

- PCBs were not detected at or above their respective PQLs in the analyzed soil samples.

- The detected concentrations of metals in the soil samples for which they were analyzed are below their respective CHHSLs and RSLs and also below hazardous waste thresholds including CCR Title 22 TTLC values, 10 times the CCR Title 22 STLC values, and 20 times the Federal and CCR Title 22 TCLP values. On the basis of these results, in Kleinfelder's opinion no further study with regard to concern for human health is warranted by the detected metals, and the tested soil would be considered a non-hazardous waste.

In summary, petroleum hydrocarbons in the diesel and oil ranges were detected in a soil sample collected at approximately 20 feet bgs from Boring KA-7, in the area of the former location of "Hydraulic Lift #2." This is the area of a historic petroleum hydrocarbon release known to have impacted soil, where remedial excavation was performed under oversight of the Orange County Health Care Agency (OCHCA), which

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issued a November 21, 2008 “no further action” letter (OCHCA Case No. 08IC027) confirming completion of the remedial action. Because the 20-foot bgs sample was the deepest sample collected by Kleinfelder from this boring, it is not known whether higher TPH concentrations may be present below a depth of 20 feet bgs. For this reason, Kleinfelder recommends additional assessment of the vertical extent of impact to soil in this area, especially if Site redevelopment will involve excavation at this location.

In addition, the VOC toluene was detected in soil samples from various depths (to a maximum of 50 feet bgs) from Borings B-1, B-2, and B-4, and the VOC MEK was detected in one soil sample collected from approximately 20 feet bgs from Boring B-2. Based on our evaluation of the data and our knowledge of the Site, the source (or sources) of these VOCs is not readily apparent. Before a building is constructed in the vicinity of these sampled locations, we recommend assessment of the potential for indoor air intrusion, by performing a limited soil vapor survey.

Kleinfelder’s scope of services did not include soil sampling within the railroad right of way on the Site, or sampling of groundwater beneath the Site. To minimize risk, we therefore recommend performing soil sampling to assess for petroleum hydrocarbons, agricultural chemicals, heavy metals, and creosote in the vicinity of the railroad right of way, and performing groundwater sampling to assess for potential impact to groundwater beneath the Site resulting from upgradient off-Site facilities where releases are known to, or may, have impacted shallow groundwater.

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1 INTRODUCTION

This report presents the results of a Limited Preliminary Phase II ESA performed by Kleinfelder of the proposed ARTIC - Phase 1 project site, generally located at the southeast corner of Katella Avenue and South Douglass Road in the City of Anaheim, Orange County, California. The assessment was performed to assess the following RECs and potential RECs that were identified in Kleinfelder's Phase I ESA of the Site, dated July 17, 2009:

- Blue-green colored staining was observed on asphalt pavement and concrete, near a dipping vat and within a drainage swale, at the Sullivan & Mann Lumber Company at 1790 South Douglass Road.

- A gravel-filled pit was observed within a corrugated metal building on the southern portion of the Site parcel with an address of 1750 South Douglass Road. The former use of this pit is unknown to Kleinfelder and previous sampling in this area was not identified by the Phase I ESA.

- The presence of undocumented fill material was reported in a former quarry on the Site parcel with an address of 1750 South Douglass Road.

In addition to the RECs and potential RECs discussed above, Kleinfelder also assessed the following potential areas of concern which we believe warranted further investigation and/or confirmation sampling:

- An inactive laboratory and a former hazardous materials storage shed are located at 1750 South Douglass Road. In addition, a paint booth was formerly located inside the present-day warehouse building at 1790 South Douglass Road.

- Paint staining was observed in close proximity to a floor drain at 1750 South Douglass Road, adjacent to a former hazardous materials storage building.

- This Site parcel at 1750 South Douglass Road also contained a former fueling facility including two 10,000 gallon gasoline USTs, one 10,000-gallon diesel UST,

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two 5,000-gallon diesel USTs, and associated fuel dispensers. These USTs, along with two 280-gallon and 300-gallon capacity waste oil USTs that were located farther to the east on the Site, were removed in March 1998. The gasoline and diesel USTs were replaced with a 20,000-gallon gasoline UST and a 20,000-gallon diesel UST, which were removed, along with the associated dispensers, in July 2008. OCHCA issued a Remedial Action Completion Certification dated June 19, 1998 for the investigation and remedial action for the USTs removed in March 1998. A March 4, 2009 letter with subject "No Further Action for Diesel Fuel and Gasoline Contaminated Soil" was issued by the Anaheim Public Utilities Department (APUD) to the Orange County Department of Public Works (OCPW) for removal of the USTs in July 2008, in reference to Santa Ana Regional Water Quality Control Board (SARWQCB) Case No. 083003990T. Based on Kleinfelder's review of available Site assessment information, the maximum detected concentrations of BTEX were in samples from a boring (B-3) advanced by Tait to the north of the two former 10,000-gallon gasoline USTs. Soil hydrocarbon impact was also evident in samples from Tait's Boring B-5, which was located by a former dispenser island beneath a presently-existing canopy; and in Boring B-6, which was located between the two former 5,000-gallon diesel USTs. Borings B-5 and B-6 are at the locations where Tait reported the highest concentrations of TPH from its assessment. Additionally, Block reported detected concentrations of TRPH and PCE in samples of soil stockpiled from removal of the two former waste oil USTs.

- Three hydraulic lifts and associated equipment and piping were removed from the Site parcel at 1750 South Douglass Road in September and October 2008 under the oversight of OCHCA, which subsequently issued a November 21, 2008 case closure letter (OCHCA Case No. 08IC027) confirming completion of remedial action. A soil sample collected at a depth of approximately 15 feet bgs from a remedial excavation on the north side of former "Hydraulic Lift #2" apparently contained the highest detected TPH concentration for soil not subsequently removed from this area.

- Four wastewater clarifiers and associated sewer piping systems were removed from the Site parcel at 1750 South Douglass Road in October 2008. OCHCA's

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aforementioned November 21, 2008 Closure Letter (OCHCA Case No. 08IC027) also confirmed completion of remedial action associated with removal of these clarifiers. The excavation areas were filled with gravel but not sealed at the surface.

This Limited Preliminary Phase II ESA included performing soil sampling, laboratory analyses, and data evaluation, along with formulation of conclusions and recommendations. Kleinfelder's scope of services did not include sampling soil within the railroad right of way on the Site or sampling of groundwater beneath the Site. For this reason, although identified as potential RECs in the Phase I ESA report, the following were not addressed as part of this Limited Preliminary Phase II ESA:

- Former "pouring" of oil along the railroad tracks at/near the Anaheim Stadium Metrolink/Amtrak Station and the potential presence of agricultural chemicals (due to former agricultural land use on surrounding areas from at least 1938 through at least 1952), and heavy metals and creosote (from treated railroad ties associated with the railroad tracks).

- Potential impacts to Site groundwater resulting from upgradient off-Site facilities where releases are known to, or may, have impacted shallow groundwater.

1.1 SITE DESCRIPTION

The Site is an irregularly-shaped property consisting of nine parcels or portions thereof, which are occupied by commercial buildings, a former operations-and-maintenance facility, a lumber facility, a portion of the Los Angeles to San Diego (LOSSAN) Railroad Corridor, and the Anaheim Stadium Metrolink/Amtrak Station, or are vacant land. The vacant parcels are generally small areas along the LOSSAN Railroad Corridor that do not have associated addresses. The approximate location of the Site, with respect to surrounding topographic features, is shown on Plate 1.

1.2 SITE HISTORY

Available historic information reviewed during Kleinfelder's Phase I ESA of the Site indicates that the eastern portion of the Site (east of the approximate present-day

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location of State Route 57) appeared to be part of the Santa Ana River from at latest 1938 through 1952. Also during this period, the area of the Site which is presently occupied by the Anaheim Stadium Metrolink/Amtrak Station appeared to have been used for agricultural purposes (orchards). By at latest 1976 the Site was partially developed east of South Douglass Road and the Metrolink/Amtrak Station was in operation. Construction of the remaining developed portions of the Site took place subsequent to 1976.

1.3 PROJECT UNDERSTANDING

We understand that the Site is proposed to be re-developed as a major transit center that will provide Metrolink, Amtrak, and fixed-route bus service, and function as a regional gateway for the future California High Speed Train.

1.4 ASSESSMENT OBJECTIVES

The objective of this Limited Preliminary Phase II ESA was to assess RECs and potential RECs identified in Kleinfelder's Phase I ESA (Kleinfelder, 2009). The scope of services included the following:

- Performing a geophysical survey to locate identifiable subgrade utility lines in the immediate vicinity of proposed boreholes.
- Performing soil sampling activities, including the use of hollow-stem auger drilling and direct-push Geoprobe® technologies.
- Performing laboratory analysis of soil samples.
- Evaluating the results and documenting the assessment's findings and conclusions in this report.

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2 FIELD ACTIVITIES

Kleinfelder provided personnel to perform a geophysical survey and drilling/soil sampling with the assistance of our contractors. Kleinfelder also documented observations in the field, submitted samples for laboratory analyses, evaluated the field and analytical data, and prepared this report of findings. The following provides a description of field activities performed as part of this Limited Preliminary Phase II ESA.

2.1 HEALTH AND SAFETY PLAN AND RELATED ACTIVITIES

Prior to the initiation of field activities Kleinfelder prepared a Site-specific health and safety plan (HSP). The HSP included information concerning anticipated chemical and physical hazards that would potentially be encountered, and environmental monitoring equipment to be used during field activities. Ambient air monitoring and screening of soil samples for total VOCs with a photo-ionization detector (PID) were performed during sampling activities. Site safety was discussed with the drilling subcontractor on-Site prior to sampling. A cellular phone was available at the Site to facilitate potential emergency response. Additionally, directions to the nearest hospital were included with the HSP presented to field personnel.

2.2 UTILITY CLEARANCE

Underground Service Alert (DigAlert) provided a partial location service for major utility lines free of charge. California law requires at least 48 hours (2 business days) advance notification of DigAlert prior to performing intrusive activities, and Kleinfelder provided the required notification in accordance with State requirements to arrange for utility marking within accessible areas.

Because DigAlert may not mark underground utilities on private property, a geophysical services subcontractor was contracted to locate and mark detectable utility lines at proposed sampling locations. Geophysical instruments were used to survey the sampling locations for underground obstructions prior to initiation of intrusive field

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activities. Visual inspections of the sampling areas were also performed to assess potential subsurface obstructions.

2.3 SOIL SAMPLING

The following sections discuss the soil sampling activities performed during this assessment.

2.3.1 Sampling Program

The proposed sampling approach included the collection of soil samples from identified areas of potential environmental concern. The soil sampling was performed using a combination of drilling methods, including a conventional hollow-stem auger drill rig used between September 22 and 25, 2009, and a direct-push Geoprobe® drill rig used on October 15 and 16, 2009.

Prior to drilling, direct-push sampling locations on asphalt concrete pavement and concrete were cored using a core drill. Each boring location was subsequently cleared using a hand auger to a depth of approximately 5 feet bgs, during which time a near-surface soil sample (i.e., sample of first-encountered soil) from each boring was collected using the "grab" sampling method.

Kleinfelder's subcontractor California Pacific Drilling (Cal Pac) performed drilling of Borings B-1 through B-5 and Boring W-1 with a truck-mounted drill rig using hollow-stem augers. After collection of the "grab" near-surface sample, soil samples were collected from each of these borings using a California-modified split spoon sampler driven approximately 18 inches for each sample interval. These soil samples were collected beginning at a depth of approximately 5 feet bgs, then at approximately 10 feet bgs, and continuing at approximate 10-foot intervals beneath to a maximum depth of 50 feet bgs.

Kleinfelder's subcontractor HydroGeoSpectrum (HGS) performed direct-push drilling at 16 boring locations (KA-1 through KA-16) using a conventional truck-mounted

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Geoprobe® drill rig or limited-access direct-push drill rig, as dictated by Site access conditions. Following collection of a "grab" near-surface sample at each location, soil samples were collected at varying depths, beginning at a depth of approximately 3 feet bgs at selected locations and continuing to a maximum depth of approximately 25 feet bgs. For each specified sampling location and depth, the Geoprobe® soil sampling system was attached to deployment rods, advanced to the desired sampling depth, and subsequently driven approximately 2 feet (unless refusal was encountered) to acquire the soil sample.

2.3.2 Soil Sample Collection

Kleinfelder field personnel performed the soil sampling under the technical guidance of a State of California Professional Geologist (PG). The near-surface soil samples were collected using a decontaminated hand auger and placed into 8-ounce glass jars and pre-preserved volatile organic analysis (VOA) vials as further discussed below. Relatively-undisturbed soil samples were collected from the hollow-stem auger borings using a split-spoon sampler lined with 2.5-inch diameter by 6-inch long stainless steel sleeves, and from the direct-push borings using a Geoprobe® soil sampler lined with acetate sleeves. For each specified sampling depth in each boring, a portion of the retrieved soil core sample was cut off and covered with Teflon® sheeting followed by tight-fitting plastic caps.

Soil samples were screened in the field using a PID calibrated to a 50-part per million by volume (ppmv) hexane standard. The PID had a detection limit of 0.1 ppmv. A portion of the soil from each sample interval was placed in a clean, resealable plastic bag that was subsequently sealed. The bag remained sealed at ambient air temperature for approximately 10 minutes to allow potential VOC vapors to volatize into the bag's headspace. Then the probe tip of the PID was placed into the bag by unsealing a small length of the seal, and the VOC vapor reading was recorded on the log of boring (see logs provided in Appendix A).

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For soil samples intended for VOC analysis, a portion of the soil sample was placed in pre-preserved, laboratory-prepared VOA vials in accordance with US EPA Method 5035.

Each soil sample was labeled with a unique sample identification number, the project number, and date, and placed in an ice-chilled cooler for delivery under chain-of-custody (COC) protocol for analysis to Enviro-Chem, Inc. in Pomona, California.

Except for Boring W-1, after completion of soil sampling each boring was back-filled with bentonite slurry or hydrated bentonite chips or granules, and then the surface was patched with asphalt or concrete if appropriate to match the surrounding area. Boring W-1 was subsequently converted to a geotechnical monitoring well.

2.3.3 Borehole Logging

Kleinfelder field personnel, under the technical guidance of a State of California PG, examined the sampled soil and classified it in general accordance with the Unified Soils Classification System (USCS), using visual-manual procedures as described in ASTM International (formerly known as American Society for Testing and Materials) Designation D 2488-93. Additional geologic observations were noted as appropriate.

2.3.4 Equipment Decontamination

Drilling equipment used in Kleinfelder's assessment was decontaminated prior to use by high-pressure hot water washing. Soil sampling equipment was cleaned prior to collecting each sample by washing in a non-phosphate detergent (i.e., Liquinox®) and tap water wash, using a brush to dislodge soil, dirt, or other encrusted materials, and then double rinsing in distilled water.

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2.3.5 Investigation-Derived Waste

For soil borings drilled using the hollow-stem auger drill rig, soil cuttings were collected and contained in labeled Department of Transportation (DOT) 17H, 55-gallon drums, and temporarily stored on the Site pending profiling and disposal. Rinse water generated during cleaning of equipment was also collected and contained in labeled DOT 17H, 55-gallon drums pending disposal.

For soil borings drilled using direct-push equipment, the soil sampling generated minimal to no soil cuttings.

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3 ANALYTICAL PROGRAM

The following is a summary of the analyses performed on soil samples collected from the Site. Based on field observations and Site use, soil samples from the following borings were analyzed for the indicated constituents:

- Soil samples collected from Borings B-1 through B-5 and Boring W-1 were analyzed for TPH-CCID using US EPA Method 8015B, VOCs including fuel oxygenates using US EPA Methods 5035/8260B, OCPs using US EPA Method 8081A, PCBs using US EPA Method 8082, and Title 22 Metals using US EPA Methods 6010B/7471A.

- Soil samples collected from Borings KA-1 and KA-2 were analyzed for TPH-CCID using US EPA Method 8015B, VOCs using US EPA Methods 5035/8260B, and Title 22 Metals using US EPA Methods 6010B/7471A.

- Soil samples collected from Borings KA-3, KA-4, KA-6, and KA-9 were analyzed for TPH-CCID using US EPA Method 8015B, VOCs using US EPA Methods 5035/8260B, OCPs using US EPA Method 8081A, PCBs using US EPA Method 8082, and Title 22 Metals using US EPA Methods 6010B/7471A.

- Soil samples collected from Borings KA-5, KA-7, KA-8, KA-13, and KA-16 were analyzed for TPH-CCID using US EPA Method 8015B, VOCs using US EPA Methods 5035/8260B, OCPs using US EPA Method 8081A, and PCBs using US EPA Method 8082.

- Soil samples collected from Borings KA-10 through KA-12 were analyzed for TPH-CCID using US EPA Method 8015B and VOCs using US EPA Methods 5035/8260B.

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- Soil samples collected from Borings KA-14 and KA-15 were analyzed for TPH-CCID using US EPA Method 8015B, VOCs using US EPA Methods 5035/8260B, and PCBs using US EPA Method 8082.

The soil analytical laboratory reports and chain-of-custody records are provided in Appendix B.

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4 RESULTS

4.1 FIELD RESULTS

The soils encountered in the borings consisted of interbedded layers of sand, silty sand, clayey sand, sandy silt, gravel, clay, and sandy clay. Based on Kleinfelder's review of the logs, sands and silty sands appear to predominate at relatively shallow depths (to approximately 20 to 60 feet bgs depending on the location), whereas silts and clays tend to predominate at deeper depths (to approximately 80 to 85 feet bgs), although the deeper soils in Borings B-4, B-5, and W-1 include interbedded sand, silty sand, and gravel. Groundwater was encountered in only four of Kleinfelder's borings, at an approximate depth of 83 feet bgs in Boring B-2, 58 feet bgs in Boring B-3, 87 feet bgs in Boring B-4, and 25 feet bgs and 56 feet bgs in Boring W-1. Based on deeper soil samples that were not wet in Borings B-3 and W-1, the groundwater encountered in these borings appears likely to have been perched. Groundwater was not encountered in the remaining borings, although the geotechnical soil sample collected from 51 feet bgs in Boring B-1 exhibited free water, suggesting a possibility of perched groundwater at this location also. A more-detailed description of the interpreted soil profile at each of the boring locations, based on the logged soil samples, is presented in Appendix A. The indicated groupings represent the predominant materials encountered, although relatively thin, discontinuous layers of different material may occur within the major divisions.

Petroleum hydrocarbon odors were noted in the two soil samples collected from Boring KA-12 at approximately 15 feet bgs and 19 feet bgs. There were no noticeable chemical/hydrocarbon odors or staining in the soil samples collected from the remaining borings. VOC vapors were detected by the PID in the screened soil samples from the following borings:

- Boring B-1 – Five samples, at concentrations ranging from 0.5 ppmv to 2.0 ppmv.
- Boring B-2 – 12 samples, at concentrations ranging from 1.1 ppmv to 4.6 ppmv.
- Boring B-3 – Six samples, at concentrations ranging from 0.5 ppmv to 2.3 ppmv.
- Boring B-4 – Six samples, at concentrations ranging from 0.4 ppmv to 3.6 ppmv.

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- Boring B-5 – Eight samples, at concentrations ranging from 0.9 ppmv to 3.1 ppmv.
- Boring KA-15 – Two samples, at concentrations ranging from 0.2 ppmv to 0.4 ppmv.
- Boring KA-16 – Two samples, at concentrations ranging from 0.2 ppmv to 0.8 ppmv.

4.2 SOIL ANALYTICAL RESULTS

Analytical results for organic constituents (TPH-CCID, VOCs, OCPs, and PCBs) are summarized in Table 1. Analytical results for Title 22 Metals are summarized in Table 2. Approximate boring locations are shown on Plate 2. A summary of soil analytical results for the areas assessed follows:

- TPH in the diesel and oil ranges were detected in the 20-foot bgs soil sample collected from Boring KA-7, at respective concentrations of 15.4 mg/kg and 109 mg/kg. Boring KA-7 was drilled on the north side of former "Hydraulic Lift #2." The chromatograms for the diesel- and oil-range results were reported by the analytical laboratory to not match that of the diesel or motor oil standards.

- No TPH in the gasoline, diesel, and oil ranges was detected at or above the PQLs in the remaining analyzed soil samples.

- The VOC toluene was detected in 16 soil samples collected from various depths (maximum of approximately 50 feet bgs) in three borings (B-1, B-2, and B-4). Toluene was detected at a maximum concentration of 0.035 mg/kg in the 20-foot bgs soil sample collected from Boring B-2. Toluene was not detected in samples from the remaining borings.

- The VOC MEK was detected at a concentration of 0.039 mg/kg in the 20-foot bgs soil sample collected from Boring B-2, but was not detected at or above the PQL in either the other analyzed samples from this boring or in samples from other borings.

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- No other VOCs were detected at or above the laboratory PQLs in the analyzed soil samples.

- The organochlorine pesticide DDT was detected in the 10-foot bgs soil sample collected from Boring B-2 at a concentration of 0.002 mg/kg. No other OCPs were detected at or above the laboratory PQLs in this sample.

- No OCPs were detected at or above the laboratory PQLs in the remaining analyzed soil samples.

- No PCBs were detected at concentrations at or above the laboratory PQLs in the analyzed soil samples.

- Nine of the 17 CCR Title 22 Metals were detected at or above their respective PQLs in some or all of the analyzed soil samples. Cadmium was detected in three samples, at a maximum concentration of 0.669 mg/kg in the 1-foot bgs sample from Boring KA-1. Cobalt was detected in 15 samples, at a maximum concentration of 4.69 mg/kg in the 5-foot bgs sample from Boring KA-2. Nickel was detected in 42 samples, at a maximum concentration of 18.8 mg/kg in the 20-foot bgs sample from Boring B-5. Lead was detected in 52 samples, at a maximum concentration of 33.8 mg/kg in the 5-foot bgs sample from Boring KA-2. Copper was detected in 55 samples, at a maximum concentration of 57.1 mg/kg in the 40-foot bgs sample from Boring B-2. Vanadium was also detected in 55 samples, at a maximum concentration of 55.4 mg/kg in the 20-foot bgs sample from Boring B-5. Barium was detected in 58 samples, at a maximum concentration of 157 mg/kg in the 20-foot bgs sample from Boring B-5. Chromium and zinc were detected in all 59 soil samples, at respective maximum concentrations of 27.6 mg/kg and 97.8 mg/kg, in the 20-foot bgs sample from Boring B-5.

- The remaining eight CCR Title 22 Metals were not detected at or above their respective PQLs in the 59 soil samples analyzed for metals. The eight metals that were not detected were antimony, arsenic, beryllium, mercury, molybdenum, silver, selenium, and thallium.

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5 EVALUATION, CONCLUSIONS, AND RECOMMENDATIONS

Detected concentrations of analytes in soil were compared to the April 2009 RSLs for Industrial Soil tabulated by US EPA (US EPA, 2009) and to Soil CHHSLs for Commercial/Industrial Land Use published by the California Environmental Protection Agency (Cal/EPA) in January 2005 (Cal/EPA, 2005), providing that the specific analyte had an RSL and/or CHHSL. The RSLs and CHHSLs are human health risk-based tools for evaluating and cleaning up contaminated sites. They are considered to be protective for humans (including sensitive groups) over a lifetime. Residential values are lower and therefore more conservative than the corresponding values for Commercial/Industrial Use, but because residential Site use is not presently planned, the commercial/industrial values were judged to be appropriate for use in the comparison with Site data. Generally, if contaminant concentrations fall below RSLs and CHHSLs, no further action or study is warranted, so long as the exposure assumptions match those taken into account by the screening value calculations.

Analyte concentrations in soil were also compared to CCR Title 22 hazardous waste thresholds (i.e., the TTLC values and 10 times the STLC values) and to the Federal and CCR Title 22 TCLP values, again providing that there were such values for the specific analyte. If a constituent's concentration in waste soil exceeds the constituent's TTLC value (assuming there is one), then the waste is California-hazardous. If a constituent's concentration in a soil waste is 10 times its STLC value or higher, then analysis for the soluble constituent is required to determine if the waste is California-hazardous. Certain constituents also have Federal and/or CCR Title 22 TCLP values, which are used to further assess whether a waste is RCRA-hazardous. If a constituent concentration in a soil sample is 20 times its TCLP value or higher, analysis for the soluble constituent is warranted to determine if the material may be a hazardous waste.

Based on the results and findings of this assessment, Kleinfelder concludes the following:

- Diesel-range and oil-range TPH, at respective concentrations of 15.4 mg/kg and 109 mg/kg, were detected in one soil sample, collected at 20 feet bgs from

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Boring KA-7, which was drilled on the north side of the location of former "Hydraulic Lift #2." The fact that the chromatograms for the diesel- and oil-range results were reported by the analytical laboratory to not match that of the diesel or motor oil standard suggests the presence of hydraulic oil in this sample instead of diesel fuel and motor oil. Although the total TPH concentration of 124.4 mg/kg does not necessarily warrant action, the 20-foot bgs sample was the deepest sample collected from this boring, so it is not known whether TPH concentrations increase below a depth of 20 feet. For this reason, additional assessment of the vertical extent of impact to soil in this area is recommended, especially if Site redevelopment will involve excavation in this area.

- DDT was detected at a concentration of 0.002 mg/kg in one soil sample, collected from approximately 10 feet bgs in Boring B-2, which was drilled in the central portion of the Site's 1750 South Douglass Road parcel. The detected concentration is far below the US EPA Industrial Soil RSL of 7.0 mg/kg and the Soil Commercial/Industrial Land Use CHHSL of 6.4 mg/kg. Based on this, in Kleinfelder's opinion no further study with regard to concern for human health is warranted. Additionally, the detected DDT concentration is far below the CCR Title 22 TTLC value for DDT of 1.0 mg/kg, and also far below 10 times the CCR Title 22 STLC value for DDT of 0.1 mg/L. Since DDT does not have a TCLP value and the detected DDT concentration is less than 10 times the DDT STLC value and also below the DDT TTLC value, on the basis of these results the tested soil would be considered non-hazardous waste. DDT was not detected at or above the laboratory PQLs in the deeper soil samples (20, 30, 40, and 50 feet bgs) analyzed from this boring. No additional assessment is recommended for DDT.

- The VOC toluene was detected at a maximum concentration of 0.035 mg/kg in 16 soil samples collected from various depths (to a maximum of approximately 50 feet bgs) in Borings B-1, B-2, and B-4. In addition, the VOC MEK was detected in one soil sample, collected from approximately 20 feet bgs from Boring B-2, at a concentration of 0.039 mg/kg. Based on our evaluation of the data and our knowledge of the Site, the source of these VOC constituents is not readily apparent. The detected maximum concentrations of toluene and MEK

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are below their respective US EPA Industrial RSLs of 46,000 mg/kg and 195,000 mg/kg. Toluene and MEK do not have soil CHHSLs, and the presence of these VOCs may pose indoor air intrusion concerns should a building be constructed in the vicinity of the sampled locations. Before a building is constructed in the area of these locations, we recommend assessment of the potential for indoor air intrusion by performing a limited soil vapor study. MEK has both a Federal and CCR Title 22 TCLP value of 200 mg/L. The detected 0.039 mg/kg concentration of MEK is far below 20 times the TCLP value, so on the basis of these results the tested soil would not be considered a hazardous waste.

- The detected concentrations of metals in the soil samples analyzed for these constituents are below hazardous waste thresholds including TTLC values, 10 times the STLC values, and 20 times the TCLP values. The detected metal concentrations in the soil samples are also below their respective RSLs and CHHSLs. Kleinfelder therefore recommends no further assessment concerning the detected metals.

- TPH, VOCs, and OCPs were not detected at or above PQLs in the remaining soil samples collected from these and other sampled locations. No additional assessment of these other areas is recommended.

- PCBs were not detected at or above PQLs in the soil samples. No additional assessment for PCBs is recommended.

In summary, petroleum hydrocarbons in the diesel and oil ranges were detected in a soil sample collected at approximately 20 feet bgs from Boring KA-7, in the area of the former location of "Hydraulic Lift #2." This is the area of a historic petroleum hydrocarbon release known to have impacted soil, where remedial excavation was performed under oversight of OCHCA, which issued a November 21, 2008 "no further action" letter (OCHCA Case No. 08IC027) confirming completion of the remedial action. Because the 20-foot bgs sample was the deepest sample collected by Kleinfelder from this boring, it is not known whether higher TPH concentrations may be present below a depth of 20 feet bgs. We therefore recommend further assessment of the extent of impact to soil in this area, especially if Site redevelopment will involve excavation here.

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In addition, VOC constituents were encountered at various depths, up to 50 feet bgs, in soil samples from Borings B-1, B-2, and B-4. Based on our evaluation of the data and our knowledge of the Site, the source of these VOCs is not readily apparent. Before a building is constructed in the vicinity of these sampled locations, we recommend assessment of the potential for indoor air intrusion by performing a limited soil vapor survey.

Based on laboratory analytical results for the other analyzed constituents and areas of potential concern, no apparent significant impact has resulted from former Site operations in the other areas investigated.

Kleinfelder's scope of services did not include soil sampling within the railroad right of way on the Site or sampling of groundwater beneath the Site. To minimize risk, we therefore recommend performing soil sampling to assess for petroleum hydrocarbons, agricultural chemicals, heavy metals, and creosote in the vicinity of the railroad right of way, and performing groundwater sampling to assess for potential impact to groundwater beneath the Site resulting from upgradient off-Site facilities where releases are known to, or may, have impacted shallow groundwater.

If unanticipated suspect soil contamination is encountered during future Site redevelopment activities, Kleinfelder recommends stopping construction activity in the area, implementing appropriate health and safety procedures, and notifying Kleinfelder so that we may perform further assessment.

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6 LIMITATIONS

This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

This report may be used only by the Client and the registered design professional in responsible charge and only for the purposes stated for this specific engagement within a reasonable time from its issuance, but in no event later than 2 years from the date of the report.

The work performed was based on project information provided by the Client. If the Client does not retain Kleinfelder to review any plans and specifications, including any revisions or modifications to the plans and specifications, Kleinfelder assumes no responsibility for the suitability of our recommendations. In addition, if there are any changes in the field to the plans and specifications, Client must obtain written approval from Kleinfelder's engineer that such changes do not affect our recommendations. Failure to do so will vitiate Kleinfelder's recommendations.

Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. It should be recognized that definition and evaluation of geologic and environmental conditions are a difficult and inexact science. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present due to the limitations of data from field studies. Although risk can never be eliminated, more-detailed and extensive studies yield more information, which may help understand and manage the level of risk. Since detailed study and analysis involves greater expense, our clients participate in determining levels of service that provide adequate information for their purposes at

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acceptable levels of risk. More extensive studies, including subsurface studies or field tests, should be performed to reduce uncertainties. Acceptance of this report will indicate that the Client has reviewed the document and determined that it does not need or want a greater level of service than provided.

During the course of the performance of Kleinfelder's services, hazardous materials may have been discovered. Kleinfelder assumes no responsibility or liability whatsoever for any claim, loss of property value, damage, or injury that results from preexisting hazardous materials being encountered or present on the project site, or from the discovery of such hazardous materials. Nothing contained in this report should be construed or interpreted as requiring Kleinfelder to assume the status of an owner, operator, or generator, or person who arranges for disposal, transport, storage or treatment of hazardous materials within the meaning of any governmental statute, regulation or order. The Client is solely responsible for directing notification of all governmental agencies, and the public at large, of the existence, release, treatment or disposal of any hazardous materials observed at the project site, either before or during performance of Kleinfelder's services. The Client is responsible for directing all arrangements to lawfully store, treat, recycle, dispose, or otherwise handle hazardous materials, including cuttings and samples resulting from Kleinfelder's services.

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7 REFERENCES

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TABLES

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TABLE 1
SOIL ANALYTICAL RESULTS FOR
TPH-CCID, VOCs, OCPs, and PCBs
Proposed Anaheim Regional Transportation
Intermodal Center (ARTIC) - Phase 1
Anaheim, California

Boring Number	Sample Number	Date Sampled	Sample Depth	TPH-gasoline	TPH-diesel	TPH-oil	2-Butanone (MEK)	Toluene	Other VOCs	OCPs	PCBs
			(feet)	8015B	8015B	8015B	8260B	8260B	8260B	8081A	8082
				Concentration in mg/kg							
B-1	B-1-1.5	24-Sep-09	1.5	<10	<10	<50	<0.020	**0.005**	<0.005-0.020	<0.001-0.020	<0.010
	B-1-5	24-Sep-09	5	<100	<100	<500	<0.020	**0.010**	<0.005-0.020	<0.010-0.200	<0.100
	B-1-10	24-Sep-09	10	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-1-20	24-Sep-09	20	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-1-30	24-Sep-09	30	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-1-40	24-Sep-09	40	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-1-50	24-Sep-09	50	<10	<10	<50	<0.020	**0.007**	<0.005-0.020	<0.001-0.020	<0.010
B-2	B-2-1.5	24-Sep-09	1.5	<10	<10	<50	<0.020	**0.010**	<0.005-0.020	<0.001-0.020	<0.010
	B-2-5	24-Sep-09	5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-2-10	24-Sep-09	10	<10	<10	<50	<0.020	**0.008**	<0.005-0.020	**4,4'-DDT - 0.002**	<0.010
	B-2-20	24-Sep-09	20	<10	<10	<50	**0.039**	**0.035**	<0.005-0.020	<0.001-0.020	<0.010
	B-2-30	24-Sep-09	30	<10	<10	<50	<0.020	**0.011**	<0.005-0.020	<0.001-0.020	<0.010
	B-2-40	24-Sep-09	40	<10	<10	<50	<0.020	**0.006**	<0.005-0.020	<0.001-0.020	<0.010
	B-2-50	24-Sep-09	50	<10	<10	<50	<0.020	**0.013**	<0.005-0.020	<0.001-0.020	<0.010
B-3	B-3-1.5	22-Sep-09	1.5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-3-5	22-Sep-09	5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-3-10	22-Sep-09	10	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-3-20	22-Sep-09	20	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-3-30	22-Sep-09	30	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-3-40	22-Sep-09	40	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-3-50	22-Sep-09	50	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
B-4	B-4-1	23-Sep-09	1	<10	<10	<50	<0.020	**0.005**	<0.005-0.020	<0.001-0.020	<0.010
	B-4-5	23-Sep-09	5	<10	<10	<50	<0.020	**0.011**	<0.005-0.020	<0.001-0.020	<0.010
	B-4-10	23-Sep-09	10	<10	<10	<50	<0.020	**0.024**	<0.005-0.020	<0.001-0.020	<0.010
	B-4-20	23-Sep-09	20	<10	<10	<50	<0.020	**0.005**	<0.005-0.020	<0.001-0.020	<0.010
	B-4-30	23-Sep-09	30	<10	<10	<50	<0.020	**0.020**	<0.005-0.020	<0.001-0.020	<0.010
	B-4-40	23-Sep-09	40	<10	<10	<50	<0.020	**0.025**	<0.005-0.020	<0.001-0.020	<0.010
	B-4-50	23-Sep-09	50	<10	<10	<50	<0.020	**0.008**	<0.005-0.020	<0.001-0.020	<0.010
B-5	B-5-1.5	22-Sep-09	1.5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-5-5	22-Sep-09	5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-5-10	22-Sep-09	10	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-5-20	22-Sep-09	20	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-5-30	22-Sep-09	30	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-5-40	22-Sep-09	40	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	B-5-50	22-Sep-09	50	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
W-1	W-1-1.5	25-Sep-09	1.5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	W-1-5	25-Sep-09	5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	W-1-10	25-Sep-09	10	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	W-1-20	25-Sep-09	20	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	W-1-30	25-Sep-09	30	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	W-1-40	25-Sep-09	40	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	W-1-50	25-Sep-09	50	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010

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TABLE 1
SOIL ANALYTICAL RESULTS FOR
TPH-CCID, VOCs, OCPs, and PCBs
Proposed Anaheim Regional Transportation
Intermodal Center (ARTIC) - Phase 1
Anaheim, California

Boring Number	Sample Number	Date Sampled	Sample Depth	TPH-gasoline	TPH-diesel	TPH-oil	2-Butanone (MEK)	Toluene	Other VOCs	OCPs	PCBs
			(feet)	8015B	8015B	8015B	8260B	8260B	8260B	8081A	8082
				Concentration in mg/kg							
KA-1	KA-1-1	15-Oct-09	1	<10	<10	<50	<0.020	<0.005	--	--	--
	KA-1-5	15-Oct-09	5	<10	<10	<50	<0.020	<0.005	--	--	--
	KA-1-10	15-Oct-09	10	<10	<10	<50	<0.020	<0.005	--	--	--
	KA-1-15	15-Oct-09	15	<10	<10	<50	<0.020	<0.005	--	--	--
KA-2	KA-2-1	15-Oct-09	1	<10	<10	<50	<0.020	<0.005	--	--	--
	KA-2-5	15-Oct-09	5	<10	<10	<50	<0.020	<0.005	--	--	--
	KA-2-10	15-Oct-09	10	<10	<10	<50	<0.020	<0.005	--	--	--
	KA-2-15	15-Oct-09	15	<10	<10	<50	<0.020	<0.005	--	--	--
KA-3	KA-3-1	15-Oct-09	1	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	KA-3-6	15-Oct-09	6	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
KA-4	KA-4-2.5	15-Oct-09	2.5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	KA-4-4.5	15-Oct-09	4.5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
KA-5	KA-5-5.5	15-Oct-09	5.5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	KA-5-10	15-Oct-09	10	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	KA-5-15	15-Oct-09	15	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
KA-6	KA-6-3	15-Oct-09	3	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	KA-6-5	15-Oct-09	5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
KA-7	KA-7-15	15-Oct-09	15	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
	KA-7-20	15-Oct-09	20	<10	**15.4***	**109^**	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
KA-8	KA-8-5	15-Oct-09	5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.010
KA-9	KA-9-2.5	16-Oct-09	2.5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.01
	KA-9-5	16-Oct-09	5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.01
	KA-9-10	16-Oct-09	10	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.01
KA-10	KA-10-15	16-Oct-09	15	<10	<10	<50	<0.020	<0.005	--	--	--
	KA-10-20	16-Oct-09	20	<10	<10	<50	<0.020	<0.005	--	--	--
KA-11	KA-11-15	16-Oct-09	15	<10	<10	<50	<0.020	<0.005	--	--	--
KA-12	KA-12-15	16-Oct-09	15	<10	<10	<50	<0.020	<0.005	--	--	--
	KA-12-19	16-Oct-09	19	<10	<10	<50	<0.020	<0.005	--	--	--
KA-13	KA-13-5	16-Oct-09	5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.01
	KA-13-10	16-Oct-09	10	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.01
	KA-13-14.5	16-Oct-09	14.5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.01
KA-14	KA-14-5	16-Oct-09	5	<10	<10	<50	<0.020	<0.005	--	--	<0.01
	KA-14-10	16-Oct-09	10	<10	<10	<50	<0.020	<0.005	--	--	<0.01
	KA-14-13	16-Oct-09	13	<10	<10	<50	<0.020	<0.005	--	--	<0.01
KA-15	KA-15-5	16-Oct-09	5	<10	<10	<50	<0.020	<0.005	--	--	<0.01
	KA-15-10	16-Oct-09	10	<10	<10	<50	<0.020	<0.005	--	--	<0.01
	KA-15-15	16-Oct-09	15	<10	<10	<50	<0.020	<0.005	--	--	<0.01
KA-16	KA-16-6.5	16-Oct-09	6.5	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.01
	KA-16-10	16-Oct-09	10	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.01
	KA-16-14	16-Oct-09	14	<10	<10	<50	<0.020	<0.005	<0.005-0.020	<0.001-0.020	<0.01

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TABLE 1
SOIL ANALYTICAL RESULTS FOR
TPH-CCID, VOCs, OCPs, and PCBs
Proposed Anaheim Regional Transportation
Intermodal Center (ARTIC) - Phase 1
Anaheim, California

Boring Number	Sample Number	Date Sampled	Sample Depth	TPH-gasoline	TPH-diesel	TPH-oil	2-Butanone (MEK)	Toluene	Other VOCs	OCPs	PCBs
			(feet)	8015B	8015B	8015B	8260B	8260B	8260B	8081A	8082
				Concentration in mg/kg							
US EPA Industrial Soil RSL				NL	NL	NL	195,000	46,000	Vary	4'4-DDT - 7.0	0.057
Commercial/Industrial CHHSL for Soil				NL	NL	NL	NL	NL	NL	4'4-DDT - 6.3	0.3

Notes: TPH-CCID = Total petroleum hydrocarbons with carbon chain identification
TPH = Total petroleum hydrocarbons
MEK = Methyl ethyl ketone
VOCs = Volatile organic compounds
OCPs = Organochlorine pesticides
PCBs = Polychlorinated biphenyls
8015B = United States Environmental Protection Agency (US EPA) Analytical Method Number
mg/kg = Milligrams per kilogram
<10 = Not detected above the indicated laboratory detection limit
-- = Not analyzed
* = Peaks in diesel range but chromatogram does not match that of diesel standard
^ = Peaks in motor oil range but chromatogram does not match that of motor oil standard
RSL = Regional Screening Level
CHHSL = California Human Health Screening Level
NL = No listed value
Bold value indicates detected concentration

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TABLE 2
SOIL ANALYTICAL RESULTS FOR
CCR TITLE 22 METALS
Proposed Anaheim Regional Transportation
Intermodal Center (ARTIC) - Phase 1
Anaheim, California

Boring Number	Sample Number	Date Sampled	Sample Depth	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
			(feet)	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	7471A	6010B	6010B	6010B	6010B	6010B	6010B	6010B
				Concentration in mg/kg																
B-1	B-1-1.5	24-Sep-09	1.5	<1.0	<0.3	**30.6**	<0.5	<0.5	**6.16**	<1.0	**4.53**	**1.87**	<0.01	<5.0	**3.72**	<1.0	<1.0	<1.0	**13.5**	**25.2**
	B-1-5	24-Sep-09	5	<1.0	<0.3	**41.2**	<0.5	<0.5	**7.64**	<1.0	**5.50**	**2.80**	<0.01	<5.0	**4.78**	<1.0	<1.0	<1.0	**16.6**	**46.6**
	B-1-10	24-Sep-09	10	<1.0	<0.3	**27.5**	<0.5	<0.5	**4.07**	<1.0	**5.56**	**0.634**	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	**9.8**	**22.8**
	B-1-20	24-Sep-09	20	<1.0	<0.3	**17.0**	<0.5	<0.5	**3.41**	<1.0	**2.29**	<0.5	<0.01	<5.0	**2.68**	<1.0	<1.0	<1.0	**8.72**	**11.7**
	B-1-30	24-Sep-09	30	<1.0	<0.3	**26.2**	<0.5	<0.5	**5.83**	<1.0	**7.63**	**0.668**	<0.01	<5.0	**3.31**	<1.0	<1.0	<1.0	**12.5**	**20.7**
	B-1-40	24-Sep-09	40	<1.0	<0.3	**14.8**	<0.5	<0.5	**2.69**	<1.0	**12.4**	<0.5	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	**6.74**	**12.7**
	B-1-50	24-Sep-09	50	<1.0	<0.3	**136**	<0.5	<0.5	**17.8**	<1.0	**23.4**	**7.83**	<0.01	<5.0	**18.1**	<1.0	<1.0	<1.0	**36.8**	**73.8**
B-2	B-2-1.5	24-Sep-09	1.5	<1.0	<0.3	**24.0**	<0.5	<0.5	**3.88**	<1.0	**2.87**	**1.07**	<0.01	<5.0	**2.19**	<1.0	<1.0	<1.0	**11.0**	**16.1**
	B-2-5	24-Sep-09	5	<1.0	<0.3	**17.9**	<0.5	<0.5	**3.03**	<1.0	**2.94**	**0.760**	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	**8.01**	**12.9**
	B-2-10	24-Sep-09	10	<1.0	<0.3	**33.4**	<0.5	<0.5	**5.40**	<1.0	**6.54**	**14.3**	<0.01	<5.0	**3.63**	<1.0	<1.0	<1.0	**10.4**	**54.8**
	B-2-20	24-Sep-09	20	<1.0	<0.3	**112**	<0.5	<0.5	**22.7**	<1.0	**23.8**	**16.5**	<0.01	<5.0	**14.7**	<1.0	<1.0	<1.0	**43.8**	**73.1**
	B-2-30	24-Sep-09	30	<1.0	<0.3	**66.5**	<0.5	<0.5	**17.9**	<1.0	**14.4**	**2.86**	<0.01	<5.0	**11.7**	<1.0	<1.0	<1.0	**32.4**	**51.2**
	B-2-40	24-Sep-09	40	<1.0	<0.3	**51.0**	<0.5	<0.5	**11.6**	<1.0	**57.1**	**4.47**	<0.01	<5.0	**11.1**	<1.0	<1.0	<1.0	**22.6**	**52.0**
	B-2-50	24-Sep-09	50	<1.0	<0.3	**122**	<0.5	<0.5	**14.1**	<1.0	**21.6**	**7.93**	<0.01	<5.0	**15.4**	<1.0	<1.0	<1.0	**29.0**	**73.4**
B-3	B-3-1.5	22-Sep-09	1.5	<1.0	<0.3	**20.7**	<0.5	<0.5	**3.68**	<1.0	**3.27**	**1.24**	<0.01	<5.0	**2.53**	<1.0	<1.0	<1.0	**8.67**	**14.4**
	B-3-5	22-Sep-09	5	<1.0	<0.3	**27.7**	<0.5	<0.5	**5.30**	<1.0	**26.9**	**1.92**	<0.01	<5.0	**3.74**	<1.0	<1.0	<1.0	**11.4**	**26.4**
	B-3-10	22-Sep-09	10	<1.0	<0.3	**33.9**	<0.5	<0.5	**6.27**	<1.0	**23.2**	**3.32**	<0.01	<5.0	**4.04**	<1.0	<1.0	<1.0	**14.0**	**31.1**
	B-3-20	22-Sep-09	20	<1.0	<0.3	**17.7**	<0.5	<0.5	**3.52**	<1.0	**22.2**	<0.5	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	**9.19**	**18.6**
	B-3-30	22-Sep-09	30	<1.0	<0.3	**79.7**	<0.5	<0.5	**19.6**	<1.0	**17.7**	**3.12**	<0.01	<5.0	**13.3**	<1.0	<1.0	<1.0	**33.6**	**52.3**
	B-3-40	22-Sep-09	40	<1.0	<0.3	**94.3**	<0.5	<0.5	**10.9**	<1.0	**17.9**	**6.13**	<0.01	<5.0	**13.0**	<1.0	<1.0	<1.0	**25.9**	**62.5**
	B-3-50	22-Sep-09	50	<1.0	<0.3	**101**	<0.5	<0.5	**11.7**	<1.0	**20.2**	**6.45**	<0.01	<5.0	**11.5**	<1.0	<1.0	<1.0	**28.0**	**62.2**
B-4	B-4-1	23-Sep-09	1	<1.0	<0.3	**24.0**	<0.5	<0.5	**4.20**	<1.0	**4.56**	**1.36**	<0.01	<5.0	**2.65**	<1.0	<1.0	<1.0	**10.3**	**16.6**
	B-4-5	23-Sep-09	5	<1.0	<0.3	**42.6**	<0.5	<0.5	**8.23**	<1.0	**7.27**	**2.07**	<0.01	<5.0	**5.49**	<1.0	<1.0	<1.0	**17.6**	**27.2**
	B-4-10	23-Sep-09	10	<1.0	<0.3	**22.3**	<0.5	<0.5	**3.57**	<1.0	**3.56**	**2.97**	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	**9.63**	**16.1**
	B-4-20	23-Sep-09	20	<1.0	<0.3	**15.9**	<0.5	<0.5	**2.29**	<1.0	**22.9**	<0.5	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	**6.75**	**10.4**
	B-4-30	23-Sep-09	30	<1.0	<0.3	**65.1**	<0.5	<0.5	**15.4**	<1.0	**9.91**	**1.45**	<0.01	<5.0	**10.3**	<1.0	<1.0	<1.0	**28.3**	**44.0**
	B-4-40	23-Sep-09	40	<1.0	<0.3	**9.73**	<0.5	<0.5	**0.664**	<1.0	<1.0	<0.5	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	<5.0	**5.95**
	B-4-50	23-Sep-09	50	<1.0	<0.3	**119**	<0.5	<0.5	**14.6**	<1.0	**18.6**	**7.34**	<0.01	<5.0	**14.4**	<1.0	<1.0	<1.0	**32.1**	**62.5**

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TABLE 2
SOIL ANALYTICAL RESULTS FOR
CCR TITLE 22 METALS
Proposed Anaheim Regional Transportation
Intermodal Center (ARTIC) - Phase 1
Anaheim, California

Boring Number	Sample Number	Date Sampled	Sample Depth	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
			(feet)	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	7471A	6010B	6010B	6010B	6010B	6010B	6010B	6010B
				Concentration in mg/kg																
B-5	B-5-1.5	22-Sep-09	1.5	<1.0	<0.3	**24.8**	<0.5	<0.5	**3.75**	<1.0	**4.33**	**5.54**	<0.01	<5.0	**2.86**	<1.0	<1.0	<1.0	**8.81**	**18.3**
	B-5-5	22-Sep-09	5	<1.0	<0.3	**23.0**	<0.5	<0.5	**4.23**	<1.0	**5.73**	**1.47**	<0.01	<5.0	**3.01**	<1.0	<1.0	<1.0	**14.7**	**18.0**
	B-5-10	22-Sep-09	10	<1.0	<0.3	**17.5**	<0.5	<0.5	**3.35**	<1.0	**4.11**	**0.873**	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	**7.97**	**14.3**
	B-5-20	22-Sep-09	20	<1.0	<0.3	**157**	<0.5	<0.5	**27.6**	<1.0	**33.0**	**20.3**	<0.01	<5.0	**18.8**	<1.0	<1.0	<1.0	**55.4**	**97.8**
	B-5-30	22-Sep-09	30	<1.0	<0.3	**68.3**	<0.5	<0.5	**15.8**	<1.0	**23.9**	**2.20**	<0.01	<5.0	**10.6**	<1.0	<1.0	<1.0	**28.1**	**51.1**
	B-5-40	22-Sep-09	40	<1.0	<0.3	**70.1**	<0.5	<0.5	**11.5**	<1.0	**28.7**	**4.18**	<0.01	<0.5	**12.6**	<1.0	<1.0	<1.0	**22.8**	**54.2**
	B-5-50	22-Sep-09	50	<1.0	<0.3	**51.3**	<0.5	<0.5	**6.99**	<1.0	**16.6**	**3.68**	<0.01	<5.0	**9.07**	<1.0	<1.0	<1.0	**18.8**	**41.1**
W-1	W-1-1.5	25-Sep-09	1.5	<1.0	<0.3	**8.61**	<0.5	<0.5	**0.711**	<1.0	<1.0	<0.5	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	<5.0	**5.11**
	W-1-5	25-Sep-09	5	<1.0	<0.3	**40.6**	<0.5	<0.5	**6.95**	<1.0	**35.0**	**3.94**	<0.01	<5.0	**5.11**	<1.0	<1.0	<1.0	**15.7**	**37.3**
	W-1-10	25-Sep-09	10	<1.0	<0.3	**18.7**	<0.5	<0.5	**2.91**	<1.0	**2.56**	**0.655**	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	**6.84**	**13.3**
	W-1-20	25-Sep-09	20	<1.0	<0.3	**10.4**	<0.5	<0.5	**1.78**	<1.0	<1.0	<0.5	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	<5.0	**7.09**
	W-1-30	25-Sep-09	30	<1.0	<0.3	**72.7**	<0.5	<0.5	**11.6**	<1.0	**18.3**	**3.96**	<0.01	<5.0	**9.51**	<1.0	<1.0	<1.0	**25.4**	**50.6**
	W-1-40	25-Sep-09	40	<1.0	<0.3	**26.7**	<0.5	<0.5	**5.18**	<1.0	**31.6**	**2.27**	<0.01	<5.0	**6.54**	<1.0	<1.0	<1.0	**9.10**	**34.4**
	W-1-50	25-Sep-09	50	<1.0	<0.3	**93.7**	<0.5	<0.5	**9.27**	<1.0	**13.5**	**4.83**	<0.01	<5.0	**10.2**	<1.0	<1.0	<1.0	**20.4**	**50.2**
KA-1	KA-1-1	15-Oct-09	1	<1.0	<0.3	**56.8**	<0.5	**0.669**	**7.46**	**3.78**	**5.61**	**22.4**	<0.01	<5.0	**4.52**	<1.0	<1.0	<1.0	**26.8**	**22.2**
	KA-1-5	15-Oct-09	5	<1.0	<0.3	**11.1**	<0.5	<0.5	**1.92**	**1.12**	**1.82**	**5.50**	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	**7.88**	**6.27**
	KA-1-10	15-Oct-09	10	<1.0	<0.3	**9.52**	<0.5	<0.5	**2.14**	**1.14**	**1.71**	**5.15**	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	**8.34**	**6.57**
	KA-1-15	15-Oct-09	15	<1.0	<0.3	**24.3**	<0.5	<0.5	**2.66**	<1.0	**1.72**	**5.97**	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	**9.61**	**7.62**
KA-2	KA-2-1	15-Oct-09	1	<1.0	<0.3	**41.2**	<0.5	<0.5	**8.10**	**4.05**	**4.29**	**16.7**	<0.01	<5.0	**3.50**	<1.0	<1.0	<1.0	**27.3**	**21.7**
	KA-2-5	15-Oct-09	5	<1.0	<0.3	**93.2**	<0.5	<0.5	**12.9**	**4.69**	**11.1**	**33.8**	<0.01	<5.0	**6.01**	<1.0	<1.0	<1.0	**49.8**	**30.3**
	KA-2-10	15-Oct-09	10	<1.0	<0.3	**36.8**	<0.5	<0.5	**2.81**	**1.60**	**2.34**	**7.34**	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	**11.8**	**8.91**
	KA-2-15	15-Oct-09	15	<1.0	<0.3	<5.0	<0.5	<0.5	**0.507**	<1.0	<1.0	**1.42**	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	<5.0	**1.75**
KA-3	KA-3-1	15-Oct-09	1	<1.0	<0.3	**22.1**	<0.5	<0.5	**3.47**	**2.10**	**3.14**	**1.65**	<0.01	<5.0	<2.5	<1.0	<1.0	<1.0	**14.7**	**10.4**
	KA-3-6	15-Oct-09	6	<1.0	<0.3	**44.1**	<0.5	<0.5	**4.31**	**1.70**	**2.76**	**11.5**	<0.01	<5.0	**3.42**	<1.0	<1.0	<1.0	**16.0**	**13.2**
KA-4	KA-4-2.5	15-Oct-09	2.5	<1.0	<0.3	**25.6**	<0.5	**0.585**	**4.43**	**2.14**	**3.96**	**10.4**	<0.01	<5.0	**2.97**	<1.0	<1.0	<1.0	**17.1**	**16.7**
	KA-4-4.5	15-Oct-09	4.5	<1.0	<0.3	**28.8**	<0.5	<0.5	**5.88**	**3.52**	**4.50**	**12.0**	<0.01	<5.0	**3.48**	<1.0	<1.0	<1.0	**20.8**	**22.0**

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TABLE 2
SOIL ANALYTICAL RESULTS FOR
CCR TITLE 22 METALS
Proposed Anaheim Regional Transportation
Intermodal Center (ARTIC) - Phase 1
Anaheim, California

Boring Number	Sample Number	Date Sampled	Sample Depth	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
			(feet)	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	7471A	6010B	6010B	6010B	6010B	6010B	6010B	6010B
				Concentration in mg/kg																
KA-5	KA-5-5.5	15-Oct-09	5.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	KA-5-10	15-Oct-09	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	KA-5-15	15-Oct-09	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
KA-6	KA-6-3	15-Oct-09	3	<1.0	<0.3	**34.9**	<0.5	<0.5	**6.53**	**3.64**	**5.36**	**13.1**	<0.01	<5.0	**3.41**	<1.0	<1.0	<1.0	**23.2**	**23.1**
	KA-6-5	15-Oct-09	5	<1.0	<0.3	**26.6**	<0.5	<0.5	**5.64**	**3.40**	**4.43**	**11.1**	<0.01	<5.0	**3.34**	<1.0	<1.0	<1.0	**19.5**	**21.0**
KA-7	KA-7-15	15-Oct-09	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	KA-7-20	15-Oct-09	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
KA-8	KA-8-5	15-Oct-09	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
KA-9	KA-9-2.5	16-Oct-09	2.5	<1.0	<0.3	**22.9**	<0.5	**0.639**	**5.17**	**3.02**	**5.18**	**15.6**	<0.01	<5.0	**3.13**	<1.0	<1.0	<1.0	**11.2**	**23.7**
	KA-9-5	16-Oct-09	5	<1.0	<0.3	**20.0**	<0.5	<0.5	**3.90**	**2.50**	**3.71**	**7.71**	<0.01	<5.0	**2.22**	<1.0	<1.0	<1.0	**14.7**	**15.1**
	KA-9-10	16-Oct-09	10	<1.0	<0.3	**31.5**	<0.5	<0.5	**8.98**	**2.76**	**5.00**	**11.6**	<0.01	<5.0	**6.86**	<1.0	<1.0	<1.0	**13.3**	**22.7**
KA-10	KA-10-15	16-Oct-09	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	KA-10-20	16-Oct-09	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
KA-11	KA-11-15	16-Oct-09	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
KA-12	KA-12-15	16-Oct-09	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	KA-12-19	16-Oct-09	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
KA-13	KA-13-5	16-Oct-09	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	KA-13-10	16-Oct-09	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	KA-13-14.5	16-Oct-09	14.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
KA-14	KA-14-5	16-Oct-09	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	KA-14-10	16-Oct-09	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	KA-14-13	16-Oct-09	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
KA-15	KA-15-5	16-Oct-09	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	KA-15-10	16-Oct-09	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	KA-15-15	16-Oct-09	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
KA-16	KA-16-6.5	16-Oct-09	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	KA-16-10	16-Oct-09	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	KA-16-14	16-Oct-09	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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TABLE 2
SOIL ANALYTICAL RESULTS FOR
CCR TITLE 22 METALS
Proposed Anaheim Regional Transportation
Intermodal Center (ARTIC) - Phase 1
Anaheim, California

Boring Number	Sample Number	Date Sampled	Sample Depth	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
			(feet)	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	7471A	6010B	6010B	6010B	6010B	6010B	6010B	6010B
				Concentration in mg/kg																
TTLC				500	500	10,000	75	100	2,500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
STLC				15	5.0	100	0.75	1.0	560/5*	80	25	5.0	0.2	350	20	1.0	5.0	7.0	24	250
TCLP				NL	5.0	100	NL	1.0	5.0	NL	NL	5.0	0.2	NL	NL	1.0	5.0	NL	NL	NL
US EPA Industrial Soil RSL				410	1.6	190,000	2,000	810	1,400	300	41,000	800	28	5,100	20,000	5,100	5,100	66	5,200	310,000
Commercial/Industrial CHHSL for Soil				380	0.24	63,000	1,700	7.5	100,000**	3,200	38,000	3,500	180	4,800	16,000	4,800	4,800	63	6,700	100,000

Notes: 6010B = United States Environmental Protection Agency (US EPA) Analytical Method Number

mg/kg = milligrams per kilogram

<1.0 = Not detected above the indicated laboratory detection limit

-- = Not analyzed

TTLC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration; units in milligrams per liter (mg/L)

TCLP = Toxicity Characteristic Leaching Procedure; units in mg/L

RSL = Regional Screening Level

CHHSL = California Human Health Screening Level

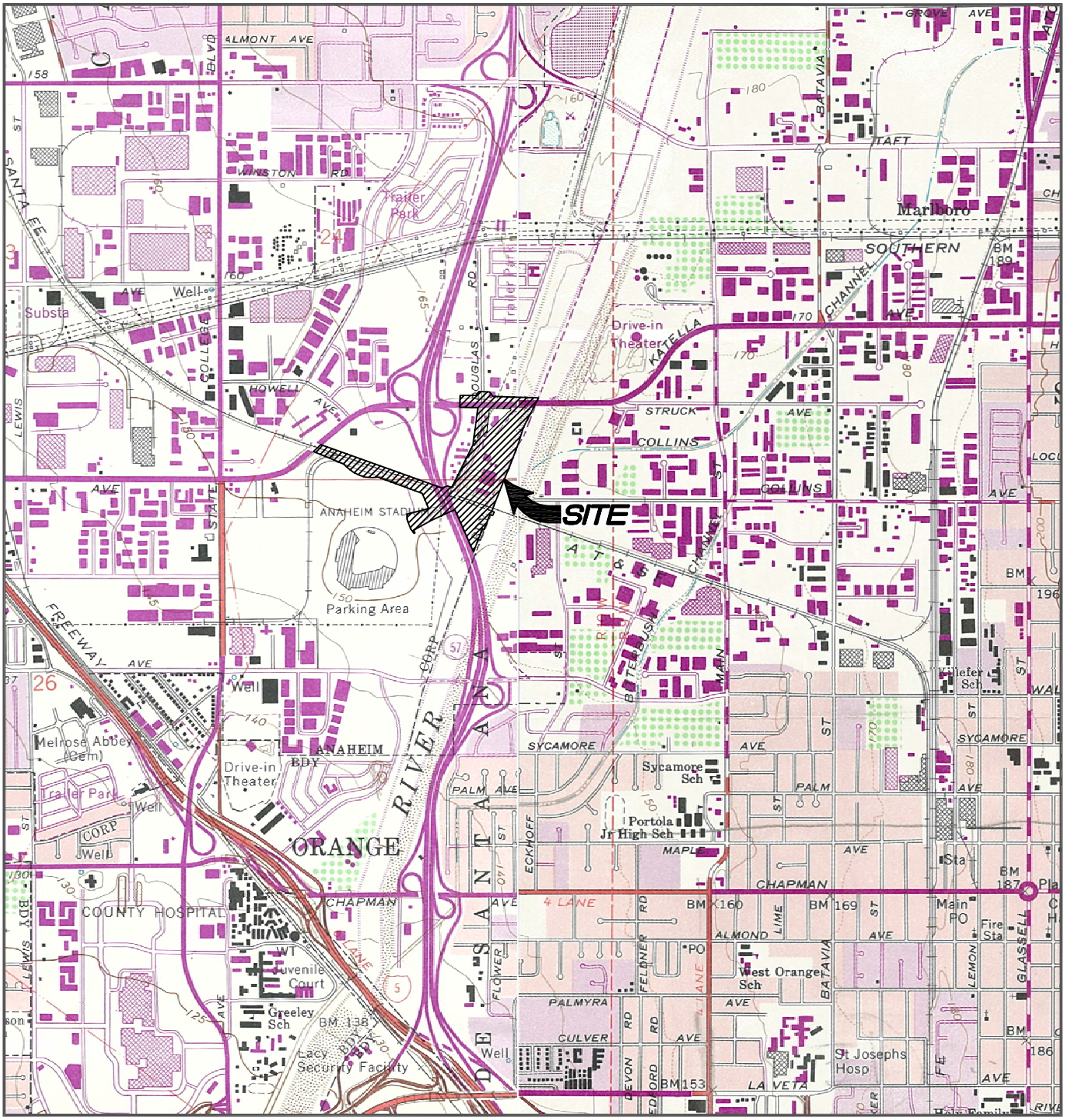
NL = No listed value

* = Must meet both the STLC Limit of 560 and US EPA TCLP Limit of 5

** = Chrome III value

Bold value indicates detected concentration

PLATES



SOURCE: U.S.G.S. 7.5' topographic series, Anaheim and Orange, California quadrangle dated 1965 (1964), photorevised 1981.

N

2,000 1,000 0 2,000

APPROXIMATE SCALE (feet)

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ATTACHED IMAGES: Images: Topo-plate1_1.JPG Images: Topo-plate1_2.JPG
ATTACHED XREFS:
DIAMOND BAR, CA

CAD FILE: L:\2009\CADD\103567\07-15-09_ENV\ LAYOUT: 1

PLOTTED: 22 Oct 2009, 12:47pm, MGriffin

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DRAWN:	10/22/09
DRAWN BY:	MRG
CHECKED BY:	PD
FILE NAME:	103567p1_ENV.dwg

SITE LOCATION MAP

PROPOSED ANAHEIM REGIONAL TRANSPORTATION INTERMODAL CENTER (ARTIC) - PHASE 1
ANAHEIM, CALIFORNIA

PLATE

1

PLOTTED: 23 Dec 2009, 1:28pm, dfahmey

ATTACHED IMAGES: Images: Boring Locations - 1750 and 1790 Douglass Road.jpg
ATTACHED XREFS:
CAD FILE: L:\2009\CADD\103567\07-15-09_ENV\ LAYOUT: 2
DIAMOND BAR, CA

PLATE 2

BORING LOCATION MAP

PROPOSED ANAHEIM REGIONAL TRANSPORTATION INTERMODAL CENTER (ARTIC) - PHASE 1
ANAHEIM, CALIFORNIA

PROJECT NO. 103567
DRAWN: 10/22/09
DRAWN BY: MRG
CHECKED BY: PD
FILE NAME: 103567p2_ENV.dwg

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COMMERCIAL BUILDING 2225 E. KATELLA AVENUE
OFFICE BUILDINGS 2300 E. KATELLA AVENUE
OFFICE BUILDING 2400 E. KATELLA AVENUE
PARKING STRUCTURE
LOSSAN RAILROAD CORRIDOR
THE GROVE OF ANAHEIM 2200 E. KATELLA AVENUE
ANAHEIM STADIUM METROLINK / AMTRAK STATION 2150 E. KATELLA AVENUE
ANGEL STADIUM
ANGEL STADIUM PARKING LOT
STATE ROUTE 57
VACANT LAND
VACANT LAND
PARKING LOT
E. KATELLA AVENUE
HONDA CENTER 2695 E. KATELLA AVENUE
AYERS HOTEL 2550 E. KATELLA AVENUE
2600 E. KATELLA AVENUE
NOT A PART
1730 S. DOUGLASS ROAD
OFFICE PARK 1751-1725 S. DOUGLASS ROAD
S. DOUGLASS ROAD
FORMER MAINTENANCE FACILITY 1750 S. DOUGLASS ROAD (FORMERLY 10852 DOUGLASS ROAD)
SULLIVAN & MANN LUMBER COMPANY 1790 S. DOUGLAS ROAD
LUMBER STORAGE
DIPPING TANK
55-GALLON DRUMS
SANTA ANA RIVER

B-1
KA-16
KA-9
B-2
W-1
KA-13
KA-14
KA-7
KA-11
KA-15
KA-12
B-5
KA-10
KA-6
B-4
KA-8
KA-5
KA-4
B-3
KA-3
KA-1
KA-1

LEGEND

- B-5 ● APPROXIMATE HOLLOW-STEM AUGER BORING LOCATION
- W-1 ● APPROXIMATE HOLLOW-STEM AUGER BORING/MONITORING WELL LOCATION
- KA-16 △ APPROXIMATE DIRECT-PUSH BORING LOCATION
- SITE BOUNDARY

N

200 100 0 200
APPROXIMATE SCALE (feet)

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APPENDIX A

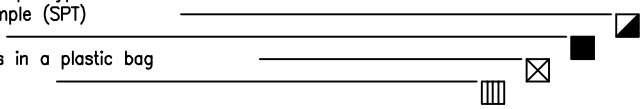
LOGS OF BORINGS

Date Drilled:	Water Depth:
Drilled By:	Date Measured:
Drilling Method:	Reference Elevation:
Logged By:	Datum:

Elevation (feet) Depth	Sample	Sample No.	Blow Count (Blows/ft.)	Graphic Log	GEOTECHNICAL DESCRIPTION AND CLASSIFICATION	Dry Density (pcf)	Moisture Content (%)	Additional Tests
		1	6			108	10	DS, SE
		2	12					GS
5								
	(1)	(2)	(3)	(4)	(5)	(6)	(6)	(7)

NOTES ON FIELD INVESTIGATION

1. SAMPLE – Graphical representation of sample type as shown below.
   - Split Spoon – Standard Penetration Test Sample (SPT)
   - Drive Sample – California Sample (Cal)
   - Bulk Sample – Obtained by collecting cuttings in a plastic bag
   - Tube Sample – Shelby/Pitcher Tube Sample



2. SAMPLE NO. – Sample Number
3. BLOWS/FT – Number of blows required to advance sampler 1 foot (unless a lesser distance is specified). Samplers in general were driven into the soil at the bottom of the hole with a standard (140 lb) hammer dropping a standard 30 inches. Drive samples collected in bucket auger borings may be obtained by dropping non-standard weight from variable heights. When a SPT sampler is used the blow count conforms to ASTM D-1586.

   SCR/RQD – Sample Core Recovery (SCR) in percent (%) and Rock Quality Designation (RQD) in percent (%). RQD is defined as the percentage of core in each run which the spacing between natural fractures is greater than 4 inches. Mechanical breaks of the core are not considered.
4. GRAPHIC LOG – Standard symbols for soil and rock types, as shown on plate A-1b.
5. GEOTECHNICAL DESCRIPTION

   Soil – Soil classifications are based on the United Soil Classification System per ASTM D-2987, and designations include consistency, moisture, color and other modifiers. Field descriptions have been modified to reflect results of laboratory analyses where deemed appropriate.

   Rock – Rock classifications generally include a rock type, color, moisture, mineral constituents, degree of weathering, alteration, and the mechanical properties of the rock. Fabric, lineations, bedding spacing, foliations, and degree of cementation are also presented where appropriate.

   Description of soil origin or rock formation is placed in brackets at the beginning of the description where applicable, for example, Residual Soil.
6. DRY DENSITY, MOISTURE CONTENT: As estimated by laboratory or field testing.
7. ADDITIONAL TESTS – (Indicates sample tested for properties other than the above):

MAX – Maximum Dry Density	SG – Specific Gravity	PP – Pocket Penetrometer
GS – Grain Size Distribution	HA – Hydrometer Analysis	WA – Wash Analysis
SE – Sand Equivalent	AL – Atterberg Limits	DS – Direct Shear
EI – Expansion Index	RV – R-Value	CP – Collapse Potential
CHEM – Sulfate and Chloride Content, pH, Resistivity	CN – Consolidation	UC – Unconfined Compression
PM – Permeability	CU – Consolidation Undrained Triaxial	T – Torvane
UU – Unconsolidated Undrained Triaxial	CD – Consolidated Drained Triaxial	

8. ATTITUDES – Orientation of rock discontinuity observed in bucket auger boring or rock core, expressed in strike/dip and dip angle, respectively, preceeded by a one-letter symbol denoting nature of discontinuity as shown below.

   B: Bedding Plane J: Jointing C: Contact F: Fault S: Shear

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EXPLANATION OF LOGS

PLATE
A-1a

UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D-2487)

PRIMARY DIVISIONS			GROUP SYMBOLS	SECONDARY DIVISIONS
COURSE GRAINED SOILS MORE THAN HALF OF MATERIALS IS LARGER THAN #200 SIEVE SIZE	GRAVELS MORE THAN HALF OF COURSE FRACTION IS LARGER THAN #4 SIEVE	CLEAN GRAVELS (LESS THAN) 5% FINES	GW	WELL GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
			GP	POORLY GRADED GRAVELS OR GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
		GRAVEL WITH FINES	GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
			GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
	SANDS MORE THAN HALF OF COURSE FRACTION IS SMALLER THAN #4 SIEVE	CLEAN SANDS (LESS THAN) 5% FINES	SW	WELL GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
			SP	POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES
		SANDS WITH FINES	SM	SILTY SANDS, SAND-SILT MIXTURES
			SC	CLAYEY SANDS, SAND-CLAY MIXTURES
FINE GRAINED SOILS MORE THAN HALF OF MATERIALS IS SMALLER THAN #200 SIEVE SIZE	SILTS AND CLAYS LIQUID LIMIT IS LESS THAN 50		ML	INORGANIC SILTS, VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS
			CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
			OL	ORGANIC SILTS AND ORGANIC SILT-CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS LIQUID LIMIT IS GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDS OR SILTS, ELASTIC SILTS
			CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
			OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
	HIGHLY ORGANIC SOILS		PT	PEAT, MUCK AND OTHER HIGHLY ORGANIC SOILS
TYPICAL FORMATIONAL MATERIALS	SANDSTONES		SS	
	SILTSTONES		SH	
	CLAYSTONES		CS	
	LIMESTONES		LS	
	SHALE		SL	

CONSISTENCY CRITERIA BASED ON FIELD TESTS

RELATIVE DENSITY – COARSE – GRAIN SOIL

RELATIVE DENSITY	SPT * (# blows/ft)	RELATIVE DENSITY (%)
Very Loose	<4	0 – 15
Loose	4 – 10	15 – 35
Medium Dense	10 – 30	35 – 65
Dense	30 – 50	65 – 85
Very Dense	>50	85 – 100

CONSISTENCY– FINE–GRAIN SOIL

CONSISTENCY	SPT (# blows/ft)	TORVANE UNDRAINED SHEAR STRENGTH (tsf)	POCKET ** PENETROMETER UNCONFINED COMPRESSIVE STRENGTH (tsf)
Very Soft	<2	<0.13	<0.25
Soft	2 – 4	0.13 – 0.25	0.25 – 0.5
Medium Stiff	4 – 8	0.25 – 0.5	0.5 – 1.0
Stiff	8 – 15	0.5 – 1.0	1.0 – 2.0
Very Stiff	15 – 30	1.0 – 2.0	2.0 – 4.0
Hard	>30	>2.0	>4.0

* NUMBER OF BLOWS OF 140 POUND HAMMER FALLING 30 INCHES TO DRIVE A 2 INCH O.D. (1 3/8 INCH I.D.) SPLIT BARREL SAMPLER (ASTM-1586 STANDARD PENETRATION TEST)

** UNCONFINED COMPRESSIVE STRENGTH IN TONS/SQ.FT. READ FROM POCKET PENETROMETER

MOISTURE CONTENT

DESCRIPTION	FIELD TEST
Dry	Absence of moisture, dusty, dry to the touch
Moist	Damp but no visible water
Wet	Visible free water, usually soil is below water table

CEMENTATION

DESCRIPTION	FIELD TEST
Weakly	Crumbles or breaks with handling or slight finger pressure
Moderately	Crumbles or breaks with considerable finger pressure
Strongly	Will not crumble or break with finger pressure

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EXPLANATION OF LOGS

PLATE
A-1b

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Numbers:	See report tables.								**ASPHALT:** approximately 3 inches thick.
									BASE: approximately 17 inches thick.
B-1-1.5		2.0						SP	**SAND (SP):** light brown, slightly moist, fine- to medium-grained.
B-1-5		2.0	5			38		SP-SM	**SAND WITH SILT (SP-SM):** olive brown, slightly moist, fine- to coarse-grained.
									-- fine- to medium-grained, trace fine gravel.
B-1-10		0.0	10			5		SP	**SAND (SP):** light brown, slightly moist, fine- to medium-grained, pocket of sandy clay, layers of sand with silt.
			15					ML	**SANDY SILT (ML):** olive gray to light brownish gray, fine- to medium-grained.
								SP	**SAND (SP):** pink, olive yellow, slightly moist, fine-grained.
B-1-20		0.0	20			26			-- light brown, fine- to medium-grained.
			25						
B-1-30		0.0	30			30		SP-SM	**SAND WITH SILT (SP-SM):** light gray, slightly moist, fine- to medium-grained.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 81.5
DATE DRILLED: 9-24-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 6
DEPTH TO STATIC WATER (feet): Not encountered.

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LOG OF BORING B-1

A-2a

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION *(Continued From Previous Page)*
			40					SP	**SAND (SP):** olive brown, slightly moist, fine- to medium-grained. *(continued)* -- increase coarse sand.
B-1-40		0.0				20			
			45					SP	-- fine- to coarse-grained, some gravel. -- olive yellow, with silt and gravel.
								GP	**GRAVEL (GP):** brown, fine- to coarse-grained, broken.
								CL	**CLAY (CL):** yellowish brown, slightly moist, lean.
B-1-50		0.0	50			32			
		0.5	55			9			
			60					GP	**GRAVEL WITH SAND (GP):** fine to medium grained.
								CL	**CLAY (CL):** yellowish brown, slighly moist, lean.
		0.5	65			18			
								ML-SM	**SILTY SAND (SM):** yellowish brown, slightly moist, fine-grained.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 81.5
DATE DRILLED: 9-24-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 6
DEPTH TO STATIC WATER (feet): Not encountered.

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LOG OF BORING B-1

A-2b

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION *(Continued From Previous Page)*
									SILTY SAND (SM): yellowish brown, slightly moist, fine-grained. *(continued)*
		1.0	75			9		ML	**SANDY SILT (ML):** yellow brown, slightly moist.
			80					SM	**SILTY SAND (SM):** olive brown, slighly moist, fine- to medium-grained.
									Total depth: 81.5 feet. Free water encountered on geotechnical sample at approximately 51 feet. Boring backfilled with bentonite slurry and capped with quick-set concrete.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 81.5
DATE DRILLED: 9-24-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 6
DEPTH TO STATIC WATER (feet): Not encountered.

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LOG OF BORING B-1

A-2c

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Numbers:									**ASPHALT:** approximately 5 inches thick.
									BASE: approximately 5 inches thick.
B-2-1.5	See report tables.	2.8						SP	**SAND (SP):** light brown, slightly moist, fine- to coarse grained.
B-2-5		4.6	5			26			-- olive yellow, fine- to medium-grained.
									-- pink, fine- to medium-grained, trace fine gravel.
B-2-10		1.2	10			18			-- olive brown.
									-- pink, fine- to medium-grained.
			15						
B-2-20		1.6	20			7		CL	**CLAY (CL):** greenish black, slightly moist, lean.
									SILTY SAND (SM): brown, slightly moist.
			25						
									SANDY SILT (ML): yellowish brown, slightly moist, fine-grained sand.
B-2-30		2.6	30			21		ML	
								CL	

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 101.5
DATE DRILLED: 9-24-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 6
DEPTH TO STATIC WATER (feet):

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LOG OF BORING B-2

A-3a

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION *(Continued From Previous Page)*
									SANDY CLAY (CL): yellowish brown, slightly moist. *(continued)*
B-2-40		1.1	40			74		GP	**GRAVEL WITH SAND (GP):** olive gray, slightly moist.
			45						**CLAY WITH SAND (CL):** yellowish brown, slightly moist, lean, some gravel.
B-2-50		2.7	50			15		CL	
		2.4	55			11		ML	**SANDY SILT (ML):** yellowish brown, slightly moist.
								CL	**CLAY WITH SAND (CL):** yellowish brown, slightly moist.
			60						
		1.6	65			13		ML	**SANDY SILT (ML):** yellowish brown, slightly moist.
								CL	

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 101.5
DATE DRILLED: 9-24-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 6
DEPTH TO STATIC WATER (feet):

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LOG OF BORING B-2

A-3b

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION *(Continued From Previous Page)*
		2.0	75			19		ML	**CLAY WITH SAND (CL):** yellowish brown, slightly moist, layers of sandy silt. *(continued)* **SANDY SILT (ML):** yellowish brown, slightly moist.
			80					CL	**SANDY CLAY (CL):** yellowish brown, slightly moist, layers of sandy silt and silty sand.
			▽						**SAND WITH SILT (SP):** yellowish brown, wet, fine- to medium-grained, trace gravel.
		2.0	85			3		SP	
			90					SP	**SAND WITH SILT AND GRAVEL (SP-SM):** olive brown, moist, fine- to coarse-grained.
		2.0	95			3		GP	**GRAVEL WITH SAND (GP):** olive brown, wet, fine- to coarse-grained.
			100						**SAND WITH GRAVEL (SP):** olive brown, wet. Total depth: 101.5 feet. Groundwater encountered at approximately 83 feet. Boring backfilled with bentonite slurry and capped with quick-set concrete.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 101.5
DATE DRILLED: 9-24-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 6
DEPTH TO STATIC WATER (feet):

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LOG OF BORING B-2

A-3c

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Numbers:	See report tables.								**ASPHALT:** approximately 3 inches thick.
									BASE: approximately 7 inches thick.
B-3-1.5		1.9						SP	**SAND (SP):** olive brown, slightly moist, trace fine- to medium-gravel, layers of sand with silt.
B-3-5		2.3	5			36			-- brown, small clay pockets.
									-- brown with light brown inclusions, fine- to medium-grained.
B-3-10		0.0	10			70			
								SM	**SILTY SAND (SM):** olive brown, fine- to coarse-grained
			15						**SAND WITH SILT (SP-SM):** light brownish gray, slightly moist, moderate iron oxide discoloration.
								SP-SM	**SAND (SP):** light brown sand, slightly moist, fine- to medium-grained.
B-3-20		0.0	20			28		SP	
			25					SM	**SILTY SAND (SM):** olive brown to yellowish brown, very moist, fine-grained.
								ML	**SANDY SILT (ML):**
B-3-30		0.5	30			6		SM	**SILTY SAND (SM):** olive brown to yellowish brown, moist, fine-grained.
								CL	**SANDY CLAY (CL):** yellowish brown, moist, layers of clayey sand.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 81.5
DATE DRILLED: 9-22-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 6
DEPTH TO STATIC WATER (feet):

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LOG OF BORING B-3

A-4a

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION *(Continued From Previous Page)*
									SANDY CLAY (CL): yellowish brown, moist, layers of clayey sand. *(continued)*
B-3-40		0.0	40			11		CL	-- lens of yellowish brown silty sand, trace fine gravel.
			45						
									CLAY (CL): yellowish brown, slightly moist, lean.
B-3-50		0.0	50			9		CL	
		1.3	55			33			
			▽					SM	**SILTY SAND WITH GRAVEL (SM):** yellowish brown, fine- to coarse-grained.
			60						**SAND WITH GRAVEL (SP):** gray, wet, fine- to coarse-grained.
									CLAY WITH SAND (CL): yellowish brown, moist, lean.
		0.7	65			11		CL	

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 81.5
DATE DRILLED: 9-22-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 6
DEPTH TO STATIC WATER (feet):

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LOG OF BORING B-3

A-4b

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION *(Continued From Previous Page)*
		0.7	75			13		SC	**CLAY WITH SAND (CL):** yellowish brown, moist, lean. *(continued)* **CLAYEY SAND (SC):** yellowish brown, very moist, fine-grained.
			80					SM	**SILTY SAND (SM):** yellowish brown, moist to very moist, trace gravel. Total depth: 81.5 feet. Groundwater encountered at approximately 58 feet. Boring backfilled with bentonite slurry and capped with quick-set concrete.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 81.5
DATE DRILLED: 9-22-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 6
DEPTH TO STATIC WATER (feet):

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LOG OF BORING B-3

A-4c

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Numbers:	See report tables.								**ASPHALT:** approximately 3 inches thick.
B-4-1		0.4						SP	**BASE:** approximately 5 inches thick.
									SAND (SP): yellowish brown, slightly moist, fine- to medium-grained, layers of sand with silt, layers of silty sand.
B-4-5		0.0	5			41		SP-SM	**SAND WITH SILT (SP-SM):** yellowish brown, slightly moist, fine- to medium-grained, layers of silty sand.
									SAND (SP): yellowish brown, slightly moist, fine- to medium-grained, trace silty sand.
B-4-10		0.7	10			38		SP	
			15					SM	**SILTY SAND (SM):** olive brown, slightly moist, fine- to medium-grained.
									-- thin sandy clay layer at 16 feet.
								SP	**SAND WITH SILT (SP):** brown, moist, fine- to medium-grained. -- olive brown sandy -- poorly graded sand. -- light brown, fine- to coarse grained.
B-4-20		0.0	20			25			
			25						**SILTY SAND (SM):** brown, slightly moist.
B-4-30		2.1	30			13		SM	
									SANDY CLAY (CL): yellowish brown, wet, trace gravel.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 101.5
DATE DRILLED: 9-23-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 6
DEPTH TO STATIC WATER (feet):

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LOG OF BORING B-4

A-5a

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION *(Continued From Previous Page)*
									SANDY CLAY (CL): yellowish brown, wet, trace gravel. *(continued)*
B-4-40		1.4	40			22 43 50/5"		SW-SM	**SAND WITH SILT AND GRAVEL (SW-SM):** olive brown, slightly moist, fine- to coarse-grained, moderate iron oxide discoloration.
			45						**GRAVEL WITH SAND (GP):** brown, slightly moist, medium- to coarse-grained sand.
B-4-50		3.6	50			17		CL	**CLAY WITH SAND (CL):** yellowish brown, slightly moist.
			55			8			
			60					SM	**SILTY SAND (SM):** yellowish brown, slightly moist, fine- to medium-grained.
		0.0	65			8		CL	**CLAY WITH SAND (CL):** yellowish brown, slightly moist, fine-grained sand.
								SM	**SILTY SAND (SM):** yellowish brown, slightly moist.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 101.5
DATE DRILLED: 9-23-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 6
DEPTH TO STATIC WATER (feet):

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LOG OF BORING B-4

A-5b

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION *(Continued From Previous Page)*
									SILTY SAND (SM): yellowish brown, slightly moist. *(continued)*
		0.0	75			11		CL	**SANDY CLAY (CL):** yellowish brown, slightly moist.
			80					SP-SM	**SAND WITH SILT (SP-SM):** yellowish brown, slightly moist, fine- to coarse-grained. -- decrease silt.
			85			42			-- wet, with gravel.
			▽						
			90						
								SW	**SAND WITH GRAVEL (SW):** gray, wet, fine- to coarse-grained, trace yellowish brown silty sand and sandy clay.
		1.4	95						**GRAVEL WITH SAND (GP):** fine- to medium-grained gravel, fine- to coarse-grained sand. -- olive brown.
			100						Total depth: 101.5 feet. Groundwater encountered at approximately 87 feet. Boring backfilled with bentonite slurry and capped with quick-set concrete.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 101.5
DATE DRILLED: 9-23-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 6
DEPTH TO STATIC WATER (feet):

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LOG OF BORING B-4

A-5c

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number:	See report tables.								**ASPHALT:** approximately 4 inches thick.
									BASE: approximately 5 inches thick.
B-5-1.5 B-5-1.5		1.6						SP-SM	**SAND WITH SILT (SP-SM):** brown, slightly moist, fine- to coarse-grained, trace gravel.
B-5-5		0.9	5			34			-- fine- to medium-grained.
									-- light brown, slightly moist.
B-5-10		1.0	10			72			-- brown.
								SM	**SILTY SAND (SM):** dark olive brown, slightly moist, fine- to coarse-grained, traces fine gravel, pockets of lean clay.
			15						-- dark brown with light brown inclusion.
								CL	**SANDY CLAY (CL):** dark brown, slightly moist.
B-5-20		0.0	20			20		SP	**SAND (SP):** light brown.
								SM	**SILTY SAND (SM):** brown, slightly moist, fine-grained.
			25						-- fine- to medium-grained, trace fine gravel, iron oxide discoloration.
B-5-30		0.9	30			14			

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 81.5
DATE DRILLED: 9-27-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 8
DEPTH TO STATIC WATER (feet): Not encountered.

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LOG OF BORING B-5

A-6a

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION *(Continued From Previous Page)*
									SAND WITH GRAVEL (SP): brown, slightly moist, fine- to medium-grained gravel, fine- to coarse-grained sand. *(continued)*
									SAND WITH GRAVEL (SW): brown, well-graded, slightly moist, fine- to coarse-grained gravel.
B-5-40		1.0	40			64		SW	
								SP	**SAND WITH GRAVEL (SP):** olive brown, poorly graded, slightly moist, fine- to medium grained, layers of gravel.
			45						
B-5-50		0.0	50			34			-- brown, well graded, slightly moist, fine- to coarse-grained, silty sand and sandy silt inclusion.
		1.7	55			18			-- layer of sandy lean clay.
								SP-SM	**SAND WITH SILT (SP-SM):** yellowish brown, slightly moist, fine- to medium-grained.
								GP	**CLAY (CL):** yellowish brown, moist, lean.
			60						
			65						
		3.1				8		CL	

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 81.5
DATE DRILLED: 9-27-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 8
DEPTH TO STATIC WATER (feet): Not encountered.

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LOG OF BORING B-5

A-6b

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION *(Continued From Previous Page)*
		2.3	75			18		SM	**SILTY SAND (SM):** yellowish brown, slightly moist.
			80					SP-SM	**SAND WITH SILT (SP-SM):** olive yellow, slightly moist, fine- to medium-grained, some fine gravel.
									Total depth: 81.5 feet. Groundwater not encountered. Boring backfilled with bentonite slurry and capped with quick-set concrete.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 81.5
DATE DRILLED: 9-27-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 8
DEPTH TO STATIC WATER (feet): Not encountered.

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LOG OF BORING B-5

A-6c

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number: KA-1-1	See report tables.	0.0					SP	**CONCRETE:** approximately 6 inches thick. **SAND (SP):** gray brown, slightly moist, fine-grained.
KA-1-5		0.0	5					-- light brown.
KA-1-10		0.0	10					-- fine- to medium-grained.
KA-1-15		0.0	15					Total depth: 15 feet. Groundwater not encountered. Boring backfilled with hydrated bentonite granules and finished to surface with quick-set concrete.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 15.0
DATE DRILLED: 10-15-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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Project No. 103567/ENV2

LOG OF BORING KA-1

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number: KA-2-1	See report tables.	0.0					SP	**CONCRETE:** approximately 6 inches of concrete. **SAND (SP):** light brown, slightly moist, fine-grained.
KA-2-5		0.0	5					-- olive gray.
K-2-10		0.0	10					-- light brown, fine- to medium-grained.
K-2-15		0.0	15					Total depth: 15 feet. Groundwater not encountered. Boring backfilled with hydrated bentonite granules and finished to surface with quick-set concrete.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 15.0
DATE DRILLED: 10-15-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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LOG OF BORING KA-2

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number: KA-3-1	See report tables.	0.0					SP	**CONCRETE:** approximately 5 inches thick. **SAND (SP):** gray brown, slightly moist, fine- to medium-grained.
			5					-- light brown.
KA-3-6		0.0						Total depth: 6.5 feet due to refusal. Groundwater not encountered. Boring backfilled with hydrated bentonite granules and finished to surface with quick-set concrete.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 6.5
DATE DRILLED: 10-15-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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Project No. 103567/ENV2

LOG OF BORING KA-3

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number:	See report tables.							**CONCRETE:** approximately 4 inches thick.
K-4-2.5		0.0					SP	**SAND (SP):** light brown, slightly moist, fine- to medium-grained.
KA-4-4.5		0.0						-- fine- to coarse-grained.
								Total depth: 4.5 feet due to refusal. Groundwater not encountered. Boring backfilled with hydrated bentonite granules and finished to surface with quick-set concrete.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 4.5
DATE DRILLED: 10-15-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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Project No. 103567/ENV2

LOG OF BORING KA-4

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number:	See report tables.							**GRAVEL:** approximately 5.5 feet thick.
KA-5-5.5		0.0	5				SP	**SAND (SP):** gray brown, slightly moist, fine- to medium-grained.
KA-5-10		0.0	10					-- light brown, fine-grained.
KA-5-15		0.0	15				SP-SM	**SAND WITH SILT (SP-SM):** light brown to red gray, slightly moist, fine-grained.
								Total depth: 15 feet. Groundwater not encountered. Boring backfilled with hydrated bentonite granules.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 15.0
DATE DRILLED: 10-15-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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Project No. 103567/ENV2

LOG OF BORING KA-5

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number:	See report tables.							**GRAVEL:** approximately 2.5 feet thick.
KA-6-3		0.0					SP	**SAND (SP):** light brown, slightly moist, fine-grained.
KA-6-5		0.0	5					-- fine- to medium-grained.
								Total depth: 6 feet due to refusal. Groundwater not encountered. Boring backfilled with hydrated bentonite granules.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 6.0
DATE DRILLED: 10-15-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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Project No. 103567/ENV2

LOG OF BORING KA-6

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number:	See report tables.							**CONCRETE:** approximately 5 inches thick.
								Not sampled.
			5					
			10					
KA-7-15		0.0	15				SP	**SAND (SP):** gray, slightly moist, fine- to coarse-grained.
							CL	
KA-7-20		0.0	20					**CLAY (CL):** red gray, slightly moist.
								Total depth: 20 feet. Groundwater not encountered. Boring backfilled with hydrated bentonite granules and finished to surface with quick-set concrete.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 20.0
DATE DRILLED: 10-15-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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Proposed Anaheim Regional Transportation Intermodal Center, Anaheim, CA
Project No. 103567/ENV2

LOG OF BORING KA-7

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number:	See report tables.							**GRAVEL:** approximately 4 feet thick.
KA-8-5		0.0	5				SP	**SAND (SP):** light brown, slightly moist, fine- to coarse-grained.
								Total depth: 6 feet due to refusal. Groundwater not encountered. Boring backfilled with hydrated bentonite granules.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 6.0
DATE DRILLED: 10-15-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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Project No. 103567/ENV2

LOG OF BORING KA-8

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number:	See report tables.							**CONCRETE:** approximately 6 inches thick.
KA-9-2.5		0.0					SP	**SAND (SP):** gray grown, slightly moist, fine- to medium-grained.
KA-9-5		0.0	5					-- some clay.
KA-9-10			10					-- sand.
								Total depth: 10 feet. Groundwater not encountered. Boring backfilled with hydrated bentonite granules and finished to surface with quick-set cement and original floor tile.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 10.0
DATE DRILLED: 10-16-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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Project No. 103567/ENV2

LOG OF BORING KA-9

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number:	See report tables.							**ASPHALT:** approximately 5 inches thick.
								GRAVEL: approximately 6 inches thick.
								Not sampled.
			5					
			10					
KA-10-15		0.0	15				SP	**SAND (SP):** red gray, slightly moist, fine- to medium-grained, trace silt.
KA-10-20		0.0	20				CL	**CLAY (CL):** dark brown, slight moist.
								Total depth: 20 feet. Groundwater not encountered. Boring backfilled with hydrated bentonite granules and finished at surface with asphalt cold patch.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 20.0
DATE DRILLED: 10-16-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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Project No. 103567/ENV2

LOG OF BORING KA-10

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number:	See report tables.							**ASPHALT:** approximately 5 inches thick.
								GRAVEL: greater than 4.5 feet.
			5					Not sampled.
			10					
KA-11-15		0.0	15				SP	**SAND (SP):** red brown, slightly moist, fine- to medium-grained.
								Total depth: 16 feet due to refusal. Groundwater not encountered. Boring backfilled with hydrated bentonite granules and finished at surface with asphalt cold patch.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 16.0
DATE DRILLED: 10-16-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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LOG OF BORING KA-11

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number:	See report tables.							**ASPHALT:** approximately 5 inches thick.
								GRAVEL: approximately 6 inches thick.
								Not sampled.
			5					
			10					
KA-12-15		0.0	15				SP	**SAND (SP):** dark brown, slightly moist, fine- to medium-grained, some clay, hydrocarbon odor.
KA-12-19		0.0					CL	**CLAY (CL):** dark brown, slightly moist, hydrocarbon odor.
								Total depth: 19 feet due to refusal.
								Groundwater not encountered.
								Boring backfilled with hydrated bentonite granules and finished at surface with asphalt cold patch.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 19.0
DATE DRILLED: 10-16-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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LOG OF BORING KA-12

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number:	See report tables.							**GRAVEL:** approximately 4.5 feet thick.
KA-13-5		0.0	5				SP	**SAND (SP):** gray brown, slightly moist, fine- to medium-grained.
KA-13-10		0.0	10					-- yellow brown, fine- to coarse-grained.
KA-13-14.5		0.0						Total depth: 14.5 feet due to refusal. Groundwater not encountered. Boring backfilled with hydrated bentonite granules.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 14.5
DATE DRILLED: 10-16-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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LOG OF BORING KA-13

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number:	See report tables.							**CONCRETE:** approximately 1 foot thick.
								Not sampled.
KA-14-5		0.0	5				SP	**SAND (SP):** gray brown, slightly moist, fine- to coarse-grained.
KA-14-10		0.0	10					-- light brown, fine- to medium-grained.
KA-14-13		0.0						-- fine-grained.
								Total depth: 13 feet due to refusal. Groundwater not encountered. Boring backfilled with hydrated bentonite granules and finished at surface with quick-set concrete.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 13.0
DATE DRILLED: 10-16-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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Project No. 103567/ENV2

LOG OF BORING KA-14

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number:	See report tables.							**ASPHALT:** approximately 5 inches thick.
								SAND (SP): brown, slightly moist, fine- to medium-grained.
KA-15-5		0.0	5				SP	
KA-15-10		0.2	10					-- poor recovery.
KA-15-15		0.4	15					-- yellow brown.
								Total depth: 15 feet. Groundwater not encountered. Boring backfilled with hydrated bentonite granules and finished at surface with asphalt cold patch.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 15.0
DATE DRILLED: 10-16-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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Project No. 103567/ENV2

LOG OF BORING KA-15

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Comments	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Sample Number:	See report tables.							**GRAVEL:** approximately 6 feet thick.
			5					
KA-16-6.5		0.0						**SAND (SP):** brown, slightly moist, fine- to coarse-grained.
KA-16-10		0.2	10					-- light brown.
								Total depth: 14 feet due to refusal. Groundwater not encountered. Boring backfilled with hydrated bentonite granules.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 14.0
DATE DRILLED: 10-10-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 1
DEPTH TO STATIC WATER (feet): Not encountered.

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Project No. 103567/ENV2

LOG OF BORING KA-16

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Well Construction	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION
Traffic-rated well box set in concrete.	See report tables.								**ASPHALT:** approximately 3 inches thick.
									BASE: approximately 5 inches thick
		0.0			W-1-1.5			SP	**SAND (SP):** light brown, slightly moist, fine- to coarse-grained.
Bentonite seal									
2-inch diameter blank poly-vinyl casing		0.0	5		W-1-5	8			-- layer of sand with silt, mottled brown, lumps of lean clay.
Bentonite grout									
		0.0	10		W-1-10	31			-- layer of lean clay with sand.
									-- layer of sand with silt, mottled brown, moist, fine- to coarse-sand.
Bentonite seal			15						
No. 3 sand									
		0.0	20		W-1-20	27		SM	**SILTY SAND (SM):** brown, slightly moist, fine- to medium-grained.
2-inch diameter 0.02-inch slotted casing									
			25						**SANDY SILT (ML):** olive brown, wet, layers of lean clay.
		0.0	30		W-1-30	14		SC	**CLAYEY SAND WITH GRAVEL (SC):** yellowish brown, moist, fine- to coarse-grained sand, lenses and layers of lean clay.
									GRAVEL WITH SAND (GP): olive brown, moist.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 61.5
DATE DRILLED: 9-25-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 6
DEPTH TO STATIC WATER (feet): 56.0

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Project No. 103567/ENV2

LOG OF BORING W-1

A-23a

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

Well Construction	Chemical Analyses: Lab.	Chemical Analyses: Field PID (ppm)	Depth (feet)	Sample Type	Sample Number	Blows per Foot	Lithology Symbol	U.S.C.S. Designation	SOIL DESCRIPTION AND CLASSIFICATION *(Continued From Previous Page)*
									GRAVEL WITH SAND (GP): olive brown, moist. *(continued)*
		0.0	40		W-1-40	56		SP	**SAND (SP):** olive brown, moist, trace iron oxide discoloration.
			45						**CLAY WITH SAND (CL):** yellowish brown, moist. -- layer of silty sand, gray to olive gray, moist, fine- to coarse-grained.
		0.0	50		W-1-50	14		ML	**SANDY SILT (ML):** yellowish brown, slightly moist.
			55			15			-- wet, trace gravel.
Bottom cap			60						-- moist, some fine sand.
									Total depth: 61.5 feet. Perched water zone encountered at approximately 25 feet. 2-inch diameter well casing installed to 60 feet.

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 61.5
DATE DRILLED: 9-25-09

LOGGED BY: PD
DIAMETER OF BORING (inches): 6
DEPTH TO STATIC WATER (feet): 56.0

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Proposed Anaheim Regional Transportation Intermodal Center, Anaheim, CA
Project No. 103567/ENV2

LOG OF BORING W-1

A-23b

Note: The boundaries between soil types shown on the logs are approximate as the transition between different soil layers may be gradual.

APPENDIX B

LABORATORY REPORTS AND CHAIN-OF-CUSTODY RECORDS

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: September 30, 2009

Mr. Bert Vogler
Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

Project: **Artic**
Project No.: **103567/Env 2**
Lab I.D.: **090923-3 through -16**

Dear Mr. Vogler:

The **analytical results** for the soil samples, received by our lab on September 22, 2009, are attached. The samples were received chilled, intact and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Wang
Laboratory Manager

Eric Lu, Ph.D.
Chief Chemist

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
DATE EXTRACTED: 09/23/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09

TOTAL PETROLEUM HYDROCARBONS(TPH) - CARBON CHAIN ANALYSIS
METHOD: EPA 8015B
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C4-C10	C11-C22	C23-C35	DF
B-5-1.5	090923-3	ND	ND	ND	1
B-5-5	090923-4	ND	ND	ND	1
B-5-10	090923-5	ND	ND	ND	1
B-5-20	090923-6	ND	ND	ND	1
B-5-30	090923-7	ND	ND	ND	1
B-5-40	090923-8	ND	ND	ND	1
B-5-50	090923-9	ND	ND	ND	1
B-3-1.5	090923-10	ND	ND	ND	1
B-3-5	090923-11	ND	ND	ND	1
B-3-10	090923-12	ND	ND	ND	1
B-3-20	090923-13	ND	ND	ND	1
B-3-30	090923-14	ND	ND	ND	1
B-3-40	090923-15	ND	ND	ND	1
B-3-50	090923-16	ND	ND	ND	1
METHOD BLANK		ND	ND	ND	1
	PQL	10	10	50	

COMMENTS
C4-C10 = GASOLINE RANGE
C11-C22 = DIESEL RANGE
C23-C35 = MOTOR OIL RANGE
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B Soil/Solid QC

Date Analyzed: 9/23/2009 **Units:** mg/Kg (PPM)

Matrix: **Solid/Sludge**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **090922-82 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C11~C22 Range	0	2500	2816	**113%**	2961	**118%**	**5%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C11~C22 Range	200	175	**88%**	**75-125**

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	090923-3	090923-4	090923-5	090923-6	090923-7	090923-8	090923-9
O-Terphenyl	60-140%	93%	76%	87%	61%	68%	73%	68%	63%
Octacosane	60-140%	94%	91%	96%	96%	89%	94%	94%	89%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		090923-10	090923-11	090923-12	090923-13	090923-14	090923-15	090923-16	
O-Terphenyl	60-140%	105%	97%	65%	66%	71%	95%	61%	
Octacosane	60-140%	115%	107%	87%	88%	89%	112%	89%	

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC			
Sample I.D.									
O-Terphenyl	60-140%								
Octacosane	60-140%								

Analyzed and Reviewed By: _____

Final Reviewer: _____

** = Surrogate fail due to matrix interference*

Note: ***LCS, MS, MSD are in control therefore results are in control.***

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-5-1.5

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-3

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
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PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-5-1.5

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-3

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
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PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-5-5

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-4

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

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PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-5-5
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-4

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-5-10
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-5

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

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Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-5-10

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-5

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-5-20
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-6

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-5-20
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-6

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-5-30

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-7

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-5-30
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-7

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-5-40

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-8

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-5-40
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-8

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-5-50

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-9

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-5-50
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-9

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-3-1.5
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-10

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-3-1.5
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-10

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-3-5
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-11

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-3-5
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-11

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-3-10

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-12

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-3-10

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-12

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-3-20
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-13

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: **B-3-20**

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-13

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-3-30

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-14

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: **B-3-30**

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-14

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-3-40

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-15

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-3-40

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-15

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-3-50
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-16

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-3-50
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09
LAB I.D.: 090923-16

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL — DATE RECEIVED: 09/22/09
DATE SAMPLED: 09/22/09 — DATE ANALYZED: 09/23/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 09/30/09

METHOD BLANK FOR LAB I.D.: 090923-3 THROUGH -16

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 09/22/09
DATE SAMPLED: 09/22/09
DATE ANALYZED: 09/23/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 09/30/09

METHOD BLANK FOR LAB I.D.: 090923-3 THROUGH -16

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 9/23/2009 **Matrix:** Solid/Soil/Sludge
Machine: C **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 090923-3 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.054	108%	0.058	116%	8%	75-125	0-20
Chlorobenzene	0	0.050	0.056	112%	0.055	110%	2%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.051	102%	0.055	110%	8%	75-125	0-20
Toluene	0	0.050	0.058	116%	0.051	102%	14%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.054	108%	0.058	116%	8%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.057	114%	75-125
Chlorobenzene	0.050	0.059	118%	75-125
Chloroform	0.050	0.054	108%	75-125
1,1-Dichlorothene	0.050	0.048	96%	75-125
Ethylbenzene	0.050	0.045	91%	75-125
o-Xylene	0.050	0.051	102%	75-125
m,p-Xylene	0.100	0.103	103%	75-125
Toluene	0.050	0.059	118%	75-125
1,1,1-Trichloroethane	0.050	0.055	110%	75-125
Trichloroethene (TCE)	0.050	0.059	118%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	090923-3	090923-4	090923-5	090923-6	090923-7	090923-8
Dibromofluoromethane	50.0	70-130	105%	104%	105%	110%	108%	120%	103%
Toluene-d8	50.0	70-130	102%	101%	101%	99%	98%	103%	101%
4-Bromofluorobenzene	50.0	70-130	92%	90%	90%	90%	96%	89%	89%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			090923-9	090923-10	090923-11	090923-12	090923-13	090923-14	090923-15
Dibromofluoromethane	50.0	70-130	103%	91%	106%	106%	116%	103%	103%
Toluene-d8	50.0	70-130	103%	101%	102%	104%	101%	99%	104%
4-Bromofluorobenzene	50.0	70-130	84%	86%	87%	90%	87%	100%	88%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			090923-16	090923-23					
Dibromofluoromethane	50.0	70-130	116%	84%					
Toluene-d8	50.0	70-130	105%	85%					
4-Bromofluorobenzene	50.0	70-130	89%	96%					

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 09/22/09
DATE SAMPLED: 09/22/09
DATE ANALYZED: 09/23&24/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-5-1.5**
LAB I.D.: 090923-3

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	24.8	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	3.75	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	4.33	1.0	1	2,500	25	6010B
Lead(Pb)	5.54	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	2.86	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	8.81	5.0	1	2,400	24	6010B
Zinc(Zn)	18.3	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 09/22/09
DATE SAMPLED: 09/22/09
DATE ANALYZED: 09/23&24/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 09/30/09

SAMPLE I.D.: B-5-5
LAB I.D.: 090923-4

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	23.0	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	4.23	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	5.73	1.0	1	2,500	25	6010B
Lead(Pb)	1.47	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	3.01	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	14.7	5.0	1	2,400	24	6010B
Zinc(Zn)	18.0	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23&24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-5-10**
LAB I.D.: 090923-5

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	17.5	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	3.35	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	4.11	1.0	1	2,500	25	6010B
Lead(Pb)	0.873	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	7.97	5.0	1	2,400	24	6010B
Zinc(Zn)	14.3	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 09/22/09
DATE SAMPLED: 09/22/09
DATE ANALYZED: 09/23&24/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-5-20**
LAB I.D.: 090923-6

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	157	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	27.6	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	33.0	1.0	1	2,500	25	6010B
Lead(Pb)	20.3	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	18.8	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	55.4	5.0	1	2,400	24	6010B
Zinc(Zn)	97.8	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 09/22/09
DATE SAMPLED: 09/22/09
DATE ANALYZED: 09/23&24/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-5-30**
LAB I.D.: 090923-7

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	68.3	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	15.8	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	23.9	1.0	1	2,500	25	6010B
Lead(Pb)	2.20	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	10.6	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	28.1	5.0	1	2,400	24	6010B
Zinc(Zn)	51.1	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
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*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 09/22/09
DATE SAMPLED: 09/22/09
DATE ANALYZED: 09/23&24/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 09/30/09

SAMPLE I.D.: B-5-40
LAB I.D.: 090923-8

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	70.1	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	11.5	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	28.7	1.0	1	2,500	25	6010B
Lead(Pb)	4.18	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	12.6	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	22.8	5.0	1	2,400	24	6010B
Zinc(Zn)	54.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE RECEIVED:09/22/09
DATE SAMPLED:09/22/09
DATE ANALYZED:09/23&24/09
REPORT TO:Mr. BERT VOGLER
DATE REPORTED:09/30/09

SAMPLE I.D.: **B-5-50**
LAB I.D.: 090923-9

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	51.3	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	6.99	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	16.6	1.0	1	2,500	25	6010B
Lead(Pb)	3.68	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	9.07	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	18.8	5.0	1	2,400	24	6010B
Zinc(Zn)	41.1	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
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*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23&24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: B-3-1.5
LAB I.D.: 090923-10

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	20.7	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	3.68	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	3.27	1.0	1	2,500	25	6010B
Lead(Pb)	1.24	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	2.53	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	8.67	5.0	1	2,400	24	6010B
Zinc(Zn)	14.4	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23&24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-3-5**
LAB I.D.: 090923-11

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	27.7	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	5.30	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	26.9	1.0	1	2,500	25	6010B
Lead(Pb)	1.92	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	3.74	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	11.4	5.0	1	2,400	24	6010B
Zinc(Zn)	26.4	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 09/22/09
DATE SAMPLED: 09/22/09
DATE ANALYZED: 09/23&24/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-3-10**
LAB I.D.: 090923-12

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	33.9	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	6.27	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	23.2	1.0	1	2,500	25	6010B
Lead(Pb)	3.32	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	4.04	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	14.0	5.0	1	2,400	24	6010B
Zinc(Zn)	31.1	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
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-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23&24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: B-3-20
LAB I.D.: 090923-13

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	17.7	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	3.52	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	22.2	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	9.19	5.0	1	2,400	24	6010B
Zinc(Zn)	18.6	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
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** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 09/22/09
DATE SAMPLED: 09/22/09
DATE ANALYZED: 09/23&24/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-3-30**
LAB I.D.: 090923-14

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	79.7	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	19.6	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	17.7	1.0	1	2,500	25	6010B
Lead(Pb)	3.12	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	13.3	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	33.6	5.0	1	2,400	24	6010B
Zinc(Zn)	52.3	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796
PROJECT: **Artic**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL — DATE RECEIVED:09/22/09
DATE SAMPLED:09/22/09 — DATE ANALYZED:09/23&24/09
REPORT TO:Mr. BERT VOGLER — DATE REPORTED:09/30/09

SAMPLE I.D.: **B-3-40** — LAB I.D.: 090923-15

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	94.3	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	10.9	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	17.9	1.0	1	2,500	25	6010B
Lead(Pb)	6.13	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	13.0	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	25.9	5.0	1	2,400	24	6010B
Zinc(Zn)	62.5	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796
PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 09/22/09
DATE SAMPLED: 09/22/09
DATE ANALYZED: 09/23&24/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-3-50**
LAB I.D.: 090923-16

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	101	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	11.7	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	20.2	1.0	1	2,500	25	6010B
Lead(Pb)	6.45	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	11.5	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	28.0	5.0	1	2,400	24	6010B
Zinc(Zn)	62.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 09/22/09
DATE ANALYZED: 09/23&24/09
DATE REPORTED: 09/30/09

METHOD BLANK FOR LAB I.D.: 090923-3 THROUGH -16

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	ND	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	ND	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	ND	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
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CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 9/24/2009 — Unit : mg/Kg(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Copper (Cu)	090923-4	1.00	108	PASS	5.73	50.0	62.7	114%	62.2	113%	1%
Lead (Pb)	090923-4	1.00	104	PASS	1.47	50.0	53.2	103%	54.1	105%	2%
Zinc (Zn)	090923-4	1.00	106	PASS	18.0	50.0	71.0	106%	70.9	106%	0%

ANALYSIS DATE. : 9/23/2009

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	090923-88	0.125	91.6	PASS	0	0.125	0.108	86%	0.112	90%	4%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Copper (Cu)	PASS	PASS	PASS	PASS
Lead (Pb)	PASS	PASS	PASS	PASS
Zinc (Zn)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: D

FINAL REVIEWER: (2)

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
DATE EXTRACTED: 09/23/09
DATE ANALYZED: 09/23/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-5-1.5**
LAB I.D.: 090923-3

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
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DATE ANALYZED: 09/24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: B-5-5
LAB I.D.: 090923-4

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
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DATE ANALYZED: 09/24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-5-10**
LAB I.D.: 090923-5

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
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DATE REPORTED: 09/30/09

SAMPLE I.D.: B-5-20
LAB I.D.: 090923-6

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
DATE EXTRACTED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-5-30**
LAB I.D.: 090923-7

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
DATE EXTRACTED: 09/23/09
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DATE REPORTED: 09/30/09

SAMPLE I.D.: B-5-40
LAB I.D.: 090923-8

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
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PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
DATE EXTRACTED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-5-50**
LAB I.D.: 090923-9

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
DATE EXTRACTED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-3-1.5**
LAB I.D.: 090923-10

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
DATE EXTRACTED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: B-3-5
LAB I.D.: 090923-11

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
DATE EXTRACTED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: B-3-10
LAB I.D.: 090923-12

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
DATE EXTRACTED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: B-3-20
LAB I.D.: 090923-13

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
DATE EXTRACTED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-3-30**
LAB I.D.: 090923-14

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
DATE EXTRACTED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: B-3-40
LAB I.D.: 090923-15

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
DATE EXTRACTED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 09/30/09

SAMPLE I.D.: **B-3-50**
LAB I.D.: 090923-16

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/22/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/22/09
DATE EXTRACTED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 09/30/09

METHOD BLANK FOR LAB I.D.: 090923-3 THROUGH -16

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081 QA/QC Report

Matrix: **Soil/Solid** Date Analyzed: 9/23~24/2009

Unit: mg/Kg

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 090923-8 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.0500	0.0356	71%	0.0354	71%	1%	0-20%	70-130
Aldrin	0.000	0.0500	0.0421	84%	0.0433	87%	3%	0-20%	70-130
4,4-DDE	0 000	0.0500	0.0364	73%	0.0368	74%	1%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.00541	108%	75-125
Aldrin	0.00500	0.00376	75%	75-125
4,4-DDE	0.00500	0.00398	80%	75-125
Dieldrin	0.00500	0.00412	82%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	090923-3	090923-4	090923-5	090923-6	090923-7	090923-8
Tetra-chloro-meta-xylene	50-150	73%	86%	75%	78%	129%	78%	81%
Decachlorobiphenyl	50-150	90%	93%	89%	103%	107%	109%	119%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	090923-9	090923-10	090923-11	090923-12	090923-13	090923-14	090923-15	090923-16
Tetra-chloro-meta-xylene	81%	80%	76%	82%	80%	81%	74%	76%
Decachlorobiphenyl	100%	94%	91%	101%	98%	111%	96%	92%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
Tetra-chloro-meta-xylene						
Decachlorobiphenyl						

S.R = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

* = *Surrogate fail due to matrix interference (if Marked)*

Note: ***LCS, MS, MSD are in control therefore results are in control.***

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: **Soil/Solid** Date Analyzed: 9/23~24/2009

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 090923-8 MS/MSD

Analyte	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	1.00	0.892	89%	0.952	95%	7%	0-20%	70-130

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.109	109%	75-125

spk conc = Spike Concentration
%REC = Percent Recovery
ACP %RPD = Acceptable Percent RPD Range
ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: _____

Final Reviewer: _____

KLEINFELDER
Right People. Right Solutions.

PROJECT NO.	PROJECT NAME	RECEIVING LAB
103567 /ENV2	ARTIC	ENVIRO-CHEM

L.P. NO. (PO. NO.)

SAMPLERS: (Signature/Number)

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO OF CONTAINERS 1x	TYPE OF CONTAINERS bt	TPH GC/D (SW8015B)	VOCs (SW8260B)	PCBs/PCPs (8082A/8270C)	TITLE 22 METALS (6010B/7470A/1)	INSTRUCTIONS/REMARKS
1	9/22/09	7:39	B-5-1.5	SOIL	5	JAR/VOA	X	X	X	X	090923-3
2		7:54	B-5-5		5	SLEEVE/VOA					-4
3		8:08	B-5-10		5	↓					-5
4		8:17	B-5-20		5	↓					-6
5		8:27	B-5-30		5	JAR/VOA					-7
6		8:45	B-5-40		5	SLEEVE/VOA					-8
7		9:00	B-5-50		5	↓					-9
8		11:52	B-3-1.5		5	JAR/VOA					-10
9		12:22	B-3-5		5	SLEEVE/VOA					-11
10		12:33	B-3-10		5	↓					-12
11		12:45	B-3-20		5	↓					-13
12		13:01	B-3-30		5	↓					-14
13		13:11	B-3-40		5	↓					-15
14	↓	13:25	B-3-50	↓	5	↓	↓	↓	↓	↓	-16
15											
16											
17											
18											
19											
20											

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	9/22/09 15:55	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	9/23/09 10:00	WP
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)

Instructions/Remarks:
STANDARD T-A-T

Send Results To:
KLEINFELDER
620 W. 16TH ST., STE.F
LONG BEACH, CA 90813
Attn: BERT VOGLER

ENV-02 REV 05/08)

White - Sampler Canary - Return Copy To Shipper Pink - Lab Copy

CHAIN OF CUSTODY

COC № 04538

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: October 1, 2009

Mr. Bert Vogler
Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

Project: **Artic**
Project No.: **103567/Env 2**
Lab I.D.: **090924-46 through -52**

Dear Mr. Vogler:

The **analytical results** for the soil samples, received by our lab on September 23, 2009, are attached. The samples were received chilled, intact and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Wang
Laboratory Manager

Eric Lu, Ph.D.
Chief Chemist

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/23/09
DATE EXTRACTED: 09/24/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 10/01/09

TOTAL PETROLEUM HYDROCARBONS (TPH) - CARBON CHAIN ANALYSIS
METHOD: EPA 8015B
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C4-C10	C11-C22	C23-C35	DF
B-4-1	090924-46	ND	ND	ND	1
B-4-5	090924-47	ND	ND	ND	1
B-4-10	090924-48	ND	ND	ND	1
B-4-20	090924-49	ND	ND	ND	1
B-4-30	090924-50	ND	ND	ND	1
B-4-40	090924-51	ND	ND	ND	1
B-4-50	090924-52	ND	ND	ND	1
METHOD BLANK		ND	ND	ND	1
	PQL	10	10	50	

COMMENTS
C4-C10 = GASOLINE RANGE
C11-C22 = DIESEL RANGE
C23-C35 = MOTOR OIL RANGE
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B Soil/Solid QC

Date Analyzed: 9/24/2009 **Units:** mg/Kg (PPM)

Matrix: **Solid/Sludge**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **090924-52 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C11~C22 Range	0	2500	2183	87%	2181	87%	0%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C11~C22 Range	200	195	98%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	090824-46	090824-47	090824-48	090824-49	090824-50	090824-51	090824-52
O-Terphenyl	60-140%	99%	71%	116%	92%	81%	73%	102%	82%
Octacosane	60-140%	93%	111%	117%	116%	108%	112%	117%	102%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.									
O-Terphenyl	60-140%								
Octacosane	60-140%								

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC			
Sample I.D.									
O-Terphenyl	60-140%								
Octacosane	60-140%								

Analyzed and Reviewed By: _____

Final Reviewer: _____

* = *Surrogate fail due to matrix interference*

Note: ***LCS, MS, MSD are in control therefore results are in control.***

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-4-1

DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 10/01/09
LAB I.D.: 090924-46

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-4-1

DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 10/01/09
LAB I.D.: 090924-46

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.005	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-4-5
DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 10/01/09
LAB I.D.: 090924-47

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-4-5
DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 10/01/09
LAB I.D.: 090924-47

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.011	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-4-10

DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 10/01/09
LAB I.D.: 090924-48

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-4-10
DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 10/01/09
LAB I.D.: 090924-48

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.024	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-4-20

DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 10/01/09
LAB I.D.: 090924-49

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-4-20

DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 10/01/09
LAB I.D.: 090924-49

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.005	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: _____
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-4-30
DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 10/01/09
LAB I.D.: 090924-50

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-4-30

DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 10/01/09
LAB I.D.: 090924-50

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.020	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-4-40

DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 10/01/09
LAB I.D.: 090924-51

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE SAMPLED:09/23/09
REPORT TO:Mr. BERT VOGLER
SAMPLE I.D.: **B-4-40**
DATE RECEIVED:09/23/09
DATE ANALYZED:09/24/09
DATE REPORTED:10/01/09
LAB I.D.: 090924-51

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.025	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-4-50
DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 10/01/09
LAB I.D.: 090924-52

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-4-50
DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/24/09
DATE REPORTED: 10/01/09
LAB I.D.: 090924-52

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.008	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/23/09
DATE SAMPLED: 09/23/09 — DATE ANALYZED: 09/24/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/01/09

METHOD BLANK FOR LAB I.D.: 090924-46 THROUGH -52

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 09/23/09
DATE SAMPLED: 09/23/09
DATE ANALYZED: 09/24/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/01/09

METHOD BLANK FOR LAB I.D.: 090924-46 THROUGH -52

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 9/24-25/2009 **Matrix:** Solid/Soil/Sludge
Machine: C **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 090924-46 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.058	116%	0.055	110%	6%	75-125	0-20
Chlorobenzene	0	0.050	0.056	112%	0.051	102%	10%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.058	117%	0.055	110%	7%	75-125	0-20
Toluene	0	0.050	0.050	100%	0.055	110%	10%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.057	114%	0.049	98%	16%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.046	92%	75-125
Chlorobenzene	0.050	0.058	116%	75-125
Chloroform	0.050	0.050	100%	75-125
1,1-Dichlorothene	0.050	0.050	100%	75-125
Ethylbenzene	0.050	0.050	100%	75-125
o-Xylene	0.050	0.050	100%	75-125
m,p-Xylene	0.100	0.097	97%	75-125
Toluene	0.050	0.049	98%	75-125
1,1,1-Trichloroethane	0.050	0.048	96%	75-125
Trichloroethene (TCE)	0.050	0.057	114%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	090924-1	090910-12	090924-46	090924-47	090924-48	090924-49
Dibromofluoromethane	50.0	70-130	113%	93%	96%	100%	109%	95%	106%
Toluene-d8	50.0	70-130	100%	82%	96%	103%	99%	100%	101%
4-Bromofluorobenzene	50.0	70-130	92%	97%	83%	94%	91%	82%	90%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			090924-50	090924-51	090924-52	090924-177			
Dibromofluoromethane	50.0	70-130	114%	94%	118%	114%			
Toluene-d8	50.0	70-130	103%	101%	102%	101%			
4-Bromofluorobenzene	50.0	70-130	85%	88%	81%	84%			

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.									
Dibromofluoromethane	50.0	70-130							
Toluene-d8	50.0	70-130							
4-Bromofluorobenzene	50.0	70-130							

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: Sch

Final Reviewer:

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/25/09
DATE REPORTED: 10/01/09

SAMPLE I.D.: B-4-1
LAB I.D.: 090924-46

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	24.0	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	4.20	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	4.56	1.0	1	2,500	25	6010B
Lead(Pb)	1.36	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	2.65	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	10.3	5.0	1	2,400	24	6010B
Zinc(Zn)	16.6	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 09/23/09
DATE SAMPLED: 09/23/09
DATE ANALYZED: 09/25/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/01/09

SAMPLE I.D.: **B-4-5**
LAB I.D.: 090924-47

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	42.6	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	8.23	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	7.27	1.0	1	2,500	25	6010B
Lead(Pb)	2.07	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	5.49	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	17.6	5.0	1	2,400	24	6010B
Zinc(Zn)	27.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/25/09
DATE REPORTED: 10/01/09

SAMPLE I.D.: B-4-10
LAB I.D.: 090924-48

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	22.3	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	3.57	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	3.56	1.0	1	2,500	25	6010B
Lead(Pb)	2.97	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	9.63	5.0	1	2,400	24	6010B
Zinc(Zn)	16.1	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/25/09
DATE REPORTED: 10/01/09

SAMPLE I.D.: B-4-20
LAB I.D.: 090924-49

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	15.9	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	2.29	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	22.9	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	6.75	5.0	1	2,400	24	6010B
Zinc(Zn)	10.4	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/25/09
DATE REPORTED: 10/01/09

SAMPLE I.D.: B-4-30
LAB I.D.: 090924-50

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	65.1	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	15.4	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	9.91	1.0	1	2,500	25	6010B
Lead(Pb)	1.45	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	10.3	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	28.3	5.0	1	2,400	24	6010B
Zinc(Zn)	44.0	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/25/09
DATE REPORTED: 10/01/09

SAMPLE I.D.: B-4-40
LAB I.D.: 090924-51

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	9.73	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	0.664	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	5.95	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 09/23/09
DATE SAMPLED: 09/23/09
DATE ANALYZED: 09/25/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/01/09

SAMPLE I.D.: B-4-50
LAB I.D.: 090924-52

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	119	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	14.6	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	18.6	1.0	1	2,500	25	6010B
Lead(Pb)	7.34	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	14.4	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	32.1	5.0	1	2,400	24	6010B
Zinc(Zn)	62.5	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/23/09
DATE ANALYZED: 09/25/09
DATE REPORTED: 10/01/09

METHOD BLANK FOR LAB I.D.: 090924-46 THROUGH -52

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	ND	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	ND	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	ND	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL *MATRIX*

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 9/25/2009

Unit : *mg/Kg(ppm)*

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	*Sample Result*	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Copper (Cu)	090924-48	1.00	100	*PASS*	*3.56*	50.0	59.1	111%	59.8	112%	1%
Lead (Pb)	090924-48	1.00	101	*PASS*	*2.97*	50.0	54.8	104%	54.5	103%	1%
Zinc (Zn)	090924-48	1.00	100	*PASS*	*16.1*	50.0	68.1	104%	68.6	105%	1%

ANALYSIS DATE. : 9/25/2009

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	*Sample Result*	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	090924-179	0.125	93.7	*PASS*	*0*	0.125	0.103	82%	0.112	90%	8%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Copper (Cu)	*PASS*	*PASS*	*PASS*	*PASS*
Lead (Pb)	*PASS*	*PASS*	*PASS*	*PASS*
Zinc (Zn)	*PASS*	*PASS*	*PASS*	*PASS*
Mercury (Hg)	*PASS*	*PASS*	*PASS*	*PASS*
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/23/09
DATE EXTRACTED: 09/24/09
DATE ANALYZED: 09/25/09
DATE REPORTED: 10/01/09

SAMPLE I.D.: **B-4-1**
LAB I.D.: 090924-46

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/23/09
DATE EXTRACTED: 09/24/09
DATE ANALYZED: 09/25/09
DATE REPORTED: 10/01/09

SAMPLE I.D.: B-4-5
LAB I.D.: 090924-47

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **Artic**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/23/09
DATE EXTRACTED: 09/24/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/01/09

SAMPLE I.D.: **B-4-10**
LAB I.D.: 090924-48

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/23/09
DATE EXTRACTED: 09/24/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/01/09

SAMPLE I.D.: B-4-20
LAB I.D.: 090924-49

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/23/09
DATE EXTRACTED: 09/24/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/01/09

SAMPLE I.D.: B-4-30
LAB I.D.: 090924-50

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/23/09
DATE EXTRACTED: 09/24/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/01/09

SAMPLE I.D.: B-4-40
LAB I.D.: 090924-51

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/23/09
DATE EXTRACTED: 09/24/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/01/09

SAMPLE I.D.: B-4-50
LAB I.D.: 090924-52

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: Artic
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/23/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/23/09
DATE EXTRACTED: 09/24/09
DATE ANALYZED: 09/25/09
DATE REPORTED: 10/01/09

METHOD BLANK FOR LAB I.D.: 090924-46 THROUGH -52

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081 QA/QC Report

Matrix: **Soil/Solid** Date Analyzed: **9/25~26/2009**

Unit: mg/Kg

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 090923-92 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.0500	0.0428	86%	0.0430	86%	0%	0-20%	70-130
Aldrin	0.000	0.0500	0.0537	107%	0.0530	106%	1%	0-20%	70-130
4,4-DDE	0.000	0.0500	0.0399	80%	0.0412	82%	3%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.00428	86%	75-125
Aldrin	0.00500	0.00556	111%	75-125
4,4-DDE	0.00500	0.00512	102%	75-125
Dieldrin	0.00500	0.00567	113%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	090924-46	090924-47	090924-48	090924-49	090924-50	090924-51
Tetra-chloro-meta-xylene	50-150	104%	98%	82%	89%	100%	87%	94%
Decachlorobiphenyl	50-150	89%	91%	57%	88%	82%	79%	76%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	090924-52							
Tetra-chloro-meta-xylene	100%							
Decachlorobiphenyl	88%							

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
Tetra-chloro-meta-xylene						
Decachlorobiphenyl						

S.R = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

** = Surrogate fail due to matrix interference (if Marked)*

Note: *LCS, MS, MSD are in control therefore results are in control.*

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: **Soil/Solid** Date Analyzed: 9/25~26/2009

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 090923-92 MS/MSD

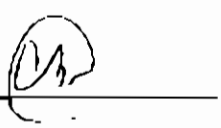
Analyte	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	1.00	0.900	90%	0.971	97%	8%	0-20%	70-130

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.109	109%	75-125

spk conc = Spike Concentration
%REC = Percent Recovery
ACP %RPD = Acceptable Percent RPD Range
ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: 22

Final Reviewer: 

KLEINFELDER
Right People. Right Solutions.

PROJECT NO.	PROJECT NAME
103567/ENV2	ARTIC

I.P. NO. (PO. NO.)	SAMPLERS: (Signature/Number)

RECEIVING LAB: ENVIRO-CHEM

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CON-TAINERS	TYPE OF CON-TAINERS	ANALYSIS: TPH-GC/D (8015B)	VOCs (8260B)	CCR/PCBs (8151A/8082)	THE 22 WET CAMs (6010B/7471A)	INSTRUCTIONS/REMARKS
1	9/23/09	7:27	B-4-1	SOIL	5	3oz/VOA	X	X	X	X	090924-46
2		7:47	B-4-5		1 T.B.T 1 GLASS	SLEEVE/ 4oz					47
3		7:57	B-4-10								48
4		8:08	B-4-20								49
5		8:20	B-4-30								50
6		8:34	B-4-40								51
7		8:52	B-4-50								52
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	9/23/09 15:45	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	9/24/09 9:44	
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)

Instructions/Remarks: STANDARD TAT

Send Results To:
KLEINFELDER
620 W. 16TH ST., STE. F
LONG BEACH, CA 90813
Attn: BERT VOGLER

ENV-02 REV 05/08)

White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

COC № 04539

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: October 2, 2009

Mr. Bert Vogler
Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

Project: **ARTIC**
Project No.: **103567/Env 2**
Lab I.D.: **090925-51 through -64**

Dear Mr. Vogler:

The **analytical results** for the soil samples, received by our lab on September 25, 2009, are attached. The samples were received chilled, intact and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Wang
Laboratory Manager

Eric Lu, Ph.D.
Chief Chemist

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/28/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09

TOTAL PETROLEUM HYDROCARBONS(TPH) - CARBON CHAIN ANALYSIS
METHOD: EPA 8015B
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C4-C10	C11-C22	C23-C35	DF
B-2-1.5	090925-51	ND	ND	ND	1
B-2-5	090925-52	ND	ND	ND	1
B-2-10	090925-53	ND	ND	ND	1
B-2-20	090925-54	ND	ND	ND	1
B-2-30	090925-55	ND	ND	ND	1
B-2-40	090925-56	ND	ND	ND	1
B-2-50	090925-57	ND	ND	ND	1
B-1-1.5	090925-58	ND	ND	ND	1
B-1-5	090925-59	ND	ND	ND	10*
B-1-10	090925-60	ND	ND	ND	1
B-1-20	090925-61	ND	ND	ND	1
B-1-30	090925-62	ND	ND	ND	1
B-1-40	090925-63	ND	ND	ND	1
B-1-50	090925-64	ND	ND	ND	1
METHOD BLANK		ND	ND	ND	1
	PQL	10	10	50	

COMMENTS
C4-C10 = GASOLINE RANGE
C11-C22 = DIESEL RANGE
C23-C35 = MOTOR OIL RANGE
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
* = ACTUAL DETECTION LIMIT RAISED DUE TO MATRIX INTERFERENCE
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B Soil/Solid QC

Date Analyzed: 9/28/2009 Units: mg/Kg (PPM)

Matrix: **Solid/Sludge**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **090925-52 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C11~C22 Range	0	2500	2219	89%	2330	93%	5%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C11~C22 Range	200	223	112%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	090925-51	090925-52	090925-53	090925-54	090925-55	090925-56	090925-57
O-Terphenyl	60-140%	88%	101%	103%	76%	85%	78%	68%	88%
Octacosane	60-140%	97%	105%	108%	76%	87%	85%	75%	92%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		090925-58	090925-59	090925-60	090925-61	090925-62	090925-63	090925-64	
O-Terphenyl	60-140%	73%	93%	105%	110%	102%	85%	100%	
Octacosane	60-140%	84%	112%	102%	108%	103%	128%	102%	

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC			
Sample I.D.									
O-Terphenyl	60-140%								
Octacosane	60-140%								

Analyzed and Reviewed By: _____

Final Reviewer: _____

** = Surrogate fail due to matrix interference*

Note: *LCS, MS, MSD are in control therefore results are in control.*

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

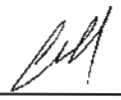
CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

EPA 5035/8260B FOR FUEL OXYGENATES; PAGE 1 OF 2
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
B-2-1.5	090925-51	ND	ND	ND	ND	ND	1
B-2-5	090925-52	ND	ND	ND	ND	ND	1
B-2-10	090925-53	ND	ND	ND	ND	ND	1
B-2-20	090925-54	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
	PQL	0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09 — DATE ANALYZED: 09/29/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

EPA 5035/8260B FOR FUEL OXYGENATES; PAGE 2 OF 2
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
B-2-30	090925-55	ND	ND	ND	ND	ND	1
B-2-40	090925-56	ND	ND	ND	ND	ND	1
B-2-50	090925-57	ND	ND	ND	ND	ND	1
B-2-1.5	090925-58	ND	ND	ND	ND	ND	1
B-2-5	090925-59	ND	ND	ND	ND	ND	1
B-2-10	090925-60	ND	ND	ND	ND	ND	1
B-2-20	090925-61	ND	ND	ND	ND	ND	1
B-2-30	090925-62	ND	ND	ND	ND	ND	1
B-2-40	090925-63	ND	ND	ND	ND	ND	1
B-2-50	090925-64	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
PQL		0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER — DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER — TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-2-1.5

DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-51

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-2-1.5
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-51

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.010	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-2-5
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-52

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-2-5
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-52

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-2-10

DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-53

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-2-10
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-53

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.008	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
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CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-2-20
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-54

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	0.039	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-2-20
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-54

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.035	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-2-30
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-55

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-2-30
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-55

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.011	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-2-40
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-56

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-2-40
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-56

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.006	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-2-50

DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-57

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-2-50
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-57

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.013	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-1-1.5
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-58

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-1-1.5
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-58

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.005	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-1-5
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-59

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-1-5
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-59

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.010	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-1-10

DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-60

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-1-10

DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-60

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-1-20

DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-61

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-1-20
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-61

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-1-30

DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-62

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-1-30

DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-62

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-1-40
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-63

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-1-40
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-63

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-1-50

DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-64

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: B-1-50
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/29/09
DATE REPORTED: 10/02/09
LAB I.D.: 090925-64

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	0.007	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09
METHOD BLANK FOR LAB I.D.: 090925-51 THROUGH -54

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09
METHOD BLANK FOR LAB I.D.: 090925-51 THROUGH -54

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 9/28/2009 **Matrix:** Solid/Soil/Sludge
Machine: C **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 090928-195 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.058	116%	0.051	102%	14%	75-125	0-20
Chlorobenzene	0	0.050	0.052	104%	0.050	100%	4%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.047	94%	0.055	110%	16%	75-125	0-20
Toluene	0	0.050	0.044	88%	0.050	100%	12%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.056	112%	0.053	106%	6%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.052	104%	75-125
Chlorobenzene	0.050	0.051	102%	75-125
Chloroform	0.050	0.045	90%	75-125
1,1-Dichlorothene	0.050	0.055	110%	75-125
Ethylbenzene	0.050	0.047	94%	75-125
o-Xylene	0.050	0.048	96%	75-125
m,p-Xylene	0.100	0.101	101%	75-125
Toluene	0.050	0.043	86%	75-125
1,1,1-Trichloroethane	0.050	0.051	102%	75-125
Trichloroethene (TCE)	0.050	0.054	108%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	090925-51	090925-52	090925-53	090925-54	090928-182	090928-186
Dibromofluoromethane	50.0	70-130	109%	105%	107%	105%	108%	87%	87%
Toluene-d8	50.0	70-130	99%	99%	99%	99%	96%	97%	95%
4-Bromofluorobenzene	50.0	70-130	101%	97%	96%	96%	79%	100%	98%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			090928-187	090928-191	090928-195	090928-196	090928-199	090928-202	090928-203
Dibromofluoromethane	50.0	70-130	85%	98%	88%	87%	87%	93%	94%
Toluene-d8	50.0	70-130	96%	97%	96%	94%	97%	96%	97%
4-Bromofluorobenzene	50.0	70-130	97%	96%	95%	95%	95%	93%	93%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.									
Dibromofluoromethane	50.0	70-130							
Toluene-d8	50.0	70-130							
4-Bromofluorobenzene	50.0	70-130							

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: SLH

Final Reviewer:

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09 — DATE ANALYZED: 09/29/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09
METHOD BLANK FOR LAB I.D.: 090925-55 THROUGH -64

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
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METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09 — DATE ANALYZED: 09/29/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09
METHOD BLANK FOR LAB I.D.: 090925-55 THROUGH -64

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 9/29/2009 **Matrix:** Solid/Soil/Sludge
Machine: C **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 090925-56 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.051	102%	0.056	112%	10%	75-125	0-20
Chlorobenzene	0	0.050	0.050	100%	0.052	104%	4%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.055	110%	0.052	104%	6%	75-125	0-20
Toluene	0	0.050	0.052	104%	0.049	98%	6%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.052	104%	0.049	98%	6%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.050	100%	75-125
Chlorobenzene	0.050	0.052	104%	75-125
Chloroform	0.050	0.050	100%	75-125
1,1-Dichlorothene	0.050	0.047	94%	75-125
Ethylbenzene	0.050	0.049	98%	75-125
o-Xylene	0.050	0.048	96%	75-125
m,p-Xylene	0.100	0.111	111%	75-125
Toluene	0.050	0.056	112%	75-125
1,1,1-Trichloroethane	0.050	0.051	102%	75-125
Trichloroethene (TCE)	0.050	0.055	110%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	090925-55	090925-56	090925-57	090925-58	090925-59	090925-60
Dibromofluoromethane	50.0	70-130	98%	112%	103%	109%	100%	107%	99%
Toluene-d8	50.0	70-130	100%	103%	98%	103%	98%	98%	100%
4-Bromofluorobenzene	50.0	70-130	98%	93%	84%	89%	88%	88%	90%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			090925-61	090925-62	090925-63	090925-64			
Dibromofluoromethane	50.0	70-130	100%	95%	97%	104%			
Toluene-d8	50.0	70-130	100%	99%	101%	101%			
4-Bromofluorobenzene	50.0	70-130	90%	93%	91%	85%			

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.									
Dibromofluoromethane	50.0	70-130							
Toluene-d8	50.0	70-130							
4-Bromofluorobenzene	50.0	70-130							

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: SCH

Final Reviewer:

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

SAMPLE I.D.: B-2-1.5 — LAB I.D.: 090925-51

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	24.0	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	3.88	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	2.87	1.0	1	2,500	25	6010B
Lead(Pb)	1.07	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	2.19	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	11.0	5.0	1	2,400	24	6010B
Zinc(Zn)	16.1	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09
DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-2-5
LAB I.D.: 090925-52

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	17.9	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	3.03	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	2.94	1.0	1	2,500	25	6010B
Lead(Pb)	0.760	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	8.01	5.0	1	2,400	24	6010B
Zinc(Zn)	12.9	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
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-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09
DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-2-10
LAB I.D.: 090925-53

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	33.4	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	5.40	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	6.54	1.0	1	2,500	25	6010B
Lead(Pb)	14.3	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	3.63	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	10.4	5.0	1	2,400	24	6010B
Zinc(Zn)	54.8	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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** = Additional Analysis required, please call to discuss (if marked)
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-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

SAMPLE I.D.: B-2-20 — LAB I.D.: 090925-54

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	112	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	22.7	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	23.8	1.0	1	2,500	25	6010B
Lead(Pb)	16.5	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	14.7	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	43.8	5.0	1	2,400	24	6010B
Zinc(Zn)	73.1	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

SAMPLE I.D.: B-2-30 — LAB I.D.: 090925-55

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	66.5	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	17.9	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	14.4	1.0	1	2,500	25	6010B
Lead(Pb)	2.86	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	11.7	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	32.4	5.0	1	2,400	24	6010B
Zinc(Zn)	51.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09
DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-2-40
LAB I.D.: 090925-56

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	51.0	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	11.6	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	57.1	1.0	1	2,500	25	6010B
Lead(Pb)	4.47	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	11.1	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	22.6	5.0	1	2,400	24	6010B
Zinc(Zn)	52.0	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
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-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09
DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-2-50
LAB I.D.: 090925-57

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	122	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	14.1	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	21.6	1.0	1	2,500	25	6010B
Lead(Pb)	7.93	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	15.4	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	29.0	5.0	1	2,400	24	6010B
Zinc(Zn)	73.4	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
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-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

SAMPLE I.D.: B-1-1.5 — LAB I.D.: 090925-58

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	30.6	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	6.16	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	4.53	1.0	1	2,500	25	6010B
Lead(Pb)	1.87	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	3.72	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	13.5	5.0	1	2,400	24	6010B
Zinc(Zn)	25.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
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-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-1-5
LAB I.D.: 090925-59

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	41.2	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	7.64	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	5.50	1.0	1	2,500	25	6010B
Lead(Pb)	2.80	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	4.78	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	16.6	5.0	1	2,400	24	6010B
Zinc(Zn)	46.6	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

SAMPLE I.D.: B-1-10 — LAB I.D.: 090925-60

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	27.5	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	4.07	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	5.56	1.0	1	2,500	25	6010B
Lead(Pb)	0.634	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	9.79	5.0	1	2,400	24	6010B
Zinc(Zn)	22.8	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

SAMPLE I.D.: B-1-20 — LAB I.D.: 090925-61

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	17.0	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	3.41	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	2.29	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	2.68	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	8.72	5.0	1	2,400	24	6010B
Zinc(Zn)	11.7	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
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-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-1-30
LAB I.D.: 090925-62

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	26.2	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	5.83	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	7.63	1.0	1	2,500	25	6010B
Lead(Pb)	0.668	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	3.31	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	12.5	5.0	1	2,400	24	6010B
Zinc(Zn)	20.7	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
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STLC = Soluble Threshold Limit Concentration
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-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-1-40
LAB I.D.: 090925-63

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	14.8	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	2.69	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	12.4	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	6.74	5.0	1	2,400	24	6010B
Zinc(Zn)	12.7	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
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ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09
DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-1-50
LAB I.D.: 090925-64

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	136	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	17.8	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	23.4	1.0	1	2,500	25	6010B
Lead(Pb)	7.83	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	18.1	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	36.8	5.0	1	2,400	24	6010B
Zinc(Zn)	73.8	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.
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METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/24/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

METHOD BLANK FOR LAB I.D.: 090925-51 THROUGH -64

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	ND	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	ND	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	ND	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL *MATRIX*

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 9/28/2009

Unit : *mg/Kg(ppm)*

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	*Sample Result*	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Copper (Cu)	090925-52	1.00	101	*PASS*	*2.94*	50.0	59.2	113%	60.7	116%	3%
Lead (Pb)	090925-52	1.00	100	*PASS*	*0.760*	50.0	53.7	106%	53.1	105%	1%
Zinc (Zn)	090925-52	1.00	100	*PASS*	*12.9*	50.0	66.4	107%	67.4	109%	2%

ANALYSIS DATE. : 9/28/2009

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	*Sample Result*	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	090924-179	0.125	92.6	*PASS*	*0*	0.125	0.102	82%	0.104	83%	2%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Copper (Cu)	*PASS*	*PASS*	*PASS*	*PASS*
Lead (Pb)	*PASS*	*PASS*	*PASS*	*PASS*
Zinc (Zn)	*PASS*	*PASS*	*PASS*	*PASS*
Mercury (Hg)	*PASS*	*PASS*	*PASS*	*PASS*
Accepted Range	**75 ~ 125**	**75 ~ 125**	**85 ~ 115**	**0 ~ 20**

ANALYST: _____

FINAL REVIEWER: _____

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/25/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-2-1.5
LAB I.D.: 090925-51

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/25/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-2-5
LAB I.D.: 090925-52

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

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LABORATORY REPORT

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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/25/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-2-10
LAB I.D.: 090925-53

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	0.002	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

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LABORATORY REPORT

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620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
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DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-2-20
LAB I.D.: 090925-54

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/25/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-2-30
LAB I.D.: 090925-55

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/25/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-2-40
LAB I.D.: 090925-S6

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/25/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-2-50
LAB I.D.: 090925-57

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/25/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-1-1.5
LAB I.D.: 090925-58

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/25/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-1-5
LAB I.D.: 090925-59

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	10*
alpha-BHC	ND	0.001	10*
beta-BHC	ND	0.001	10*
gamma-BHC (Lindane)	ND	0.001	10*
delta-BHC	ND	0.001	10*
alpha-Chlordane	ND	0.001	10*
gamma-Chlordane	ND	0.001	10*
Total Chlordane (Technical)	ND	0.005	10*
4,4'-DDD	ND	0.001	10*
4,4'-DDE	ND	0.001	10*
4,4'-DDT	ND	0.001	10*
Dieldrin	ND	0.001	10*
Endosulfan I	ND	0.001	10*
Endosulfan II	ND	0.001	10*
Endosulfan Sulfate	ND	0.001	10*
Endrin	ND	0.001	10*
Endrin Aldehyde	ND	0.001	10*
Endrin Ketone	ND	0.001	10*
Heptachlor Epoxide	ND	0.001	10*
Heptachlor	ND	0.001	10*
Methoxyclor	ND	0.001	10*
Toxaphene	ND	0.020	10*
PCB-1016	ND	0.010	10*
PCB-1221	ND	0.010	10*
PCB-1232	ND	0.010	10*
PCB-1242	ND	0.010	10*
PCB-1248	ND	0.010	10*
PCB-1254	ND	0.010	10*
PCB-1260	ND	0.010	10*

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
* = Actual detection limit raised due to matrix interference
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/25/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-1-10
LAB I.D.: 090925-60

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/25/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-1-20
LAB I.D.: 090925-61

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/25/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-1-30
LAB I.D.: 090925-62

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/25/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-1-40
LAB I.D.: 090925-63

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/25/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: B-1-50
LAB I.D.: 090925-64

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/24/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/25/09
DATE ANALYZED: 09/26/09
DATE REPORTED: 10/02/09

METHOD BLANK FOR LAB I.D.: 090925-51 THROUGH -64

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081 QA/QC Report

Matrix: **Soil/Solid** Date Analyzed: 9/26/2009

Unit: mg/Kg

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 090925-51 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.0500	0.0437	87%	0.0445	89%	2%	0-20%	70-130
Aldrin	0.000	0.0500	0.0517	103%	0.0507	101%	2%	0-20%	70-130
4,4-DDE	0.000	0.0500	0.0356	71%	0.0376	75%	5%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.00443	89%	75-125
Aldrin	0.00500	0.00560	112%	75-125
4,4-DDE	0.00500	0.00448	90%	75-125
Dieldrin	0.00500	0.00564	113%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	090925-51	090925-52	090925-53	090925-54	090925-55	090925-56
Tetra-chloro-meta-xylene	50-150	98%	85%	87%	93%	88%	87%	97%
Decachlorobiphenyl	50-150	81%	68%	60%	74%	87%	85%	85%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	090925-57	090925-58	090925-59	090925-60	090925-61	090925-62	090925-63	090925-64
Tetra-chloro-meta-xylene	102%	100%	103%	105%	107%	103%	91%	112%
Decachlorobiphenyl	95%	88%	88%	98%	90%	77%	64%	100%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
Tetra-chloro-meta-xylene						
Decachlorobiphenyl						

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

* = *Surrogate fail due to matrix interference (If Marked)*

Note: *LCS, MS, MSD are in control therefore results are in control.*

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: **Soil/Solid** Date Analyzed: 9/26/2009

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 090925-51 MS/MSD

Analyte	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	1.00	0.901	**90%**	0.971	**97%**	**7%**	**0-20%**	**70-130**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.104	**104%**	**75-125**

spk conc = Spike Concentration
%REC = Percent Recovery
ACP %RPD = Acceptable Percent RPD Range
ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: TKL

Final Reviewer:

KLEINFELDER
Bright People. Right Solutions.

PROJECT NO	PROJECT NAME
103567/ENV2	ARTIC

L.P. NO. (PO. NO.)	SAMPLERS: (Signature/Number)

RECEIVING LAB: ENVIRO-CHEM

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D	MATRIX	NO. OF CON-TAINERS	TYPE OF CON-TAINERS	ANALYSIS: TPH-CC10 (8015B)	VOCs (8035/8260B)	PCBs/PCBs (8081A/8082)	TTLC 22 METALS (6010B/7471A)	INSTRUCTIONS/REMARKS: Lab ID
1	9/24/09	7:35	B-2-1.5	SOIL	5	JAR/VOA	X	X	X	X	090925-51
2		7:53	B-2-5			SLEEVE/VOA					-52
3		7:59	B-2-10								-53
4		8:09	B-2-20								-54
5		8:15	B-2-30								-55
6		8:28	B-2-40								-56
7		8:38	B-2-50								-57
8		13:40	B-1-1.5			JAR/VOA					-58
9		13:56	B-1-5			SLEEVE/VOA					-59
10		14:03	B-1-10								-60
11		14:10	B-1-20								-61
12		14:16	B-1-30								-62
13		14:30	B-1-40								-63
14		14:45	B-1-50								-64
15											
16											
17											
18											
19											
20											

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	9/24/09 1540	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	9/25/09 12:00	
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)

Instructions/Remarks: STANDARD T-A-T

Send Results To:
KLEINFELDER
620 W. 16TH ST., STE. F
LONG BEACH, CA 90813
Attn: BERT VOGLER

ENV-02 REV 05/08)

White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

COC № 04540

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: October 2, 2009

Mr. Bert Vogler
Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

Project: **ARTIC**
Project No.: **103567/Env 2**
Lab I.D.: **090928-204 through -210**

Dear Mr. Vogler:

The **analytical results** for the soil samples, received by our lab on September 25, 2009, are attached. The samples were received chilled, intact and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Wang
Laboratory Manager

Eric Lu, Ph.D.
Chief Chemist

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/28/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09

TOTAL PETROLEUM HYDROCARBONS(TPH) - CARBON CHAIN ANALYSIS
METHOD: EPA 8015B
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C4-C10	C11-C22	C23-C35	DF
W-1-1.5	090928-204	ND	ND	ND	1
W-1-5	090928-205	ND	ND	ND	1
W-1-10	090928-206	ND	ND	ND	1
W-1-20	090928-207	ND	ND	ND	1
W-1-30	090928-208	ND	ND	ND	1
W-1-40	090928-209	ND	ND	ND	1
W-1-50	090928-210	ND	ND	ND	1
METHOD BLANK		ND	ND	ND	1
	PQL	10	10	50	

COMMENTS
C4-C10 = GASOLINE RANGE
C11-C22 = DIESEL RANGE
C23-C35 = MOTOR OIL RANGE
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

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8015B Soil/Solid QC

Date Analyzed: 9/28/2009 **Units:** mg/Kg (PPM)

Matrix: **Solid/Sludge**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **090928-210 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C11~C22 Range	0	2500	2466	99%	2332	93%	6%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C11~C22 Range	200	227	114%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	090928-204	090928-205	090928-206	090928-207	090928-208	090928-209	090928-210
O-Terphenyl	60-140%	101%	100%	98%	99%	105%	103%	110%	108%
Octacosane	60-140%	108%	92%	95%	98%	103%	105%	105%	110%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.									
O-Terphenyl	60-140%								
Octacosane	60-140%								

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC			
Sample I.D.									
O-Terphenyl	60-140%								
Octacosane	60-140%								

Analyzed and Reviewed By: _____

Final Reviewer: _____

* = *Surrogate fail due to matrix interference*

Note: *LCS, MS, MSD are in control therefore results are in control.*

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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/25/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

EPA 5035/8260B FOR FUEL OXYGENATES
UNITS: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
W-1-1.5	090928-204	ND	ND	ND	ND	ND	1
W-1-5	090928-205	ND	ND	ND	ND	ND	1
W-1-10	090928-206	ND	ND	ND	ND	ND	1
W-1-20	090928-207	ND	ND	ND	ND	ND	1
W-1-30	090928-208	ND	ND	ND	ND	ND	1
W-1-40	090928-209	ND	ND	ND	ND	ND	1
W-1-50	090928-210	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
	PQL	0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: W-1-1.5
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090928-204

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: W-1-1.5
DATE RECEIVED: 09/25/09
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DATE REPORTED: 10/02/09
LAB I.D.: 090928-204

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: W-1-5
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090928-205

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: W-1-10
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090928-206

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT No.: 103567/Env 2
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DATE REPORTED: 10/02/09
LAB I.D.: 090928-206

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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CUSTOMER: Kleinfelder
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: W-1-20

DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090928-207

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/25/09
DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/02/09
SAMPLE I.D.: W-1-20
LAB I.D.: 090928-207

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: W-1-30
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090928-208

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: W-1-30
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090928-208

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: W-1-40
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090928-209

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: W-1-40
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090928-209

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: W-1-50
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090928-210

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: W-1-50
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09
LAB I.D.: 090928-210

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/25/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

METHOD BLANK FOR LAB I.D.: 090928-204 THROUGH -210

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/25/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

METHOD BLANK FOR LAB I.D.: 090928-204 THROUGH -210

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 9/28/2009 **Matrix:** Solid/Soil/Sludge
Machine: C **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 090928-195 MS/MSI

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.058	116%	0.051	102%	14%	75-125	0-20
Chlorobenzene	0	0.050	0.052	104%	0.050	100%	4%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.047	94%	0.055	110%	16%	75-125	0-20
Toluene	0	0.050	0.044	88%	0.050	100%	12%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.056	112%	0.053	106%	6%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.052	104%	75-125
Chlorobenzene	0.050	0.051	102%	75-125
Chloroform	0.050	0.045	90%	75-125
1,1-Dichlorothene	0.050	0.055	110%	75-125
Ethylbenzene	0.050	0.047	94%	75-125
o-Xylene	0.050	0.048	96%	75-125
m,p-Xylene	0.100	0.101	101%	75-125
Toluene	0.050	0.043	86%	75-125
1,1,1-Trichloroethane	0.050	0.051	102%	75-125
Trichloroethene (TCE)	0.050	0.054	108%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	090925-51	090925-52	090925-53	090925-54	090928-182	090928-186
Dibromofluoromethane	50.0	70-130	109%	105%	107%	105%	108%	87%	87%
Toluene-d8	50.0	70-130	99%	99%	99%	99%	96%	97%	95%
4-Bromofluorobenzene	50.0	70-130	101%	97%	96%	96%	79%	100%	98%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			090928-187	090928-191	090928-195	090928-196	090928-199	090928-202	090928-203
Dibromofluoromethane	50.0	70-130	85%	98%	88%	87%	87%	93%	94%
Toluene-d8	50.0	70-130	96%	97%	96%	94%	97%	96%	97%
4-Bromofluorobenzene	50.0	70-130	97%	96%	95%	95%	95%	93%	93%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			090928-204	090928-205	090928-206	090928-207	090928-208	090928-209	090928-210
Dibromofluoromethane	50.0	70-130	87%	95%	98%	100%	112%	97%	107%
Toluene-d8	50.0	70-130	98%	99%	101%	103%	103%	99%	99%
4-Bromofluorobenzene	50.0	70-130	95%	94%	95%	80%	97%	91%	93%

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: SH

Final Reviewer: CH

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/25/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

SAMPLE I.D.: W-1-1.5 — LAB I.D.: 090928-204

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	8.61	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	0.711	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	5.11	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/25/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

SAMPLE I.D.: W-1-5 — LAB I.D.: 090928-205

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	40.6	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	6.95	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	35.0	1.0	1	2,500	25	6010B
Lead(Pb)	3.94	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	5.11	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	15.7	5.0	1	2,400	24	6010B
Zinc(Zn)	37.3	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/25/09
DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/02/09

SAMPLE I.D.: W-1-10
LAB I.D.: 090928-206

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	18.7	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	2.91	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	2.56	1.0	1	2,500	25	6010B
Lead(Pb)	0.655	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	6.84	5.0	1	2,400	24	6010B
Zinc(Zn)	13.3	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
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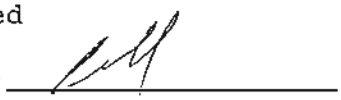
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/25/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

SAMPLE I.D.: W-1-20 — LAB I.D.: 090928-207

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	10.4	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	1.78	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	7.09	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/25/09
DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/02/09

SAMPLE I.D.: W-1-30
LAB I.D.: 090928-208

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	72.7	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	11.6	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	18.3	1.0	1	2,500	25	6010B
Lead(Pb)	3.96	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	9.51	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	25.4	5.0	1	2,400	24	6010B
Zinc(Zn)	50.6	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/25/09 — DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/02/09

SAMPLE I.D.: W-1-40 — LAB I.D.: 090928-209

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	26.7	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	5.18	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	31.6	1.0	1	2,500	25	6010B
Lead(Pb)	2.27	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	6.54	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	9.10	5.0	1	2,400	24	6010B
Zinc(Zn)	34.4	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
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-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 09/25/09
DATE SAMPLED: 09/25/09
DATE ANALYZED: 09/28/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/02/09

SAMPLE I.D.: W-1-50
LAB I.D.: 090928-210

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	93.7	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	9.27	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	13.5	1.0	1	2,500	25	6010B
Lead(Pb)	4.83	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	10.2	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	20.4	5.0	1	2,400	24	6010B
Zinc(Zn)	50.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 09/25/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09

METHOD BLANK FOR LAB I.D.: 090928-204 THROUGH -210

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	ND	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	ND	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	ND	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 9/28/2009

Unit : mg/Kg(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Copper (Cu)	090928-204	1.00	97	PASS	0	50.0	59.1	118%	56.9	114%	4%
Lead (Pb)	090928-204	1.00	96	PASS	0	50.0	52.4	105%	52.6	105%	0%
Zinc (Zn)	090928-204	1.00	96	PASS	5.11	50.0	65.2	120%	63.0	116%	4%

ANALYSIS DATE. : 9/28/2009

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	090928-203	0.125	94.2	PASS	0	0.125	0.111	89%	0.106	85%	5%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Copper (Cu)	PASS	PASS	PASS	PASS
Lead (Pb)	PASS	PASS	PASS	PASS
Zinc (Zn)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/28/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: W-1-1.5
LAB I.D.: 090928-204

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/28/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: W-1-5
LAB I.D.: 090928-205

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/28/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: W-1-10
LAB I.D.: 090928-206

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
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DATE REPORTED: 10/02/09

SAMPLE I.D.: W-1-20
LAB I.D.: 090928-207

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX:SOIL
DATE SAMPLED:09/25/09
REPORT TO:Mr. BERT VOGLER

DATE RECEIVED:09/25/09
DATE EXTRACTED:09/28/09
DATE ANALYZED:09/28/09
DATE REPORTED:10/02/09

SAMPLE I.D.: W-1-30
LAB I.D.: 090928-208

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/28/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: W-1-40
LAB I.D.: 090928-209

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
DATE EXTRACTED: 09/28/09
DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09

SAMPLE I.D.: W-1-50
LAB I.D.: 090928-210

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
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METHOD BLANK REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 09/25/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 09/25/09
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DATE ANALYZED: 09/28/09
DATE REPORTED: 10/02/09

METHOD BLANK FOR LAB I.D.: 090928-204 THROUGH -210

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081 QA/QC Report

Matrix: **Soil/Solid** Date Analyzed: **9/28/2009**

Unit: mg/Kg

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 090928-206 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.0500	0.0414	**83%**	0.0451	**90%**	**9%**	**0-20%**	**70-130**
Aldrin	0.000	0.0500	0.0455	**91%**	0.0472	**94%**	**4%**	**0-20%**	**70-130**
4,4-DDE	0.000	0.0500	0.0388	**78%**	0.0378	**76%**	**3%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.00421	**84%**	**75-125**
Aldrin	0.00500	0.00428	**86%**	**75-125**
4,4-DDE	0.00500	0.00375	**75%**	**75-125**
Dieldrin	0.00500	0.00460	**92%**	**75-125**

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	090928-181~183	090928-184~186	090928-187~189	090928-190~192	090928-193~195	090928-196~198
Tetra-chloro-meta-xylene	50-150	106%	100%	102%	101%	96%	97%	104%
Decachlorobiphenyl	50-150	78%	94%	87%	120%	83%	76%	118%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	090928-199~200	090928-201~202	090928-203	090928-204	090928-205	090928-206	090928-207	090928-208
Tetra-chloro-meta-xylene	96%	100%	94%	103%	101%	93%	97%	98%
Decachlorobiphenyl	69%	66%	73%	76%	108%	98%	71%	76%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	090928-209	090928-210				
Tetra-chloro-meta-xylene	96%	98%				
Decachlorobiphenyl	70%	64%				

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

** = Surrogate fail due to matrix interference (If Marked)*

Note: ***LCS, MS, MSD are in control therefore results are in control.***

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: **Soil/Solid** Date Analyzed: **9/28/2009**

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 090928-206 MS/MSD

Analyte	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	1.00	1.08	**108%**	1.140	**114%**	**5%**	**0-20%**	**70-130**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.116	**116%**	**75-125**

spk conc = Spike Concentration
%REC = Percent Recovery
ACP %RPD = Acceptable Percent RPD Range
ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: _____

Final Reviewer: _____

KLEINFELDER
Bright People. Right Solutions.

PROJECT NO.	PROJECT NAME	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS												RECEIVING LAB:
103567/EW12	ARTIC															ENVIRO-CHEM
L.P. NO. (PO. NO.)	SAMPLERS: (Signature/Number)															INSTRUCTIONS/REMARKS
	PAUL DEON															

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS 1x bt	TPH-CCIO (8015-B)	VOCs (8260B/8015/C03-)	PCBs/PCBs (8081A/8082)	TITLE 22 METALS (6010B/7470A)							INSTRUCTIONS/REMARKS
1	9/25/09	6:52	W-1-1.5	SOIL	5	JAR/402	X	X	X	X							0909 25-204
2		7:06	W-1-5			SLEEVE/402											205
3		7:14	W-1-10														206
4		7:28	W-1-20														207
5		7:37	W-1-30														208
6		7:53	W-1-40														209
7		8:05	W-1-50														210
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	9/25/09 1530	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	9/28/09 8:00	WP
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)

Instructions/Remarks:

STANDARD T-A-T.

Send Results To:

KLEINFELDER
620 W. 16TH ST, STE. F
LONG BEACH, CA 90813

Attn: BERT VOLLER

White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

ENV-02 REV 05/08)

CHAIN OF CUSTODY

COC № 04541

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: October 23, 2009

Mr. Bert Vogler
Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

Project: **ARTIC**
Project No.: **103567/Env 2**
Lab I.D.: **091016-21 through -40**

Dear Mr. Vogler:

The **analytical results** for the soil samples, received by our lab on October 16, 2009, are attached. The samples were received chilled, intact and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Wang
Laboratory Manager

Eric Lu, Ph.D.
Chief Chemist

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16-17/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

EPA 5035/8260B FOR FUEL OXYGENATES; PAGE 1 OF 2
UNITS: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
KA-1-1	091016-21	ND	ND	ND	ND	ND	1
KA-1-5	091016-22	ND	ND	ND	ND	ND	1
KA-1-10	091016-23	ND	ND	ND	ND	ND	1
KA-1-15	091016-24	ND	ND	ND	ND	ND	1
KA-2-1	091016-25	ND	ND	ND	ND	ND	1
KA-2-5	091016-26	ND	ND	ND	ND	ND	1
KA-2-10	091016-27	ND	ND	ND	ND	ND	1
KA-2-15	091016-28	ND	ND	ND	ND	ND	1
KA-3-1	091016-29	ND	ND	ND	ND	ND	1
KA-3-6	091016-30	ND	ND	ND	ND	ND	1
KA-4-2.5	091016-31	ND	ND	ND	ND	ND	1
KA-4-4.5	091016-32	ND	ND	ND	ND	ND	1
KA-5-5.5	091016-33	ND	ND	ND	ND	ND	1
KA-5-10	091016-34	ND	ND	ND	ND	ND	1
KA-5-15	091016-35	ND	ND	ND	ND	ND	1
KA-6-3	091016-36	ND	ND	ND	ND	ND	1
KA-6-5	091016-37	ND	ND	ND	ND	ND	1
KA-7-15	091016-38	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
	PQL	0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER — DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER — TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

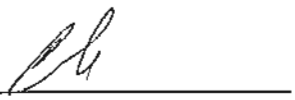
CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/21/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

EPA 5035/8260B FOR FUEL OXYGENATES; PAGE 2 OF 2
UNITS: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
KA-7-20	091016-39	ND	ND	ND	ND	ND	1
KA-8-5	091016-40	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
PQL		0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/17/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-1-1 — LAB I.D.: 091016-21

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/17/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-1-1 — LAB I.D.: 091016-21

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-1-5 — LAB I.D.: 091016-22

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-1-5 — LAB I.D.: 091016-22

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-1-10 — LAB I.D.: 091016-23

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-1-10 — LAB I.D.: 091016-23

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-1-15 — LAB I.D.: 091016-24

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
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REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-1-15 — LAB I.D.: 091016-24

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-2-1 — LAB I.D.: 091016-25

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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SAMPLE I.D.: KA-2-1 — LAB I.D.: 091016-25

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-2-5 — LAB I.D.: 091016-26

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

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620 W. 16th Street, Unit #F
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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/16/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-2-5
LAB I.D.: 091016-26

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-2-10
LAB I.D.: 091016-27

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
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DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-2-10 — LAB I.D.: 091016-27

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-2-15 — LAB I.D.: 091016-28

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-2-15 — LAB I.D.: 091016-28

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/16/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-3-1
LAB I.D.: 091016-29

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-3-1 — LAB I.D.: 091016-29

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/16/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-3-6
LAB I.D.: 091016-30

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 10/16/09
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REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-3-6
LAB I.D.: 091016-30

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-4-2.5
LAB I.D.: 091016-31

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

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620 W. 16th Street, Unit #F
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-4-2.5
LAB I.D.: 091016-31

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-4-4.5 — LAB I.D.: 091016-32

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-4-4.5 — LAB I.D.: 091016-32

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-5-5.5 — LAB I.D.: 091016-33

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-5-5.5 — LAB I.D.: 091016-33

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-5-10 — LAB I.D.: 091016-34

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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SAMPLE I.D.: KA-5-10 — LAB I.D.: 091016-34

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/17/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-5-15 — LAB I.D.: 091016-35

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: ARTIC
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SAMPLE I.D.: KA-5-15 — LAB I.D.: 091016-35

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/17/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-6-3
LAB I.D.: 091016-36

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/17/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-6-3
LAB I.D.: 091016-36

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/17/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-6-5 — LAB I.D.: 091016-37

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/17/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-6-5 — LAB I.D.: 091016-37

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/17/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-7-15
LAB I.D.: 091016-38

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/17/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-7-15
LAB I.D.: 091016-38

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/21/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-7-20 — LAB I.D.: 091016-39

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

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620 W. 16th Street, Unit #F
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
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REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-7-20 — LAB I.D.: 091016-39

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/21/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-8-5 — LAB I.D.: 091016-40

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/21/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-8-5
LAB I.D.: 091016-40

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/16/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

METHOD BLANK FOR LAB I.D.: 091016-21 THROUGH -38

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/16/09
DATE REPORTED: 10/23/09

METHOD BLANK FOR LAB I.D.: 091016-21 THROUGH -38

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 10/16-17/2009 **Matrix:** Solid/Soil/Sludge
Machine: C **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 091016-22 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.044	88%	0.046	92%	4%	75-125	0-20
Chlorobenzene	0	0.050	0.053	106%	0.048	96%	10%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.045	90%	0.044	88%	2%	75-125	0-20
Toluene	0	0.050	0.045	90%	0.042	84%	6%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.058	116%	0.050	100%	16%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.050	100%	75-125
Chlorobenzene	0.050	0.050	100%	75-125
Chloroform	0.050	0.045	90%	75-125
1,1-Dichlorothene	0.050	0.049	98%	75-125
Ethylbenzene	0.050	0.051	102%	75-125
o-Xylene	0.050	0.051	102%	75-125
m,p-Xylene	0.100	0.098	98%	75-125
Toluene	0.050	0.052	104%	75-125
1,1,1-Trichloroethane	0.050	0.047	94%	75-125
Trichloroethene (TCE)	0.050	0.049	98%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	091016-19	091012-10	091016-21	091016-22	091016-23	091016-24
Dibromofluoromethane	50.0	70-130	89%	70%	70%	74%	76%	98%	75%
Toluene-d8	50.0	70-130	91%	92%	82%	92%	92%	90%	95%
4-Bromofluorobenzene	50.0	70-130	87%	87%	86%	86%	88%	89%	85%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			091016-25	091016-38	091016-27	091016-28	091016-29	091016-30	091016-31
Dibromofluoromethane	50.0	70-130	81%	74%	79%	79%	77%	74%	78%
Toluene-d8	50.0	70-130	92%	92%	93%	93%	93%	92%	93%
4-Bromofluorobenzene	50.0	70-130	86%	81%	78%	79%	84%	81%	85%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			091016-32	091016-33	091016-34	091016-35	091016-36	091016-37	091016-26
Dibromofluoromethane	50.0	70-130	71%	85%	76%	70%	74%	73%	85%
Toluene-d8	50.0	70-130	89%	93%	92%	94%	93%	95%	89%
4-Bromofluorobenzene	50.0	70-130	73%	88%	87%	80%	84%	82%	86%

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: SVL

Final Reviewer:

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/21/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

METHOD BLANK FOR LAB I.D.: 091016-39, -40

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/21/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

METHOD BLANK FOR LAB I.D.: 091016-39, -40

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 10/21/2009 **Matrix:** Solid/Soil/Sludge
Machine: C **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 091016-39 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.046	92%	0.050	100%	8%	75-125	0-20
Chlorobenzene	0	0.050	0.053	106%	0.053	106%	0%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.047	94%	0.045	90%	4%	75-125	0-20
Toluene	0	0.050	0.046	92%	0.048	96%	4%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.056	112%	0.055	110%	2%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.044	88%	75-125
Chlorobenzene	0.050	0.053	106%	75-125
Chloroform	0.050	0.044	88%	75-125
1,1-Dichlorothene	0.050	0.043	86%	75-125
Ethylbenzene	0.050	0.045	90%	75-125
o-Xylene	0.050	0.049	98%	75-125
m,p-Xylene	0.100	0.092	92%	75-125
Toluene	0.050	0.044	88%	75-125
1,1,1-Trichloroethane	0.050	0.045	90%	75-125
Trichloroethene (TCE)	0.050	0.050	100%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	091020-17	091016-39	091016-40	091020-33	091020-34	091020-35
Dibromofluoromethane	50.0	70-130	105%	70%	91%	90%	90%	88%	88%
Toluene-d8	50.0	70-130	90%	82%	89%	90%	89%	91%	92%
4-Bromofluorobenzene	50.0	70-130	101%	104%	86%	95%	88%	92%	94%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			091020-36	091020-37	091020-42	091020-44	091020-64		
Dibromofluoromethane	50.0	70-130	87%	98%	94%	91%	94%		
Toluene-d8	50.0	70-130	90%	91%	90%	92%	91%		
4-Bromofluorobenzene	50.0	70-130	95%	94%	94%	95%	97%		

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.									
Dibromofluoromethane	50.0	70-130							
Toluene-d8	50.0	70-130							
4-Bromofluorobenzene	50.0	70-130							

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: Sch

Final Reviewer: C

KLEINFELDER
Bright People. Right Solutions.

PROJECT NO.	PROJECT NAME
103567/ENV2	ARTIC

L.P. NO. (PO. NO.):

SAMPLERS: (Signature/Number):

RECEIVING LAB: ENVIRO-CHEM

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO OF CON-TAINERS	TYPE OF CON-TAINERS	ANALYSIS: TPH-ECLP (SOLIDS)	VOCs 8260B (SOLIDS)	VOCs 8260B (WATER)	PCBs (OIL)	PCBs (SOIL)	INSTRUCTIONS/REMARKS
1	10/15/09	9:05	KA-1-1	SOIL	2	JAR/VOA	X	X	X			091016-21
2		9:20	KA-1-5			ACETATE/VOA			X			-22
3		9:30	KA-1-10						X			-23
4		9:35	KA-1-15						X			-24
5		9:40	KA-2-1			JAR/VOA			X			-25
6		9:50	KA-2-5			ACETATE/VOA			X			-26
7		9:55	KA-2-10						X			-27
8		10:00	KA-2-15						X			-28
9		10:45	KA-3-1			JAR/VOA			X	X	X	-29
10		11:55	KA-3-6			ACETATE/VOA			X			-30
11		11:05	KA-4-2.5			JAR/VOA			X			-31
12		14:50	KA-4-4.5			ACETATE/VOA			X			-32
13		11:20	KA-5-5.5									-33
14		11:25	KA-5-10									-34
15		11:35	KA-5-15									-35
16		12:20	KA-6-3						X			-36
17		12:30	KA-6-5						X			-37
18		15:00	KA-7-15									-38
19		15:15	KA-7-20									-39
20		15:25	KA-8-5									-40

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	10/15/09 16:00	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	10/16/09 12:30	
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)

Instructions/Remarks:

STANDARD TAT

Send Results To:

BERT VOGLER
KLEINFELDER
600 W. 16TH ST. STE F
LONG BEACH, CA 90813
Attn:

ENV-02 REV 05/08)

White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

COC № 04550

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: October 23, 2009

Mr. Bert Vogler
Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

Project: **ARTIC**
Project No.: **103567/Env 2**
Lab I.D.: **091016-21 through -40**

Dear Mr. Vogler:

The **analytical results** for the soil samples, received by our lab on October 16, 2009, are attached. The samples were received chilled, intact and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Wang
Laboratory Manager

Eric Lu, Ph.D.
Chief Chemist

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE EXTRACTED: 10/20/09
DATE ANALYZED: 10/20/09
DATE REPORTED: 10/23/09

TOTAL PETROLEUM HYDROCARBONS(TPH) - CARBON CHAIN ANALYSIS
METHOD: EPA 8015B
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C4-C10	C11-C22	C23-C35	DF
KA-1-1	091016-21	ND	ND	ND	1
KA-1-5	091016-22	ND	ND	ND	1
KA-1-10	091016-23	ND	ND	ND	1
KA-1-15	091016-24	ND	ND	ND	1
KA-2-1	091016-25	ND	ND	ND	1
KA-2-5	091016-26	ND	ND	ND	1
KA-2-10	091016-27	ND	ND	ND	1
KA-2-15	091016-28	ND	ND	ND	1
KA-3-1	091016-29	ND	ND	ND	1
KA-3-6	091016-30	ND	ND	ND	1
KA-4-2.5	091016-31	ND	ND	ND	1
KA-4-4.5	091016-32	ND	ND	ND	1
KA-5-5.5	091016-33	ND	ND	ND	1
KA-5-10	091016-34	ND	ND	ND	1
KA-5-15	091016-35	ND	ND	ND	1
KA-6-3	091016-36	ND	ND	ND	1
KA-6-5	091016-37	ND	ND	ND	1
KA-7-15	091016-38	ND	ND	ND	1
KA-7-20	091016-39	ND	15.4*	109^	1
KA-8-5	091016-40	ND	ND	ND	1
METHOD BLANK		ND	ND	ND	1
	PQL	10	10	50	

COMMENTS
C4-C10 = GASOLINE RANGE
C11-C22 = DIESEL RANGE
C23-C35 = MOTOR OIL RANGE
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
^ = PEAKS IN MOTOR OIL RANGE BUT CHROMATOGRAM DOES NOT MATCH THAT OF MOTOR OIL STANDARD
* = PEAKS IN DIESEL RANGE BUT CHROMATOGRAM DOES NOT MATCH THAT OF DIESEL STANDARD
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B Soil/Solid QC

Date Analyzed: 10/20/2009 **Units:** mg/Kg (PPM)

Matrix: **Solid/Sludge**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **091016-40 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C11~C22 Range	0	2500	2775	111%	2740	110%	1%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C11~C22 Range	200	191	96%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	091016-21	091016-22	091016-23	091016-24	091016-25	091016-26	091016-27
O-Terphenyl	60-140%	92%	130%	128%	91%	131%	86%	114%	104%
Octacosane	60-140%	105%	99%	100%	96%	104%	98%	102%	115%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		091016-28	091016-29	091016-30	091016-31	091016-32	091016-33	091016-34	091016-35
O-Terphenyl	60-140%	72%	95%	122%	80%	102%	123%	77%	74%
Octacosane	60-140%	97%	96%	97%	101%	96%	101%	96%	94%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC			
Sample I.D.		091016-36	091016-37	091016-38	091016-39	091016-40			
O-Terphenyl	60-140%	72%	80%	78%	94%	61%			
Octacosane	60-140%	97%	115%	96%	101%	101%			

Analyzed and Reviewed By: 

Final Reviewer: 

** = Surrogate fail due to matrix interference*

Note: *LCS, MS, MSD are in control therefore results are in control.*

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/19/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-1-1**
LAB I.D.: 091016-21

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	56.8	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	0.669	0.5	1	100	1.0	6010B
Chromium Total(Cr)	7.46	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	3.78	1.0	1	8,000	80	6010B
Copper(Cu)	5.61	1.0	1	2,500	25	6010B
Lead(Pb)	22.4	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	4.52	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	26.8	5.0	1	2,400	24	6010B
Zinc(Zn)	22.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/19/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-1-5**
LAB I.D.: 091016-22

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	11.1	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	1.92	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	1.12	1.0	1	8,000	80	6010B
Copper(Cu)	1.82	1.0	1	2,500	25	6010B
Lead(Pb)	5.50	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	7.88	5.0	1	2,400	24	6010B
Zinc(Zn)	6.27	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/19/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-1-10**
LAB I.D.: 091016-23

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	9.52	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	2.14	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	1.14	1.0	1	8,000	80	6010B
Copper(Cu)	1.71	1.0	1	2,500	25	6010B
Lead(Pb)	5.15	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	8.34	5.0	1	2,400	24	6010B
Zinc(Zn)	6.57	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09 — DATE ANALYZED: 10/19/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-1-15** — LAB I.D.: 091016-24

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	24.3	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	2.66	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	1.72	1.0	1	2,500	25	6010B
Lead(Pb)	5.97	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	9.61	5.0	1	2,400	24	6010B
Zinc(Zn)	7.62	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
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*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
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Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/19/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-2-1**
LAB I.D.: 091016-25

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	41.2	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	8.10	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	4.05	1.0	1	8,000	80	6010B
Copper(Cu)	4.29	1.0	1	2,500	25	6010B
Lead(Pb)	16.7	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	3.50	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	27.3	5.0	1	2,400	24	6010B
Zinc(Zn)	21.7	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

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620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/19/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-2-5**
LAB I.D.: 091016-26

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	93.2	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	12.9	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	4.69	1.0	1	8,000	80	6010B
Copper(Cu)	11.1	1.0	1	2,500	25	6010B
Lead(Pb)	33.8	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	6.01	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	49.8	5.0	1	2,400	24	6010B
Zinc(Zn)	30.3	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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** = Additional Analysis required, please call to discuss (if marked)
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-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 10/16/09
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REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-2-10**
LAB I.D.: 091016-27

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	36.8	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	2.81	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	1.60	1.0	1	8,000	80	6010B
Copper(Cu)	2.34	1.0	1	2,500	25	6010B
Lead(Pb)	7.34	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	11.8	5.0	1	2,400	24	6010B
Zinc(Zn)	8.91	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE RECEIVED:10/16/09
DATE SAMPLED:10/15/09
DATE ANALYZED:10/19/09
REPORT TO:Mr. BERT VOGLER
DATE REPORTED:10/23/09

SAMPLE I.D.: **KA-2-15**
LAB I.D.: 091016-28

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	ND	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	0.507	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	1.42	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	1.75	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/19/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-3-1**
LAB I.D.: 091016-29

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	22.1	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	3.47	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	2.10	1.0	1	8,000	80	6010B
Copper(Cu)	3.14	1.0	1	2,500	25	6010B
Lead(Pb)	1.65	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	14.7	5.0	1	2,400	24	6010B
Zinc(Zn)	10.4	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/19/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-3-6**
LAB I.D.: 091016-30

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	44.1	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	4.31	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	1.70	1.0	1	8,000	80	6010B
Copper(Cu)	2.76	1.0	1	2,500	25	6010B
Lead(Pb)	11.5	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	3.42	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	16.0	5.0	1	2,400	24	6010B
Zinc(Zn)	13.2	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/19-21/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-4-2.5**
LAB I.D.: 091016-31

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	25.6	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	0.585	0.5	1	100	1.0	6010B
Chromium Total(Cr)	4.43	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	2.14	1.0	1	8,000	80	6010B
Copper(Cu)	3.96	1.0	1	2,500	25	6010B
Lead(Pb)	10.4	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	2.97	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	17.1	5.0	1	2,400	24	6010B
Zinc(Zn)	16.7	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/19-21/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-4-4.5**
LAB I.D.: 091016-32

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	28.8	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	5.88	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	3.52	1.0	1	8,000	80	6010B
Copper(Cu)	4.50	1.0	1	2,500	25	6010B
Lead(Pb)	12.0	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	3.48	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	20.8	5.0	1	2,400	24	6010B
Zinc(Zn)	22.0	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE RECEIVED:10/16/09
DATE SAMPLED:10/15/09
DATE ANALYZED:10/19-21/09
REPORT TO:Mr. BERT VOGLER
DATE REPORTED:10/23/09

SAMPLE I.D.: **KA-6-3**
LAB I.D.: 091016-36

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	34.9	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	6.53	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	3.64	1.0	1	8,000	80	6010B
Copper(Cu)	5.36	1.0	1	2,500	25	6010B
Lead(Pb)	13.1	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	3.41	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	23.2	5.0	1	2,400	24	6010B
Zinc(Zn)	23.1	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/19-21/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-6-5**
LAB I.D.: 091016-37

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	26.6	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	5.64	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	3.40	1.0	1	8,000	80	6010B
Copper(Cu)	4.43	1.0	1	2,500	25	6010B
Lead(Pb)	11.1	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	3.34	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	19.5	5.0	1	2,400	24	6010B
Zinc(Zn)	21.0	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796
PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/19/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

METHOD BLANK FOR LAB I.D.: 091016-21 THROUGH -30

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	ND	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	ND	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	ND	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
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Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 10/19/2009 Unit : mg/Kg(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Copper (Cu)	091016-30	1.00	86	PASS	2.76	50.0	49.5	93%	49.6	94%	0%
Lead (Pb)	091016-30	1.00	91	PASS	11.5	50.0	62.1	101%	62.0	101%	0%
Zinc (Zn)	091016-30	1.00	92	PASS	13.2	50.0	61.1	96%	61.0	96%	0%

ANALYSIS DATE. : 10/19/2009

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	091019-1	0.125	91.7	PASS	0	0.125	0.110	88%	0.105	84%	5%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Copper (Cu)	PASS	PASS	PASS	PASS
Lead (Pb)	PASS	PASS	PASS	PASS
Zinc (Zn)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/15/09
DATE ANALYZED: 10/19-21/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

METHOD BLANK FOR LAB I.D.: 091016-31, 091016-32, 091016-36, 091016-37

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	ND	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	ND	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	ND	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
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*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 10/21/2009 Unit : mg/Kg(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Copper (Cu)	091016-31	1.00	100	PASS	3.96	50.0	60.0	112%	59.8	112%	0%
Lead (Pb)	091016-31	1.00	103	PASS	10.4	50.0	64.3	108%	64.0	107%	1%
Zinc (Zn)	091016-31	1.00	109	PASS	16.7	50.0	71.5	110%	71.2	109%	1%

ANALYSIS DATE. : 10/19/2009

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	091019-1	0.125	91.7	PASS	0	0.125	0.110	88%	0.105	84%	5%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Copper (Cu)	PASS	PASS	PASS	PASS
Lead (Pb)	PASS	PASS	PASS	PASS
Zinc (Zn)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE SAMPLED:10/15/09
REPORT TO:Mr. BERT VOGLER

DATE RECEIVED:10/16/09
DATE EXTRACTED:10/19/09
DATE ANALYZED:10/20/09
DATE REPORTED:10/23/09

SAMPLE I.D.: **KA-3-1**
LAB I.D.: 091016-29

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE SAMPLED:10/15/09
REPORT TO:Mr. BERT VOGLER

DATE RECEIVED:10/16/09
DATE EXTRACTED:10/19/09
DATE ANALYZED:10/20/09
DATE REPORTED:10/23/09

SAMPLE I.D.: **KA-3-6**
LAB I.D.: 091016-30

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
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DATE ANALYZED: 10/20/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-4-2.5**
LAB I.D.: 091016-31

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

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LABORATORY REPORT

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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE SAMPLED:10/15/09
REPORT TO:Mr. BERT VOGLER

DATE RECEIVED:10/16/09
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DATE ANALYZED:10/20/09
DATE REPORTED:10/23/09

SAMPLE I.D.: **KA-4-4.5**
LAB I.D.: 091016-32

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

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LABORATORY REPORT

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620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE SAMPLED:10/15/09
REPORT TO:Mr. BERT VOGLER

DATE RECEIVED:10/16/09
DATE EXTRACTED:10/19/09
DATE ANALYZED:10/20/09
DATE REPORTED:10/23/09

SAMPLE I.D.: **KA-5-5.5**
LAB I.D.: 091016-33

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
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DATE ANALYZED: 10/20/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-5-10**
LAB I.D.: 091016-34

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE EXTRACTED: 10/19/09
DATE ANALYZED: 10/20/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-5-15**
LAB I.D.: 091016-35

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

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LABORATORY REPORT

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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE SAMPLED:10/15/09
REPORT TO:Mr. BERT VOGLER

DATE RECEIVED:10/16/09
DATE EXTRACTED:10/19/09
DATE ANALYZED:10/20/09
DATE REPORTED:10/23/09

SAMPLE I.D.: **KA-6-3**
LAB I.D.: 091016-36

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE SAMPLED:10/15/09
REPORT TO:Mr. BERT VOGLER

DATE RECEIVED:10/16/09
DATE EXTRACTED:10/19/09
DATE ANALYZED:10/20/09
DATE REPORTED:10/23/09

SAMPLE I.D.: **KA-6-5**
LAB I.D.: 091016-37

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

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LABORATORY REPORT

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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE SAMPLED:10/15/09
REPORT TO:Mr. BERT VOGLER

DATE RECEIVED:10/16/09
DATE EXTRACTED:10/19/09
DATE ANALYZED:10/20/09
DATE REPORTED:10/23/09

SAMPLE I.D.: **KA-7-15**
LAB I.D.: 091016-38

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE SAMPLED:10/15/09
REPORT TO:Mr. BERT VOGLER

DATE RECEIVED:10/16/09
DATE EXTRACTED:10/19/09
DATE ANALYZED:10/20/09
DATE REPORTED:10/23/09

SAMPLE I.D.: **KA-7-20**
LAB I.D.: 091016-39

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE EXTRACTED: 10/19/09
DATE ANALYZED: 10/20/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-8-5**
LAB I.D.: 091016-40

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/15/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE EXTRACTED: 10/19/09
DATE ANALYZED: 10/20/09
DATE REPORTED: 10/23/09

METHOD BLANK FOR LAB I.D.: 091016-29 THROUGH -40

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081 QA/QC Report

Matrix: **Soil/Solid** Date Analyzed: **10/20/2009**

Unit: mg/Kg

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 091016-32 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.0500	0.0504	**101%**	0.0467	**93%**	**8%**	**0-20%**	**70-130**
Aldrin	0.000	0.0500	0.0528	**106%**	0.0486	**97%**	**8%**	**0-20%**	**70-130**
4,4-DDE	0.000	0.0500	0.0492	**98%**	0.0452	**90%**	**8%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.04730	**946%**	**75-125**
Aldrin	0.00500	0.04910	**982%**	**75-125**
4,4-DDE	0.00500	0.04700	**940%**	**75-125**
Dieldrin	0.00500	0.04600	**920%**	**75-125**

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	091016-19	091016-29	091016-30	091016-31	091016-32	091016-33
Tetra-chloro-meta-xylene	50-150	93%	100%	113%	93%	86%	91%	95%
Decachlorobiphenyl	50-150	64%	75%	96%	96%	75%	80%	91%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	091016-34	091016-35	091016-36	091016-37	091016-38	091016-39	091016-40	091019-1
Tetra-chloro-meta-xylene	82%	97%	92%	93%	96%	98%	88%	87%
Decachlorobiphenyl	82%	72%	75%	73%	77%	76%	74%	76%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	091019-2	091019-3	091019-9	091019-10	091019-11	091019-18
Tetra-chloro-meta-xylene	86%	91%	84%	96%	96%	106%
Decachlorobiphenyl	80%	81%	70%	70%	97%	87%

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

** = Surrogate fail due to matrix interference (If Marked)*

Note: *LCS, MS, MSD are in control therefore results are in control.*

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: **Soil/Solid/Sludge** Date Analyzed: 10/20/2009

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 091016-32 MS/MSD

Analyte	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	1.00	1.035	**104%**	1.049	**105%**	**1%**	**0-20%**	**70-130**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.084	**84%**	**75-125**

spk conc = Spike Concentration
%REC = Percent Recovery
ACP %RPD = Acceptable Percent RPD Range
ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: _____

Final Reviewer: _____

KLEINFELDER
Bright People. Right Solutions.

PROJECT NO.	PROJECT NAME
103567/ENV2	ARTIC

L.P. NO. / P.O. NO.:

SAMPLERS: (Signature/Number)

RECEIVING LAB: ENVIRO-CHEM

	DATE MM/DD/YY	SAMPLE I.D. TIME HH:MM:SS	SAMPLE I.D.	MATRIX	NO. OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS: TPH-ECLIP (8015B)	VOCs-8Y (8260B/8235)	METALS (6010/7471)	PCBs (8082)	INSTRUCTIONS/REMARKS
1	10/15/09	9:05	KA-1-1	SOIL	2	JAR/VIA	X	X	X		0910616-21
2		9:20	KA-1-5			ACETATE/VOA			X		-22
3		9:50	KA-1-10			↓			X		-23
4		9:35	KA-1-15			↓			X		-24
5		9:10	KA-2-1			JAR/VOA			X		-25
6		9:50	KA-2-5			ACETATE/VOA			X		-26
7		9:55	KA-2-10			↓			X		-27
8		10:00	KA-2-15			↓			X		-28
9		10:45	KA-3-1			JAR/VOA			X	X	-29
10		11:55	KA-3-6			ACETATE/VOA			X		-30
11		11:05	KA-4-2.5			JAR/VOA			X		-31
12		14:50	KA-4-4.5			ACETATE/VOA			X		-32
13		11:20	KA-5-5.5			↓					-33
14		11:25	KA-5-10								-34
15		11:35	KA-5-15								-35
16		12:20	KA-6-3						X		-36
17		12:30	KA-6-5						X		-37
18		15:00	KA-7-15								-38
19		15:15	KA-7-20								-39
20	↓	15:25	KA-8-5	↓	↓	↓	↓	↓	↓	↓	-40

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	10/15/09 16:00	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	10/16/09 1220	
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)

Instructions/Remarks:

STANDARD TAT

Send Results To:

BERT VOGLER
KLEINFELDER
620 W. 16TH ST. STE F
LONG BEACH, CA 90813
Attn:

ENV-02 REV 05/08)

White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

COC № 04550

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: October 23, 2009

Mr. Bert Vogler
Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

Project: **ARTIC**
Project No.: **103567/Env 2**
Lab I.D.: **091019-1 through -20**

Dear Mr. Vogler:

The **analytical results** for the soil samples, received by our lab on October 16, 2009, are attached. The samples were received chilled, intact and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Andy Wang
Laboratory Manager

Eric Lu, Ph.D.
Chief Chemist

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE EXTRACTED: 10/20/09
DATE ANALYZED: 10/20/09
DATE REPORTED: 10/23/09

TOTAL PETROLEUM HYDROCARBONS (TPH) - CARBON CHAIN ANALYSIS
METHOD: EPA 8015B
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C4-C10	C11-C22	C23-C35	DF
KA-9-2.5	091019-1	ND	ND	ND	1
KA-9-5	091019-2	ND	ND	ND	1
KA-9-10	091019-3	ND	ND	ND	1
KA-10-15	091019-4	ND	ND	ND	1
KA-10-20	091019-5	ND	ND	ND	1
KA-11-15	091019-6	ND	ND	ND	1
KA-12-15	091019-7	ND	ND	ND	1
KA-12-19	091019-8	ND	ND	ND	1
KA-13-5	091019-9	ND	ND	ND	1
KA-13-10	091019-10	ND	ND	ND	1
KA-13-14.5	091019-11	ND	ND	ND	1
KA-14-5	091019-12	ND	ND	ND	1
KA-14-10	091019-13	ND	ND	ND	1
KA-14-13	091019-14	ND	ND	ND	1
KA-15-5	091019-15	ND	ND	ND	1
KA-15-10	091019-16	ND	ND	ND	1
KA-15-15	091019-17	ND	ND	ND	1
KA-16-6.5	091019-18	ND	ND	ND	1
KA-16-10	091019-19	ND	ND	ND	1
KA-16-14	091019-20	ND	ND	ND	1
METHOD BLANK		ND	ND	ND	1
	PQL	10	10	50	

COMMENTS
C4-C10 = GASOLINE RANGE
C11-C22 = DIESEL RANGE
C23-C35 = MOTOR OIL RANGE
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B Soil/Solid QC

Date Analyzed: 10/20/2009 **Units:** mg/Kg (PPM)

Matrix: **Solid/Sludge**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **091019-20 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C11~C22 Range	0	2500	2637	105%	2761	110%	5%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C11~C22 Range	200	227	114%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	091019-1	091019-2	091019-3	091019-4	091019-5	091019-6	091019-7
O-Terphenyl	60-140%	99%	71%	115%	96%	78%	122%	84%	103%
Octacosane	60-140%	93%	111%	84%	91%	87%	90%	81%	78%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		091019-8	091019-9	091019-10	091019-11	091019-12	091019-13	091019-14	091019-15
O-Terphenyl	60-140%	130%	70%	103%	69%	74%	82%	74%	79%
Octacosane	60-140%	105%	84%	81%	105%	78%	83%	81%	83%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC			
Sample I.D.		091019-16	091019-17	091019-18	091019-19	091019-20			
O-Terphenyl	60-140%	72%	76%	77%	78%	64%			
Octacosane	60-140%	74%	83%	108%	79%	81%			

Analyzed and Reviewed By: 

Final Reviewer: 

** = Surrogate fail due to matrix interference*

Note: *LCS, MS, MSD are in control therefore results are in control.*

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/16/09
DATE ANALYZED: 10/22/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

EPA 5035/8260B FOR FUEL OXYGENATES; PAGE 1 OF 2
UNITS: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
KA-9-2.5	091019-1	ND	ND	ND	ND	ND	1
KA-9-10	091019-3	ND	ND	ND	ND	ND	1
KA-10-15	091019-4	ND	ND	ND	ND	ND	1
KA-10-20	091019-5	ND	ND	ND	ND	ND	1
KA-11-15	091019-6	ND	ND	ND	ND	ND	1
KA-12-15	091019-7	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
PQL		0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09

EPA 5035/8260B FOR FUEL OXYGENATES; PAGE 2 OF 2
UNITS: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
KA-9-5	091019-2	ND	ND	ND	ND	ND	1
KA-12-19	091019-8	ND	ND	ND	ND	ND	1
KA-13-5	091019-9	ND	ND	ND	ND	ND	1
KA-13-10	091019-10	ND	ND	ND	ND	ND	1
KA-13-14.5	091019-11	ND	ND	ND	ND	ND	1
KA-14-5	091019-12	ND	ND	ND	ND	ND	1
KA-14-10	091019-13	ND	ND	ND	ND	ND	1
KA-14-13	091019-14	ND	ND	ND	ND	ND	1
KA-15-5	091019-15	ND	ND	ND	ND	ND	1
KA-15-10	091019-16	ND	ND	ND	ND	ND	1
KA-15-15	091019-17	ND	ND	ND	ND	ND	1
KA-16-6.5	091019-18	ND	ND	ND	ND	ND	1
KA-16-10	091019-19	ND	ND	ND	ND	ND	1
KA-16-14	091019-20	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1
PQL		0.01	0.01	0.005	0.01	0.05	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
ETBE = ETHYL tert-BUTYL ETHER DIPE = ISOPROPYL ETHER
MTBE = METHYL tert-BUTYL ETHER TAME = TERT-AMYL METHYL ETHER
TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-9-2.5
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/22/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-1

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-9-2.5
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/22/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-1

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-9-10

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/22/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-3

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-9-10

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/22/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-3

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-10-15

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/22/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-4

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: **KA-10-15**
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/22/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-4

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-10-20

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/22/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-5

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: **KA-10-20**
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/22/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-5

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-11-15

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/22/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-6

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-11-15

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/22/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-6

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-12-15
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/22/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-7

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-12-15
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/22/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-7

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/16/09
DATE ANALYZED: 10/22/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

METHOD BLANK FOR LAB I.D.: 091019-1, -3 THROUGH -7

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro - Chem, Inc.
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METHOD BLANK REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL — DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/16/09 — DATE ANALYZED: 10/22/09
REPORT TO: Mr. BERT VOGLER — DATE REPORTED: 10/23/09

METHOD BLANK FOR LAB I.D.: 091019-1, -3 THROUGH -7

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 10/22/2009 **Matrix:** Solid/Soil/Sludge
Machine: C **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 091019-44 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.049	98%	0.046	92%	6%	75-125	0-20
Chlorobenzene	0	0.050	0.054	108%	0.044	88%	20%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.049	98%	0.042	84%	14%	75-125	0-20
Toluene	0	0.050	0.050	100%	0.048	96%	4%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.049	98%	0.050	100%	2%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.044	88%	75-125
Chlorobenzene	0.050	0.054	108%	75-125
Chloroform	0.050	0.057	114%	75-125
1,1-Dichlorothene	0.050	0.042	84%	75-125
Ethylbenzene	0.050	0.045	90%	75-125
o-Xylene	0.050	0.051	102%	75-125
m,p-Xylene	0.100	0.093	93%	75-125
Toluene	0.050	0.046	92%	75-125
1,1,1-Trichloroethane	0.050	0.042	84%	75-125
Trichloroethene (TCE)	0.050	0.057	114%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	091021-40	091021-41	091021-42	091021-43	091021-44	091019-1
Dibromofluoromethane	50.0	70-130	99%	88%	89%	86%	95%	88%	92%
Toluene-d8	50.0	70-130	88%	90%	90%	89%	89%	87%	87%
4-Bromofluorobenzene	50.0	70-130	95%	98%	93%	97%	92%	79%	90%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			091019-3	091019-4	091019-5	091019-6	091019-7	091021-49	091021-51
Dibromofluoromethane	50.0	70-130	83%	87%	107%	88%	86%	105%	101%
Toluene-d8	50.0	70-130	79%	84%	85%	74%	80%	79%	94%
4-Bromofluorobenzene	50.0	70-130	97%	74%	75%	87%	87%	91%	81%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			091021-60	091021-73					
Dibromofluoromethane	50.0	70-130	97%	84%					
Toluene-d8	50.0	70-130	94%	91%					
4-Bromofluorobenzene	50.0	70-130	85%	91%					

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: SLH

Final Reviewer: CM

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-9-5
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-2

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-9-5
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-2

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-12-19
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-8

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-12-19

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-8

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-13-5
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-9

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-13-5
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-9

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-13-10
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-10

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
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Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: **KA-13-10**
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-10

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-13-14.5

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-11

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-13-14.5
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-11

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-14-5
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-12

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-14-5
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-12

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-14-10
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-13

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: Kleinfelder
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Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-14-10

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-13

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-14-13
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-14

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: **KA-14-13**

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-14

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: **KA-15-5**
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-15

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-15-5
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-15

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-15-10
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-16

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

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620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-15-10

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-16

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: **KA-15-15**
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-17

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: **KA-15-15**
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-17

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-16-6.5
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-18

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-16-6.5
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-18

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
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LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-16-10

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-19

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: **KA-16-10**
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-19

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-16-14

DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-20

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
SAMPLE I.D.: KA-16-14
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/23/09
DATE REPORTED: 10/23/09
LAB I.D.: 091019-20

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/16/09
DATE ANALYZED: 10/23/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

METHOD BLANK FOR LAB I.D.: 091019-2, -8 THROUGH -20

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY:

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/16/09
DATE ANALYZED: 10/23/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

METHOD BLANK FOR LAB I.D.: 091019-2, -8 THROUGH -20

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 10/23/2009 **Matrix:** Solid/Soil/Sludge
Machine: C **Unit:** mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)
Spiked Sample Lab I.D.: 091022-7 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.045	90%	0.056	112%	22%	75-125	0-20
Chlorobenzene	0	0.050	0.053	106%	0.047	94%	12%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.052	104%	0.047	94%	10%	75-125	0-20
Toluene	0	0.050	0.048	96%	0.048	96%	0%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.052	104%	0.049	98%	6%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.051	102%	75-125
Chlorobenzene	0.050	0.045	90%	75-125
Chloroform	0.050	0.052	104%	75-125
1,1-Dichlorothene	0.050	0.042	84%	75-125
Ethylbenzene	0.050	0.053	106%	75-125
o-Xylene	0.050	0.051	102%	75-125
m,p-Xylene	0.100	0.109	109%	75-125
Toluene	0.050	0.052	104%	75-125
1,1,1-Trichloroethane	0.050	0.045	90%	75-125
Trichloroethene (TCE)	0.050	0.054	108%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	091019-2	091019-8	091019-9	091019-10	091019-11	091019-12
Dibromofluoromethane	50.0	70-130	96%	92%	91%	91%	93%	93%	94%
Toluene-d8	50.0	70-130	88%	78%	81%	81%	84%	85%	86%
4-Bromofluorobenzene	50.0	70-130	97%	94%	90%	88%	92%	93%	90%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			091019-13	091019-14	091019-15	091019-16	091019-17	091019-18	091019-19
Dibromofluoromethane	50.0	70-130	95%	84%	91%	88%	95%	96%	98%
Toluene-d8	50.0	70-130	82%	89%	80%	80%	82%	80%	71%
4-Bromofluorobenzene	50.0	70-130	88%	90%	90%	86%	94%	105%	102%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			091019-20	091022-7	091022-10	091022-11	091022-13		
Dibromofluoromethane	50.0	70-130	103%	97%	96%	97%	102%		
Toluene-d8	50.0	70-130	81%	87%	87%	89%	91%		
4-Bromofluorobenzene	50.0	70-130	96%	89%	92%	90%	96%		

** = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.*
S.R. = Sample Results *%RC = Percent Recovery*
spk conc = Spike Concentration *ACP %RC = Accepted Percent Recovery*
MS = Matrix Spike *MSD = Matrix Spike Duplicate*

Analyzed/Reviewed By: Suh

Final Reviewer: CR

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER
DATE RECEIVED: 10/16/09
DATE ANALYZED: 10/19&21/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-9-2.5**
LAB I.D.: 091019-1

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	22.9	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	0.639	0.5	1	100	1.0	6010B
Chromium Total(Cr)	5.17	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	3.02	1.0	1	8,000	80	6010B
Copper(Cu)	5.18	1.0	1	2,500	25	6010B
Lead(Pb)	15.6	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	3.13	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	11.2	5.0	1	2,400	24	6010B
Zinc(Zn)	23.7	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/16/09
DATE ANALYZED: 10/19&21/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-9-5**
LAB I.D.: 091019-2

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	20.0	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	3.90	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	2.50	1.0	1	8,000	80	6010B
Copper(Cu)	3.71	1.0	1	2,500	25	6010B
Lead(Pb)	7.71	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	2.22	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	14.7	5.0	1	2,400	24	6010B
Zinc(Zn)	15.1	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
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STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE RECEIVED: 10/16/09
DATE SAMPLED: 10/16/09
DATE ANALYZED: 10/19&21/09
REPORT TO: Mr. BERT VOGLER
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-9-10**
LAB I.D.: 091019-3

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	31.5	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	8.98	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	2.76	1.0	1	8,000	80	6010B
Copper(Cu)	5.00	1.0	1	2,500	25	6010B
Lead(Pb)	11.6	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	6.86	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	13.3	5.0	1	2,400	24	6010B
Zinc(Zn)	22.7	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796
PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE SAMPLED:10/16/09
REPORT TO:Mr. BERT VOGLER
DATE RECEIVED:10/16/09
DATE ANALYZED:10/19&21/09
DATE REPORTED:10/23/09

METHOD BLANK FOR LAB I.D.: 091019-1, -2, -3

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	ND	0.3	1	500	5.0	6010B
Barium(Ba)	ND	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	ND	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.1	1	500	5.0	7196A
Cobalt(Co)	ND	1.0	1	8,000	80	6010B
Copper(Cu)	ND	1.0	1	2,500	25	6010B
Lead(Pb)	ND	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.01	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	ND	5.0	1	2,400	24	6010B
Zinc(Zn)	ND	0.5	1	5,000	250	6010B

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
* = STLC analysis for the metal is recommended (if marked)
** = Additional Analysis required, please call to discuss (if marked)
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 10/21/2009

Unit : mg/Kg(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Copper (Cu)	091016-31	1.00	100	PASS	3.96	50.0	60 0	112%	59.8	112%	0%
Lead (Pb)	091016-31	1.00	103	PASS	10.4	50.0	64 3	108%	64.0	107%	1%
Zinc (Zn)	091016-31	1.00	109	PASS	16.7	50.0	71.5	110%	71.2	109%	1%

ANALYSIS DATE. : 10/19/2009

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	091019-1	0.125	91.7	PASS	0	0.125	0.110	88%	0.105	84%	5%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Copper (Cu)	PASS	PASS	PASS	PASS
Lead (Pb)	PASS	PASS	PASS	PASS
Zinc (Zn)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE SAMPLED:10/16/09
REPORT TO:Mr. BERT VOGLER

DATE RECEIVED:10/16/09
DATE EXTRACTED:10/19/09
DATE ANALYZED:10/20/09
DATE REPORTED:10/23/09

SAMPLE I.D.: **KA-9-2.5**
LAB I.D.: 091019-1

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE EXTRACTED: 10/19/09
DATE ANALYZED: 10/21/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: KA-9-5
LAB I.D.: 091019-2

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE SAMPLED:10/16/09
REPORT TO:Mr. BERT VOGLER

DATE RECEIVED:10/16/09
DATE EXTRACTED:10/19/09
DATE ANALYZED:10/21/09
DATE REPORTED:10/23/09

SAMPLE I.D.: **KA-9-10**
LAB I.D.: 091019-3

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE EXTRACTED: 10/19/09
DATE ANALYZED: 10/21/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-13-5**
LAB I.D.: 091019-9

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE EXTRACTED: 10/19/09
DATE ANALYZED: 10/21/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-13-10**
LAB I.D.: 091019-10

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE EXTRACTED: 10/19/09
DATE ANALYZED: 10/21/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-13-14.5**
LAB I.D.: 091019-11

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE EXTRACTED: 10/19/09
DATE ANALYZED: 10/21/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-16-6.5**
LAB I.D.: 091019-18

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE EXTRACTED: 10/19/09
DATE ANALYZED: 10/20/09
DATE REPORTED: 10/23/09

METHOD BLANK FOR LAB I.D.: 091019-1, -2, -3, -9, -10, -11, -18

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081 QA/QC Report

Matrix: **Soil/Solid** Date Analyzed: **10/20/2009**

Unit: mg/Kg

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 091016-32 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.0500	0.0504	**101%**	0.0467	**93%**	**8%**	**0-20%**	**70-130**
Aldrin	0.000	0.0500	0.0528	**106%**	0.0486	**97%**	**8%**	**0-20%**	**70-130**
4,4-DDE	0.000	0.0500	0.0492	**98%**	0.0452	**90%**	**8%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.04730	**946%**	**75-125**
Aldrin	0.00500	0.04910	**982%**	**75-125**
4,4-DDE	0.00500	0.04700	**940%**	**75-125**
Dieldrin	0.00500	0.04600	**920%**	**75-125**

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	091016-19	091016-29	091016-30	091016-31	091016-32	091016-33
Tetra-chloro-meta-xylene	50-150	93%	100%	113%	93%	86%	91%	95%
Decachlorobiphenyl	50-150	64%	75%	96%	96%	75%	80%	91%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	091016-34	091016-35	091016-36	091016-37	091016-38	091016-39	091016-40	091019-1
Tetra-chloro-meta-xylene	82%	97%	92%	93%	96%	98%	88%	87%
Decachlorobiphenyl	82%	72%	75%	73%	77%	76%	74%	76%

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.	091019-2	091019-3	091019-9	091019-10	091019-11	091019-18
Tetra-chloro-meta-xylene	86%	91%	84%	96%	96%	106%
Decachlorobiphenyl	80%	81%	70%	70%	97%	87%

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

** = Surrogate fail due to matrix interference (If Marked)*

Note: *LCS, MS, MSD are in control therefore results are in control.*

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: **Soil/Solid/Sludge** Date Analyzed: 10/20/2009

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 091016-32 MS/MSD

Analyte	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	1.00	1.035	**104%**	1.049	**105%**	**1%**	**0-20%**	**70-130**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.084	**84%**	**75-125**

spk conc = Spike Concentration
%REC = Percent Recovery
ACP %RPD = Acceptable Percent RPD Range
ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE EXTRACTED: 10/19/09
DATE ANALYZED: 10/21/09
DATE REPORTED: 10/23/09

SAMPLE I.D.: **KA-16-10**
LAB I.D.: 091019-19

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by: *Lab*
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT **No.: 103567/Env 2**
MATRIX:SOIL
DATE SAMPLED:10/16/09
REPORT TO:Mr. BERT VOGLER

DATE RECEIVED:10/16/09
DATE EXTRACTED:10/19/09
DATE ANALYZED:10/21/09
DATE REPORTED:10/23/09

SAMPLE I.D.: **KA-16-14**
LAB I.D.: 091019-20

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **Kleinfelder**
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: **ARTIC**
PROJECT No.: **103567/Env 2**
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE EXTRACTED: 10/19/09
DATE ANALYZED: 10/21/09
DATE REPORTED: 10/23/09

METHOD BLANK FOR LAB I.D.: 091019-19, -20

Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxyclor	ND	0.001	1
Toxaphene	ND	0.020	1
PCB-1016	ND	0.010	1
PCB-1221	ND	0.010	1
PCB-1232	ND	0.010	1
PCB-1242	ND	0.010	1
PCB-1248	ND	0.010	1
PCB-1254	ND	0.010	1
PCB-1260	ND	0.010	1

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Non detected or below the Actual Detection Limit

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081 QA/QC Report

Matrix **Soil/Solid** Date Analyzed: **10/21/2009**

Unit mg/Kg

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 091019-19 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0 0500	0 0541	**108%**	0.0543	**109%**	**0%**	**0-20%**	**70-130**
Aldrin	0.000	0.0500	0.0533	**107%**	0 0542	**108%**	**2%**	**0-20%**	**70-130**
4,4-DDE	0.000	0.0500	0.0561	**112%**	0 0572	**114%**	**2%**	**0-20%**	**70-130**

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.00502	**100%**	**75-125**
Aldrin	0.00500	0.00497	**99%**	**75-125**
4,4-DDE	0.00500	0.00522	**104%**	**75-125**
Dieldrin	0 00500	0.00519	**104%**	**75-125**

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	091019-19	091019-20				
Tetra-chloro-meta-xylene	50-150	82%	103%	128%				
Decachlorobiphenyl	50-150	63%	74%	76%				

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.								
Tetra-chloro-meta-xylene								
Decachlorobiphenyl								

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
Tetra-chloro-meta-xylene						
Decachlorobiphenyl						

S R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

* = *Surrogate fail due to matrix interference (If Marked)*

Note: ***LCS, MS, MSD are in control therefore results are in control.***

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Kleinfelder
620 W. 16th Street, Unit #F
Long Beach, CA 90813
Tel(562)432-1696 Fax(562)432-1796

PROJECT: ARTIC
PROJECT No.: 103567/Env 2
MATRIX: SOIL
DATE SAMPLED: 10/16/09
REPORT TO: Mr. BERT VOGLER

DATE RECEIVED: 10/16/09
DATE EXTRACTED: 10/19/09
DATE ANALYZED: 10/21/09
DATE REPORTED: 10/23/09

PCBs ANALYSIS
METHOD: EPA 8082
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	TOTAL PCBs*	DF
KA-14-5	091019-12	ND	ND	ND	ND	ND	ND	ND	ND	1
KA-14-10	091019-13	ND	ND	ND	ND	ND	ND	ND	ND	1
KA-14-13	091019-14	ND	ND	ND	ND	ND	ND	ND	ND	1
KA-15-5	091019-15	ND	ND	ND	ND	ND	ND	ND	ND	1
KA-15-10	091019-16	ND	ND	ND	ND	ND	ND	ND	ND	1
KA-15-15	091019-17	ND	ND	ND	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
	PQL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	

COMMENTS
DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = DF X PQL
ND = Non-Detected Or Below the Actual Detection Limit
* = Sum of the PCB 1016, 1221, 1232, 1242, 1248, 1254 and 1260
*** = The concentration exceeds the TTLC Limit of 50, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: **Soil/Solid/Sludge** Date Analyzed: **10/21/2009**

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 091019-12 MS/MSD

Analyte	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	1.00	1.065	**107%**	1.021	**102%**	**4%**	**0-20%**	**70-130**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.080	**80%**	**75-125**

spk conc = Spike Concentration
%REC = Percent Recovery
ACP %RPD = Acceptable Percent RPD Range
ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: _____

Final Reviewer: _____

KLEINFELDER
Bright People. Right Solutions.

PROJECT NO.	PROJECT NAME	NO OF CONTAINERS	TYPE OF CONTAINERS	ANALYSIS: TPH-GRO (8015B)	VOCs (8260B)	METALS (6010B/7471)	CLEG (8081)	PCBs (8082)	RECEIVING LAB: ENVIROCHEM
103567/ENV2	ARTIC								
L.P. NO. (PO. NO.)	SAMPLERS: (Signature/Number)								INSTRUCTIONS/REMARKS

	DATE MM/DD/YY	SAMPLE I.D. TIME HH-MM-SS	SAMPLE I.D.	MATRIX	NO OF CONTAINERS	TYPE OF CONTAINERS	TPH-GRO (8015B)	VOCs (8260B)	METALS (6010B/7471)	CLEG (8081)	PCBs (8082)	INSTRUCTIONS/REMARKS
1	10/16/09	7:30	KA-9-2.5	SOIL	2	4oz/VOA	X	X	X	X	X	091019-1
2		7:40	KA-9-5			100ml/VOA			X	X	X	-2
3		7:45	KA-9-10						X	X	X	-3
4		9:00	KA-10-15									-4
5		9:10	KA-10-20									-5
6		9:15	KA-11-15									-6
7		9:50	KA-12-15									-7
8		10:00	KA-12-19									-8
9		12:45	KA-13-5							X	X	-9
10		13:05	KA-13-10							X	X	-10
11		13:10	KA-13-14.5							X	X	-11
12		12:50	KA-14-5								X	-12
13		13:00	KA-14-10								X	-13
14		13:15	KA-14-13								X	-14
15		14:00	KA-15-5								X	-15
16		14:05	KA-15-10								X	-16
17		14:15	KA-15-15								X	-17
18		15:15	KA-16-6.5							X	X	-18
19		15:20	KA-16-10							X	X	-19
20		15:25	KA-16-14							X	X	-20

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	10/16/09 15:55	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	10/19/09 8:20	
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)

Instructions/Remarks:
STANDARD TAT

Send Results To:
KLEINFELDER
620 W. 16TH ST., STE. F
LONG BEACH, CA 90813
Attn: BERT ROGER

ENV-02 REV 05/08)

White – Sampler Canary – Return Copy To Shipper Pink – Lab Copy

CHAIN OF CUSTODY

COC № 04552