



**HAZARDOUS SUBSTANCES
PHASE II ENVIRONMENTAL
SITE ASSESSMENT FOR
MOAPA BAND OF PAIUTES PACKING PLANT
MOAPA RIVER RESERVATION
CLARK COUNTY, NEVADA
FILE: 126687.01**

June 27, 2012

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Hazardous Substances Phase II Environmental Site Assessment
Moapa Band of Paiutes Packing Plant
Moapa River Reservation
Clark County, Nevada

Kleinfelder Project No. 126687.01

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1 INTRODUCTION

1.1 BACKGROUND

This report presents the results of our hazardous substances Phase II Environmental Site Assessment (Phase II ESA) for the Packing Plant (site) at the Moapa Paiute Farm, in Clark County, Nevada. The approximate location of the site is shown on Plate 1. This Phase II ESA was conducted concurrently with a Phase I ESA for the site (Kleinfelder 2012a). The scope of work and methodology used for this Phase II ESA was completed in general accordance with our Field Sampling Plan (FSP) for the site (Kleinfelder 2012b), as approved by the Nevada Division of Environmental Protection (NDEP).

The Packing Plant building is owned by the Moapa Band of Paiutes (Tribe) and was built in approximately 1980. Over time, the Packing Plant has fallen into disrepair. The Tribe hopes to renovate the building, but several Tribal members have expressed concern regarding the facility's deterioration, and potential presence of hazardous constituents, such as asbestos-containing material (ACM) and lead paint (LP). There is concern that these materials may pose a health concern to construction workers hired to renovate or remove the facilities. The Tribe is seeking assistance to evaluate the potential presence of ACM and LP within the Packing Plant. In addition to the ACM and LP, soil and groundwater sampling was also conducted as part of this Phase II ESA. The soil sampling activities were conducted due to an observation of two drums and soil staining reported in a Phase I ESA for the adjacent large greenhouses (Kleinfelder 2012c).

Kleinfelder was requested by NDEP to conduct the following tasks for the Packing Plant.

- Evaluate the locations, condition, and quantity of ACM with asbestos content greater than 1 percent (%) and LP that might present a worker safety hazard and/or might require special handling and waste disposal as part of future planned renovation.

- Collect soil samples at two drum locations to assess for possible soil contamination; and
- Collect a grab groundwater sample from a shallow water supply well that is currently used by the Moapa Farm.

Note that Kleinfelder's survey was limited to asbestos and lead paint and did not include other hazardous building material surveys for other potential environmental or health and safety concerns. The areas of investigation are shown on Plate 2.

The following Sections outline Kleinfelder's scope of work. Section 1 of this report provides a general project background, a summary of the survey results and recommendations. Section 2 presents the survey methods. Section 3 presents an overview of applicable regulations. Section 4 presents the asbestos survey and findings. Section 5 presents the LP survey and findings. Section 6 presents the soil sampling findings. Section 7 provides the shallow groundwater sampling findings. Section 8 discusses quality control for field sampling activities and laboratory analytical reports. Section 9 provides recommendations. Sections 10 and 11 provide the limitations and references associated with our work.

1.2 SUMMARY OF SURVEY RESULTS

Asbestos Survey

Kleinfelder conducted an asbestos survey of the safely accessible and viewable areas of the Packing Plant. The bulk asbestos samples were submitted to a National Voluntary Laboratory Accreditation Program (NVLAP) and American Industrial Hygiene Association (AIHA) certified laboratory for Polarized Light Microscopy (PLM) analysis and/or Quantitative Transmission Electron Microscopy (TEM). The laboratory report indicates asbestos was not present in the samples collected. Therefore, no asbestos abatement is necessary. The asbestos survey results are further discussed in Section 4.

Lead Paint Survey

Kleinfelder conducted a LP survey to observe and collect samples of suspect LP and coatings observed on building components within the Packing Plant. Samples were collected of the white painted exterior (steel substrate), the gray painted interior (steel substrate), the red-brown painted interior (steel frame and column supports), and the white painted interior (steel substrate). The analytical results for the paint chip samples collected were less than 0.5 % lead by weight [equivalent to 1.0 milligrams per square centimeter (mg/cm²)]. Therefore, no abatement for lead is anticipated prior to renovation. However, because lead was reported above the laboratory reporting limit in the samples, the results of the LP survey should be provided to contractors and subcontractors performing work at the site so that they can determine the Occupational Safety and Health Administration (OSHA) Class category (I, II, or III) for work activities. The LP survey results are further discussed in Section 5.

Drum Area Shallow Soil Sampling

Kleinfelder collected two shallow soil samples, at an approximate depth of 6-inches below ground surface (bgs), from the soil adjacent to two unlabeled drums located to the north of the Packing Plant. Each soil sample was analyzed for the following:

- Total Petroleum Hydrocarbons [gasoline range organics (TPH-GRO), diesel range organics (TPH-DRO) and oil range organics (TPH-ORO)], by EPA Method SW8015B
- Volatile organic compounds (VOCs) by EPA Method SW8260B
- Semi-volatile organic compounds (SVOCs) by EPA Method SW8270C
- Polychlorinated Biphenyls (PCBs) by EPA Method SW8082
- Resource Conservation and Recovery Act (RCRA) 8 metals by EPA Method 6020

Review of the analytical report indicated the presence of TPH-ORO at a concentration of 6,500 milligrams per kilogram (mg/kg) for the sample collected from soil beneath the drum with the penetration. TPH was not detected above laboratory reporting limits in the second soil sample. No VOCs, SVOCs, or PCBs were reported in either sample. The total metals reported present were arsenic (5.9 mg/Kg and 4.7 mg/kg), barium (120

and 66 mg/kg), cadmium (0.59 mg/Kg and 0.85 mg/kg), chromium (7.1 mg/Kg and 7.9 mg/kg), and lead (7.1 mg/kg and 14 mg/kg). Arsenic is the only metal detected at a concentration exceeding the NDEP Reportable Concentration. However, these concentrations are likely representative of background conditions.

The TPH-ORO concentration (6,500 mg/kg) in soil exceeds the NDEP action level for petroleum-impacted soil of 100 mg/kg [Nevada Administrative Code (NAC) 445A.345 to 445A.348]. However, although the vertical extent of was not defined, based on the apparent visual extent, the volume of impacted soil does not appear to exceed three cubic yards (the NDEP minimum reportable volume). The drum area sampling results are further discussed in Section 6.

Kleinfelder also attempted to re-locate an area where approximately ten 55-gallon drums had previously been observed to the north of the Packing Plant. The scope of work outlined in the FSP included soil sample collection at this area. The drums were no longer present and the location where they were previously noted could not be established. A search of the general vicinity revealed no stained soil. Therefore, no soil samples were collected in this area.

Groundwater Sampling

Kleinfelder collected a groundwater sample from the on-site well being used for watering native plant seedlings. The well is located west of the Packing Plant, just north of the small greenhouse. The groundwater sample was analyzed for the following:

- TPH-GRO, TPH-DRO, and TPH-ORO by EPA Method SW8015B
- VOCs by EPA Method SW8260B
- RCRA 8 metals by EPA Method 6020
- Herbicides by EPA Method 3550/8150
- Pesticides by EPA Method 3550/8140

Review of the analytical report indicated the presence of the metal barium at a concentration of 0.011 milligrams per liter (mg/L), which is below the NDEP Reportable Concentration. None of the other RCRA 8 metals (arsenic, cadmium, chromium, mercury, lead, selenium or silver) were detected above the analytical reporting limit. No



TPH, VOCs, herbicides, or pesticides were reported. The groundwater sampling results are further discussed in Section 7.

2 PACKING PLANT SURVEY METHODOLOGY

2.1 ASBESTOS SURVEY METHODOLOGY

On May 17, 2012, an asbestos survey was conducted of the Packing Plant. The survey was performed by a State of Nevada Licensed Asbestos Abatement Consultant accredited under the Asbestos Hazards Emergency Response Act (AHERA). The purpose of this survey was to evaluate the locations, condition and quantity of ACM with asbestos content greater than 1%, which may present a worker safety hazard and/or might require special handling and waste disposal as part of the planned demolition.

Mr. Daniel Burns, Nevada Asbestos Consultant-Inspector (I-0971) performed the surveys. Samples were submitted to Fiberquant Analytical Services (Fiberquant) located in Phoenix, Arizona. Fiberquant is certified under the United States Environmental Protection Agency's National Voluntary Laboratory Accreditation Program (NVLAP).

2.2 LEAD PAINT SURVEY METHODOLOGY

On May 17, 2012, Kleinfelder personnel conducted a visual survey and collected paint chip samples of suspected LP on painted building components and/or coatings. Damaged paint appears as cracked, chipped and/or peeling away from the substrate as a result of moisture, wear, heat and/or age. Materials that did not exhibit these conditions were recorded as intact. Suspect LP and/or coatings were sampled, regardless of noted condition. Performance of this survey provides the contractor with information for compliance with the OSHA construction regulations under CFR 1926.62, which require an employer to identify potential lead hazards for workers and meet requirements of the standard.

Mr. Daniel Burns, a USEPA Region 9 Tribal Lands Certified Lead Paint Inspector/Risk Assessor (T9-R-11723-1) performed the survey. One sample was collected from each color of paint (excluding graffiti) and from building materials (such as ceramic, concrete,

clay, stone, tile, block, and grout material) that have the potential to generate lead dust during the planned renovation activities.

Samples were submitted to Fiberquant for analysis using Flame Atomic Adsorption Spectroscopy (Flame AA) in accordance with the U.S. Environmental Protection Agency (EPA) Standard Operating Procedures for Lead in Paint by Atomic Adsorption Spectroscopy (AAS). Fiberquant is accredited under the American Industrial Hygiene Association (AIHA) Environmental Lead Laboratory Accreditation Program (ELLAP), which is an approved lead laboratory accreditation program under the EPA National Lead Laboratory Accreditation Program (NLLAP).

2.3 PHYSICAL LIMITATIONS

No attempt was made move equipment, furnishings or to uncover or observe below-ground systems or equipment. Areas that were not considered safely accessible were not evaluated. Of note, Kleinfelder could not safely access the roof of the Packing Plant. There remains the possibility that additional ACMs (e.g., in underground asbestos-containing cement pipes and/or ACM-wrapped utility pipes), or other hazardous materials may be encountered during future building renovation, demolition and/or below grade excavation activities. If suspect hazardous materials, which have not been observed/reported as part of this survey, are encountered, they should be assumed to be hazardous until an appropriate assessment of the material confirms whether special handling and/or disposal are necessary.

During the asbestos and LP surveys, Kleinfelder observed equipment within the structure, which may contain other hazardous materials, such as Universal Wastes, polychlorinated biphenyls (PCBs), mercury, and chlorofluorocarbon (CFC) refrigerants (non-utility owned). Since the scope or work did not include a universal waste/other hazardous materials survey, Kleinfelder did not survey, inspect, catalog, or quantify the equipment.

3 REGULATORY OVERVIEW

3.1 REGULATORY OVERVIEW FOR ASBESTOS

Regulatory oversight for the management, removal, and disposal of ACMs is provided by a variety of Federal, State, and local agencies. On federal and tribal lands, enforcement of the asbestos National Emission Standard for Hazardous Air Pollutants (NESHAP) regulation 40 CFR Part 61, Subpart M is overseen by Mr. Bob Trotter, the EPA Region 9 NESHAP coordinator, located in San Francisco, California.

The three primary regulations enforced by regulatory agencies that govern various activities (e.g., inspection, assessment, abatement, etc.) relating to ACMs include the following: Asbestos Hazard Emergency Response Act (AHERA), National Emission Standards for Hazardous Air Pollutants (NESHAP), and the Asbestos Construction Safety Standard (as codified in Federal OSHA and Nevada OSHA regulations). EPA regulations concerning the identification, handling, management, and abatement of ACMs (as found in the AHERA and NESHAP) are implemented locally by the Clark County Department of Air Quality and Environmental Management Division (CCDAQEM) and the State of Nevada Department of Business and Industry – Asbestos Control Program (NDBIACP). Both Federal OSHA and Nevada OSHA regulate asbestos as a worker health and safety issue. The Federal OSHA, EPA, and CCDAQEM define ACMs as materials containing greater than one-percent asbestos.

The following is a brief description of the three major regulations relating to ACMs.

AHERA

AHERA (40 CFR part 763), as implemented by the EPA, primarily pertains to the assessment and management of ACMs in Kindergarten (K) through 12th grade non-profit schools. However, many of the procedures, training requirements, and certifications defined by AHERA have become the industry standard for all other facilities.

NESHAP

NESHAP (40 CFR Part 61) is an asbestos standard that protects the general public from asbestos exposure due to renovation or demolition activities. NESHAP requires surveying for suspect materials (as defined above), notifying of intent to renovate or demolish, removal of regulated ACM (RACM) prior to renovation or demolition, and proper management of asbestos-containing wastes. A RACM is defined by NESHAP as follows:

- Any friable ACM;
- A Category I non-friable ACM (such as floor tiles and asphalt roofing products) that has become friable or will be subject to sanding, grinding, cutting, or abrading during renovation or demolition activities; or
- A Category II non-friable ACM (all other non-friable ACMs) that has a high probability of becoming friable during demolition or renovation activities.

NESHAP requires that demolition activities be conducted with no visible emissions using wet methods. It should be noted that while NESHAP regulates renovation and demolition activities, it does not protect individual workers conducting asbestos abatement or provide instructions for how asbestos abatement projects should be conducted.

Asbestos Standard for the Construction Industry

The Asbestos Standard for the Construction Industry (Federal OSHA, 29 CFR 1926.1101) regulates asbestos exposure in the work place. This includes both persons working in a building containing ACMs and asbestos abatement workers/contractors. For abatement workers and contractors, the Asbestos Standard for Construction (Construction Standard) regulates the following:

- Protection of workers and the public during the removal
- Medical surveillance requirements for workers
- Detailed requirements for how asbestos is to be removed
- Training requirements for abatement personnel

As previously noted, building materials containing greater than one percent asbestos are considered ACMs, and should be managed accordingly. Friable ACMs (RACMs) are regulated as Class I asbestos work and subject to the State of Nevada licensing regulations. The NESHAP regulations mandate the removal of RACMs prior to building demolition or renovation and also Category I or II non-friable materials that may become friable. In addition, any disturbance of a RACM caused by renovation or demolition activities, whether it is removing or replacing interior building components, repairing building components, or painting a friable asbestos-containing surface, is also governed by NESHAP regulations.

3.2 REGULATORY OVERVIEW FOR LEAD PAINT

The USEPA and US Department of Housing and Urban Development (HUD) define lead-based paints (LBPs) as paints containing greater than 1.0 mg/cm² lead, or 0.5 percent lead by weight (% by weight), which is equivalent to 5,000 milligrams per kilogram (mg/kg) and 5,000 parts per million (ppm). Federal OSHA and Nevada OSHA regulations (Lead Construction Standard) do not provide a definition for LBP, but refer to the US EPA and HUD values discussed above. Nevada OSHA is primarily concerned with worker protection, and regulates any amount of lead contained within painted building components. Paint containing lead at a concentration less than 0.5 % by weight is referred to as LP.

There are two OSHA lead standards. The OSHA Construction Lead Standard (29 CFR 1926.62) applies to new construction or renovation, demolition or salvage, installation of products that contain lead, and maintenance activities. The General Industry Standard (29 CFR 1910.1025) applies to non-construction activities.

The permissible exposure limit (PEL) for lead is 50 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) of air averaged over an 8-hour time period. In addition to the PEL, there is also an action level of 30 $\mu\text{g}/\text{m}^3$ of air averaged over an 8-hour time period. Employees who work in an area at or above the action level must receive medical surveillance and training on the hazards of working with lead. Therefore, demolition activities that include materials coated with lead paint in any concentration could, under certain circumstances, trigger Federal OSHA and Nevada OSHA regulations. Determination of

airborne lead concentrations would require air monitoring by a trained lead professional during building material disturbance.

Results of the LP survey should be provided to contractors and subcontractors performing work that may disturb lead-containing components that could generate airborne lead concentrations, so that they can determine the OSHA Class category (I, II, or III) they need to plan for. The OSHA Classes are defined as follows:

Class I assumes exposure over the PEL ($50 \mu\text{g}/\text{m}^3$). Class I tasks include manual scraping or sanding, using a heat gun, and spray painting with lead paint.

Class II assumes exposure is at least ten times the PEL ($500 \mu\text{g}/\text{m}^3$). Class II tasks include using lead containing mortar, burning lead, rivet busting, power tool cleaning without dust collection systems, and removal of an abrasive blasting enclosure.

Class III assumes exposure is at least fifty times the PEL ($2,500 \mu\text{g}/\text{m}^3$). Class III tasks include abrasive blasting, cutting, welding, and torch burning.

4 ASBESTOS SURVEY

4.1 BUILDING DESCRIPTION

The Packing Plant building is a steel-framed structure, approximately 20,170 square feet in size. The exterior was painted corrugated steel siding, affixed to painted steel beams. The interior of the building consisted of rolled insulation with a white fabric cover for wall covering, with some of the insulation covered with painted corrugated steel siding. The cooler rooms were foam insulated metal sheeting. Flooring materials consisted of concrete. Roofing materials consisted of corrugated steel panels affixed to steel beams. The roof was not safely accessible to assess whether roof mastic and/or caulking were present at nail fasteners and along roof panel seams. Where present, the paper backed insulation; some covered with sheet metal, was observed on the boiler piping.

4.2 ASBESTOS SURVEY RESULTS

Kleinfelder collected a total of fifteen (15) bulk samples of suspect ACMs during the asbestos survey of the Packing Plant, using methods outlined in the FSP (Kleinfelder, 2012b). Based on review of the laboratory analytical reports, no ACM was reported.

A summary of the asbestos survey analytical results for the Packing Plant is provided in Table 1. The asbestos sample location map is provided as Plate 3. Copies of the asbestos analytical laboratory report and chain-of-custody forms are provided as Appendix A.

5 LEAD PAINT SURVEY

Kleinfelder conducted a LP survey to observe and collect samples of suspect LP and coatings observed on building components within the Packing Plant. Kleinfelder collected a total of four paint chip samples (LBP-01 through LBP-04) during the lead survey of the Packing Plant, using methods outlined in the FSP (Kleinfelder. 2012b). Samples were collected of the white painted exterior (steel substrate), the gray painted interior (steel substrate), the red-brown painted interior (steel frame and column supports), and the white painted interior (steel substrate).

A summary of the lead survey analytical results for the Packing Plant is provided in Table 2. The lead sample location map is provided as Plate 4. Copies of the lead analytical laboratory report and chain-of-custody form are provided as Appendix B.

The analytical results for the paint chip samples collected were less than 0.5 % by weight (equivalent to 1.0 mg/cm² or 5,000 ppm). Therefore, no abatement for lead is anticipated to be required prior to renovation. However, because lead was reported above the laboratory reporting limit in the samples, the results of the LP survey should be provided to contractors and subcontractors performing work at the site so that they can evaluate the OSHA Class category (I, II, or III) they need to plan for.

6 SOIL SAMPLING

Kleinfelder collected soil samples from the soil adjacent to two unlabeled drums located approximately 240 feet north of the northeast corner of the Packing Plant. The approximate locations of these drums are shown on Plate 2. A south facing penetration was observed at the base of the eastern drum. Stained soil was observed beneath the penetration.

Two (2) soil samples were collected to assess for possible soil contamination at the observed drum area. Each soil sample was collected from a depth of approximately 6-inches bgs. One soil sample was collected at the observed drum penetration location. The second soil sample was collected on the opposite side at the base the penetrated drum.

Each soil sample was collected with a stainless steel hand trowel and placed into laboratory-supplied, 8-ounce glass jars with Teflon-lined lids. The sample jars were labeled with the sample identification information and placed in a secured chilled ice chest. Standard chain-of-custody procedures were used during sampling and transportation of the samples to the laboratory. The sampling equipment (i.e., stainless steel trowel) was washed with a solution of Liquinox® (or comparable) detergent and double-rinsed with distilled water prior to each use.

Soil samples were submitted to Veritas Laboratories in Las Vegas, Nevada, for the following analyses:

- TPH-GRO, TPH-DRO, and TPH-ORO by EPA Method SW8015B
- VOCs by EPA Method SW8260B
- SVOCs by EPA Method SW8270C
- PCBs by EPA Method SW8082
- RCRA 8 metals by EPA Method 6020

Quality control (QC) samples were also collected along with the drum soil samples. The QC samples consisted of:

- A trip blank provided by the laboratory consisted of three 40-milliliter (ml) volatile organic analysis (VOA) vials filled with purged deionized water. These were included with the soil samples and analyzed for VOCs by EPA Method SW8260B.
- One rinseate blank was collected in the field the same day and the soil samples were collected. The rinseate blank (labeled as "Drum Rinseate") was collected by passing laboratory-supplied deionized water over the decontaminated sampling equipment and collecting the water in sample containers provided by the laboratory. The rinseate blank was submitted to Veritas and analyzed for the same suite of analyses as the soil samples.

6.1 DRUM AREA SOIL SAMPLING RESULTS

Review of the analytical report indicated the presence of TPH-ORO at a concentration of 6,500 mg/kg for the sample collected from soil beneath the drum penetration. This is above the NDEP Reportable Concentration of 100 mg/kg. However, although the vertical extent of was not defined, based on the apparent visual extent, the volume of impacted soil does not appear to exceed three cubic yards (the NDEP minimum reportable volume).

Total TPH was not detected above the reporting limit in the second soil sample. No VOCs, SVOCs, or PCBs were reported in either sample. The total metals reported present were arsenic (5.9 mg/kg and 4.7 mg/kg), barium (120 mg/kg and 66 mg/kg), cadmium (0.59 mg/Kg and 0.85 mg/kg), chromium (7.1 mg/kg and 7.9 mg/kg), and lead (7.1 mg/kg and 14 mg/kg). Analytes were not detected above reporting limits in the rinseate and trip blank samples.

Arsenic was the only reported metal with concentrations exceeding the NDEP Reportable Concentration. However, the reported concentrations (5.9 mg/kg and 4.7 mg/kg) are likely representative of background conditions. A map depicting arsenic concentrations in stream sediments and soil for northern Nevada (Yager and Folger, 2003) shows a median arsenic concentration for their reviewed data of 5.74 mg/kg. Although there are no site specific data for background arsenic at the site, the detected concentrations are similar to established average background concentrations elsewhere in Nevada.



A summary of the drum area soil sample analytical results for the Packing Plant is provided in Table 3. Copies of the soil sample analytical laboratory report and chain-of-custody forms are provided as Appendix C.

Kleinfelder also attempted to locate an area where approximately ten 55-gallon drums had previously been observed to the north of the Packing Plant. The scope of work outlined in the FSP included soil sample collection at this area. However, these drums were no longer present, and the locations where they were previously noted could not be established. A search of the general vicinity revealed no stained soil. Therefore, no soil samples were collected in this area.

7 SHALLOW GROUNDWATER SAMPLING

Kleinfelder collected ground water samples from the shallow groundwater well, located to the west of the Packing Plant and to the north of the small green house (Plate 2). The sample was collected from the end of the attached garden hose used to water native plant seedlings temporarily stored in and around the Packing Plant. Prior to collecting the samples, the water was allowed to discharge for approximately 5-minutes.

The groundwater samples were placed directly into laboratory-supplied containers. Each container was labeled with the sample identification information and placed in a secured, chilled ice chest. Standard chain-of-custody procedures were used during sampling and transportation of the samples to the laboratory.

The groundwater samples were submitted to Veritas Laboratories in Las Vegas, Nevada, for the following analyses:

- TPH-GRO, TPH-DRO, and TPH-ORO by EPA Method SW8015B
- VOCs by EPA Method SW8260B
- RCRA 8 metals by EPA Method 6020
- Herbicides by EPA Method 3550/8150
- Pesticides by EPA Method 3550\8140

A laboratory-supplied trip blank, consisting of three 40-milliliter (ml) volatile organic analysis (VOA) vials, were filled with purged, deionized water. These were included with the groundwater samples and analyzed for VOCs by EPA Method SW8260B.

7.1 GROUNDWATER SAMPLING RESULTS

Review of the analytical report indicated the presence of the metal barium at a concentration of 0.011 mg/L, which is below the NDEP Reportable Concentration. None of the other RCRA 8 metals (arsenic, cadmium, chromium, mercury, lead, selenium or silver) were reported present. No TPH, VOC, herbicides, or pesticides were reported present. No VOCs were reported in the trip blank.



A summary of Kleinfelder's groundwater sample analytical results for the Packing Plant is provided in Table 4. Copies of the soil sample analytical laboratory report and chain-of-custody forms are provided as Appendix D.

8 QUALITY CONTROL

8.1 FIELD QUALITY CONTROL

One equipment rinseate sample ("Drum Rinseate") was collected from soil sampling equipment. This rinseate sample was analyzed for the same analytes as the soil samples. As shown on Table 3, concentrations were below the laboratory reporting limits for all analytes.

One trip blank, provided by Veritas, was stored within the same cooler as the soil samples, and another trip blank was stored with the shallow groundwater sample. These trip blank samples were analyzed for VOCs by EPA Method SW8260B. Analytes for these trip blanks were below their respective laboratory reporting limits, and results are shown in Appendices C and D.

8.2 LABORATORY QUALITY CONTROL

Kleinfelder reviewed the laboratory reports provided by Fiberquant (Appendices A and B) and Veritas (Appendices C and D). No quality control concerns were noted in the Fiberquant analytical reports.

For the soil sample analytical report (Appendix C), quality control discrepancies are noted in the Case Narrative (pages 2 and 3). The discrepancies noted consist mostly of matrix spike and matrix spike duplicate (MS/MSD) relative percent difference (RPD) being outside of laboratory control limits, and surrogate recoveries being outside laboratory control limits for certain analytes. In most cases, the analytical batch was still validated using the Laboratory Control Sample (LCS).

For the groundwater sample analytical report (Appendix D), the MS/MSD RPD for TPH was outside laboratory control limits, but the analytical batch was validated by the LCS. For VOCs, the LCS and MS were outside the laboratory control limits for some analytes, but the MSD recovery was acceptable for all analytes.



Kleinfelder discussed all of the noted discrepancies identified in the laboratory analytical report case narrative with the laboratory manager at Veritas. According to the laboratory manager, none of the discrepancies have a significant effect on the usability of the data.

9 CONCLUSIONS AND RECOMMENDATIONS

9.1 ASBESTOS

The analytical laboratory report indicates no asbestos was present in the bulk samples collected. Therefore, no abatement of the Packing Plant building materials is required.

9.2 LEAD-BASED PAINT

The concentrations reported by the analytical laboratory for the samples collected do not exceed the USEPA action level. Therefore, no abatement of lead-containing materials is expected to be required prior to renovation of the building.

However, lead was detected at concentrations below 0.5 %; therefore, the results of the lead survey should be provided to contractors and subcontractors performing work at the site. Both Federal and Nevada OSHA are primarily concerned with worker protection, and regulate any amount of lead contained within painted building components. Therefore, workers that may disturb lead-containing components that could generate airborne lead concentrations should determine the OSHA Class category (I, II, or III) they need to plan for. The OSHA Classes are defined as follows.

Class I assumes exposure over the PEL [50 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)]. Class I tasks include manual scraping or sanding, using a heat gun, and spray painting with lead paint.

Class II assumes exposure is at least ten times the PEL (500 $\mu\text{g}/\text{m}^3$). Class II tasks include using lead containing mortar, burning lead, rivet busting, power tool cleaning without dust collection systems, and removal of an abrasive blasting enclosure.

Class III assumes exposure is at least fifty times the PEL (2,500 $\mu\text{g}/\text{m}^3$). Class III tasks include abrasive blasting, cutting, welding, and torch burning.

9.3 DRUM AREA

Removal and properly documented disposal of the drums is recommended. The discovery of 6,500 mg/kg TPH-ORO in soil exceeds the NDEP Reportable Concentration for petroleum impacted soil of 100 mg/kg [Nevada Administrative Code (NAC) 445A.345 to 445A.348]. However, although the vertical extent of was not defined, based on the apparent visual extent, the volume of impacted soil does not appear to exceed three cubic yards (the NDEP minimum reportable volume).

Kleinfelder recommends that the two unlabeled drums and contents be properly disposed and documentation of the disposal kept on file.

In Southern Nevada, petroleum impacted soil is typically accepted by the following facilities:

- Las Vegas Paving's petroleum impacted soils recycling facility, located on 5th Street, near Cheyenne Avenue, in North Las Vegas, Nevada
- Republic Services of Southern Nevada's APEX Regional Landfill, located off northbound Interstate 15, at the exit to North Highway 93 (Great Basin Highway).

9.4 GROUNDWATER

The concentrations reported by the analytical laboratory for the samples collected do not exceed current established regulatory action levels. Therefore, no additional action is recommended in regards to groundwater at the site.

10 LIMITATIONS

Kleinfelder performed this survey in accordance with generally accepted standards of care practiced by other members of our profession in Clark County, Nevada at the time the work was completed. The completed surveys were limited to the areas sampled and the number of samples collected. Our findings are limited to the conditions and results reported for the time the surveys were completed. No warranty, expressed or implied, is made.

The scope of services described here is not intended to be inclusive, to identify all potential concerns, or to eliminate the possibility of other environmental problems. Within current technology, no level of assessment can show conclusively that a property or its structures are completely free of hazardous substances. Therefore, Kleinfelder cannot offer a certification that the property is free of environmental liability. Kleinfelder will assume no responsibility or liability whatsoever for any claim, loss of property value, damage, or injury which results from pre-existing hazardous materials being encountered or present on the project site, or from the discovery of such hazardous materials. Kleinfelder offers a range of investigative and engineering services to suit the varying needs of our clients. Although risk can never be eliminated, more detailed and extensive investigations yield more information, which may help understand and manage the degree of risk. Since such detailed services involve greater expense, our clients participate in determining the level of service that provides adequate information for their purposes at an acceptable level of risk.

Kleinfelder assumes no responsibility or liability for any claim, loss of property value, damage, or injury resulting from hazardous materials present on the site. Nothing contained in this report should be construed or interpreted as requiring Kleinfelder to assume the status of an owner, operator, generator, or person who arranges for disposal, transport, storage, or treatment of hazardous materials within the meaning of any governmental statute, regulation, or order.

11 REFERENCES

Kleinfelder, 2012a, Phase I Environmental Site Assessment, Moapa Band of Paiutes Packing Plant, dated June 26, 2012, Document 126687.01/REN12R0312

Kleinfelder, 2012b, Field Sampling Plan for Hazardous Substances Phase II, Moapa Band of Paiutes Packing Plant, dated May 7, 2012, Document 126687.01/REN12R0269

Environmental Site Assessment for Moapa Band of Paiutes Packing Plant, Abandoned Above-Ground Storage Tank and Small Greenhouse, dated May 7, 2012, Document 126687.01/REN12R0269

Kleinfelder, 2012c, Phase I Environmental Site Assessment & Limited Asbestos Survey, Moapa Paiute Farm Large Greenhouses, dated March 1, 2012, Document 122785.01/REN12R0215

Yager, Douglas B. and Helen W. Folger, Map Showing Arsenic Concentrations from Stream Sediments and Soils Throughout the Humboldt River Basin and Surrounding Areas, Northern Nevada, 2003.

PLATES



- 1 Lincoln Street
2 Greenhouse Road
3 Paqaroonsy Road
4 Reservation Road

Map Source:
Clark County, Nevada County
Assessor's Office OpenWeb Info Mapper
Fall 2011 Aerial



Subject Property
Location



Original in Color

SUBJECT SITE AND VICINITY MAP		PLATE 1
Moapa Band of Paiutes Packing Plant Moapa River Reservation A portion of APN 030-36-000-006 Moapa, Clark County, Nevada		
Drawn by: DCB	Checked by: PT	Date: 05/15/12
PROJECT NO.:126687.01		



GISMO

Areas of Investigation

- 1 Packing Plant
- 2 Drums (approximate location)
- 3 Groundwater well (approximate location)



Map Source:
Clark County, Nevada
County Assessor's Office
OpenWeb Info Mapper
Assessor's Map and Aerial Photograph
Fall 2011

Original in Color



AREAS OF INVESTIGATION

Moapa Band of Paiutes Packing Plant
Moapa River Reservation
A portion of APN 030-36-000-006
Moapa, Clark County, Nevada

PLATE

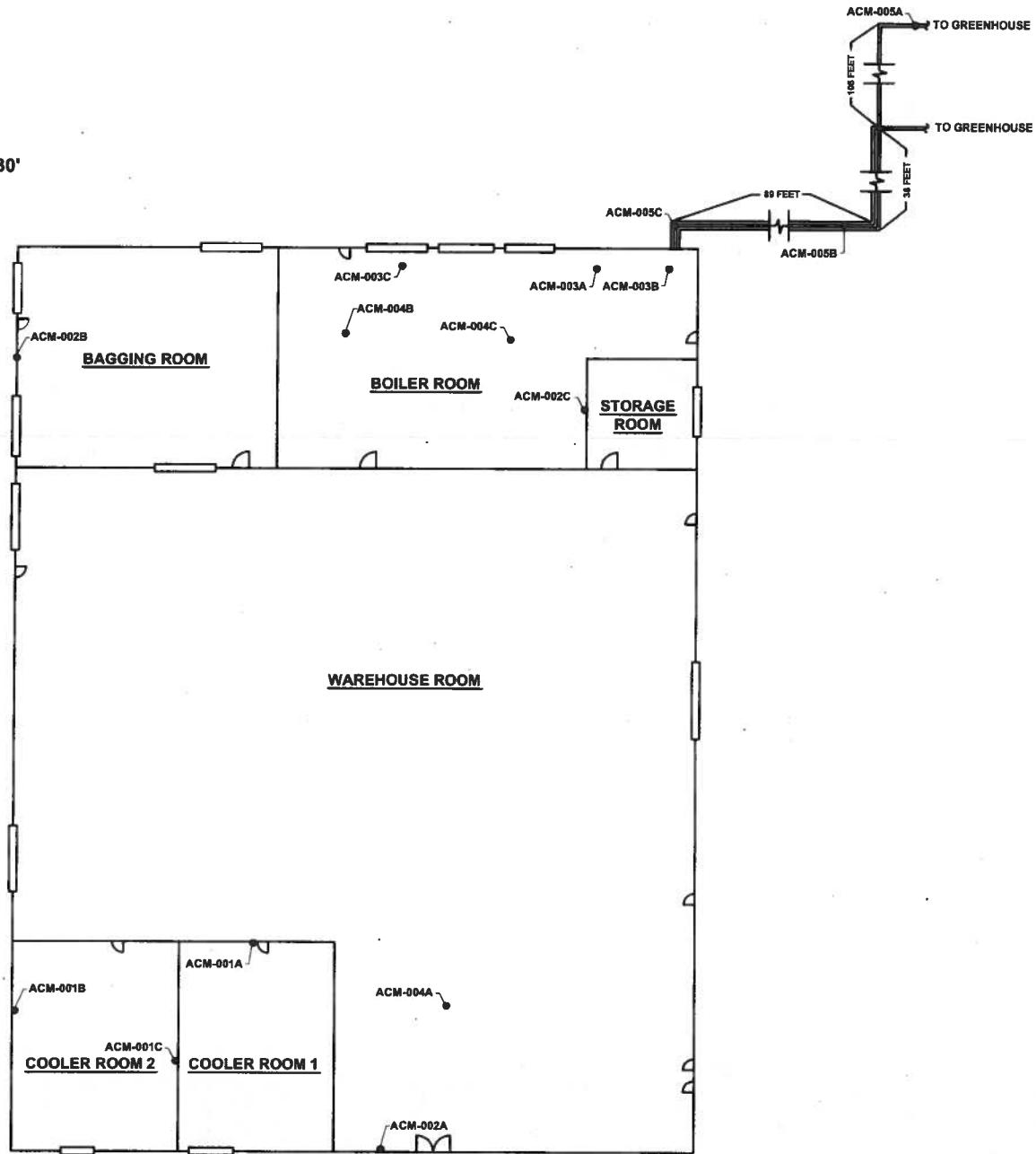
2

Drawn by: DCB Checked by: PT Date: 05/15/12 PROJECT NO. 126687.01

© 2012 Kleinfelder



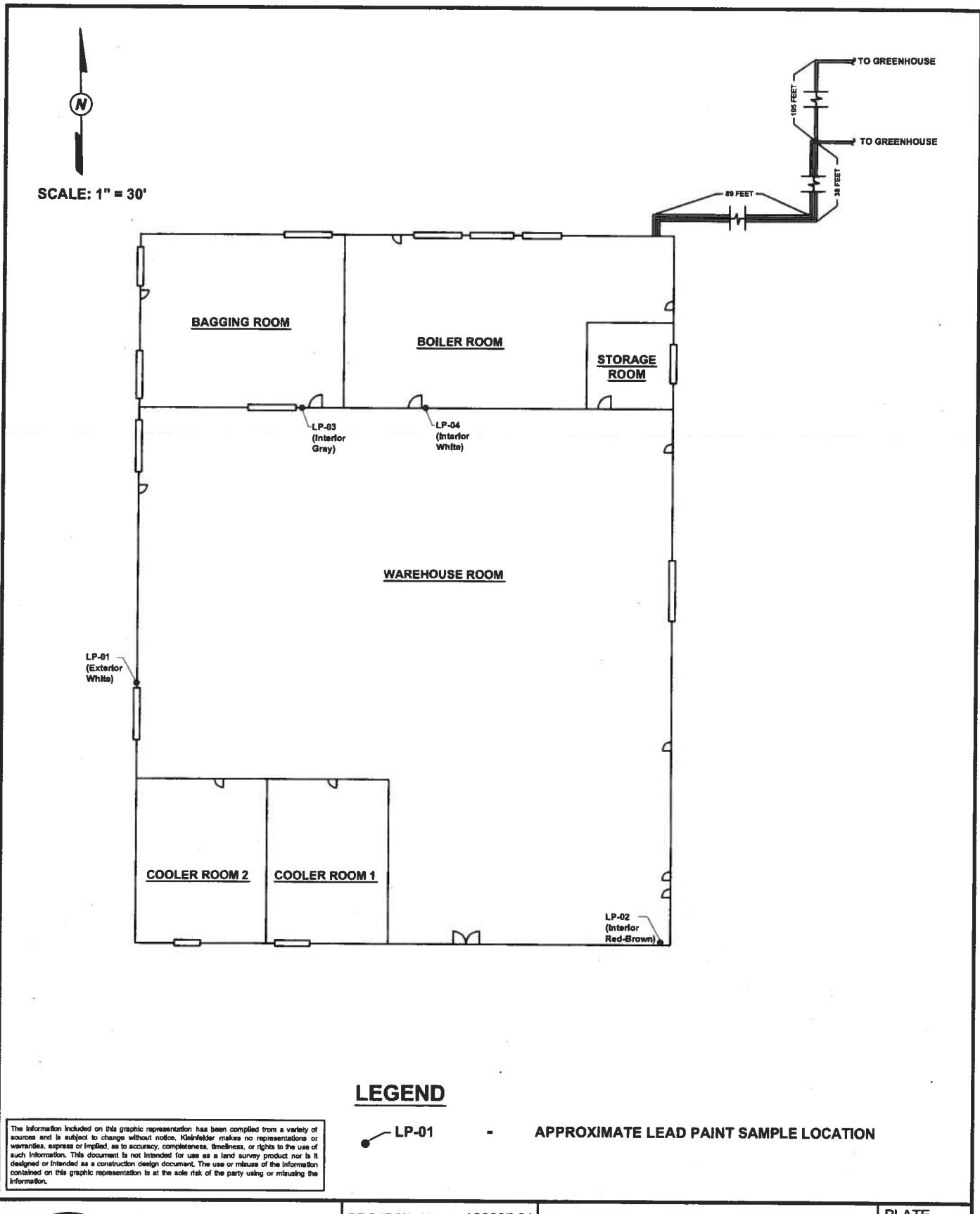
SCALE: 1" = 30'



LEGEND

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ACM-001A - APPROXIMATE ASBESTOS SAMPLE LOCATION



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- APPROXIMATE LEAD PAINT SAMPLE LOCATION

TABLES



TABLE 1
Summary of Asbestos Survey Results
Hazardous Substances Phase II ESA
Moapa Band of Paiutes Packing Plant
Moapa River Reservation

Sample Number	Sample Location	Sample Description	Asbestos Content (PLM)	Observed Condition / Friability	Estimated Material Amount
ACM-001A	Cooler Room 1, sliding door	white cooler door insulation	ND	NA	NA
ACM-001b	Cooler Room 2, west wall	white cooler wall insulation	ND	NA	NA
ACM-001C	Cooler Room 2, west wall	white cooler wall insulation	ND	NA	NA
ACM-002A	Warehouse, south wall	white/silver fabric with yellow insulation	ND	NA	NA
ACM-002B	Bag room, east wall	white/silver fabric with yellow insulation	ND	NA	NA
ACM-002C	Boiler room, west wall	white/silver fabric with yellow insulation	ND	NA	NA
ACM-003A	Boiler room, pipe elbow	Brown paper backed yellow insulated pipe wrap	ND	NA	NA
ACM-003B	Boiler room, lower pipe run	Brown paper backed yellow insulated pipe wrap	ND	NA	NA
ACM-003C	Boiler room, upper pipe run	Brown paper backed yellow insulated pipe wrap	ND	NA	NA
ACM-004A	Warehouse	Brown paper backed yellow insulation waste pile	ND	NA	NA
ACM-004B	Boiler room floor, south end	Brown paper backed yellow insulation waste pile	ND	NA	NA
ACM-004C	Boiler room floor, pipe run trench	Brown paper backed yellow insulation waste pile	ND	NA	NA
ACM-005A	Exterior pipe elbow at large greenhouse	Yellow pipe wrap insulation	ND	NA	NA
ACM-005B	Exterior pipe run	Yellow pipe wrap insulation	ND	NA	NA
ACM-005C	Exterior pipe run, at tanks	Yellow pipe wrap insulation	ND	NA	NA

ND = No Asbestos Detected

NA = Not Applicable

TABLE 2
Summary of Lead Sample Results
Hazardous Substances Phase II ESA
Moapa Band of Paiutes Packing Plant
Moapa River Reservation

Sample Number	Sample Location and Description	Lead Content (ppm)
LBP-01	White, exterior paint on steel siding	21
LBP-02	Red-brown, interior paint on structural frame and column	55
LBP-03	Gray, interior paint on roll up door frame	1,300
LBP-04	White, interior paint on steel siding	100

ppm = Parts Per Million

TABLE 3
Summary of Drum Area Soil Samples Results
Hazardous Substances Phase II ESA
Moapa Band of Paiutes Packing Plant
Moapa River Reservation

Analysis Name	Drum Area #1-1-6" Lab ID V12E048-01	Drum Area #1-2-6" Lab ID V12E048-02	Drum Rinseate ¹ Lab ID V12E048-03	NDEP Reportable Concentration ²
TPH-GRO by 8015 (mg/kg)	BRL	BRL	BRL	100
TPH-DRO by 8015 (mg/kg)	BRL	BRL	BRL	100
TPH-ORO by 8015 (mg/kg)	6,500	BRL	BRL	100
VOCs by 8260 (mg/kg) (60 compounds listed)	BRL	BRL	BRL	see report appendix E
SVOCs by 8270C (mg/kg) (53 compounds listed)	BRL	BRL	BRL	see report appendix E
PCBs, by 8082 (mg/kg)				
PCB 1016	BRL	BRL	BRL	3.9
PCB 1221	BRL	BRL	BRL	0.17
PCB 1232	BRL	BRL	BRL	0.17
PCB 1242	BRL	BRL	BRL	0.22
PCB 1248	BRL	BRL	BRL	0.22
PCB 1254	BRL	BRL	BRL	0.22
PCB 1260	BRL	BRL	BRL	0.22
RCRA 8 Metals (mg/kg)				
arsenic, total	5.9	4.7	BRL	0.39
barium, total	120	66	BRL	1,600
cadmium, total	0.59	0.85	BRL	8
chromium, total	7.1	7.9	BRL	38
mercury, total	BRL	BRL	BRL	6.7
lead, total	7.1	14	BRL	400
selenium, total	BRL	BRL	BRL	5
silver, total	BRL	BRL	BRL	34

¹ Reporting in milligrams per liter (mg/L)

² Listed in NDEP Draft Guidelines for Discovery Events, 2009, Appendix A (included as Appendix E of this report)

Bold - exceeds NDEP reporting limit, as listed in NDEP Draft Guidelines for Discovery Events, 2009, Appendix A2 (included as Appendix E of this report)

BRL - Below Reporting Limits, refer to analytical laboratory report for reporting limits

mg/kg - milligrams per kilograms

PCBs - Polychlorinated Biphenyls

SVOC - Semi-volatile Organic Compounds (refer to the analytical laboratory report for the specific analytes and their respective reporting limits)

TPH-GRO - Total Petroleum Hydrocarbon Gasoline Range Organics (C6-C10)

TPH-DRO - Total Petroleum Hydrocarbon Diesel Range Organics (C10-C28)

TPH-ORO - Total Petroleum Hydrocarbon Oil Range Organics (C28-C35)

VOCs - Volatile Organic Compounds (refer to the analytical laboratory report for the specific analytes and their respective reporting limits)

TABLE 4
Summary of Groundwater Sample Results
Hazardous Substances Phase II ESA
Moapa Band of Paiutes Packing Plant
Moapa River Reservation



Analysis Name	GW Lab ID V12E047-01	NDEP Reportable Concentration ¹
TPH-GRO by 8015 (mg/L)	BRL	NL
TPH-DRO by 8015 (mg/L)	BRL	NL
TPH-ORO by 8015 (mg/L)	BRL	NL
VOCs by 8260 (mg/L) (60 compounds listed)	BRL	NL
RCRA 8 Metals (mg/L)		see report Appendix E
arsenic, total	BRL	0.01
barium, total	0.011	2
cadmium, total	BRL	0.005
chromium, total	BRL	NL
mercury, total	BRL	0.002
lead, total	BRL	0.015
selenium, total	BRL	0.05
silver, total	BRL	NL
Herbicides by 8151 (mg/L) (10 compounds listed)	BRL	see report Appendix E
Organophosphorous Pesticides by 8141 (mg/L) (26 compounds listed)	BRL	see report Appendix E

¹ Listed in NDEP Draft Guidelines for Discovery Events, 2009, Appendix A (included as Appendix E of this report)
NL = Not listed in NDEP Draft Guidelines for Discovery Events, 2009, Appendix A

BRL - Below Reporting Limits, refer to analytical laboratory report for reporting limits

Herbicides – (refer to the analytical laboratory report for the specific analytes and their respective reporting limits).

Pesticides – (refer to the analytical laboratory report for the specific analytes and their respective reporting limits).

TPH-GRO - Total Petroleum Hydrocarbon Gasoline Range Organics (C6-C10).

TPH-DRO - Total Petroleum Hydrocarbon Diesel Range Organics (C10-C28).

TPH-ORO - Total Petroleum Hydrocarbon Oil Range Organics (C28-C35).

VOCs - Volatile Organic Compounds (refer to the analytical laboratory report for the specific analytes and their respective reporting limits).

APPENDIX A

ANALYTICAL DATA REPORTS AND CHAIN OF CUSTODY FORMS ASBESTOS

FIBERQUANT

ANALYTICAL SERVICES

Polarized Light Microscope (PLM) Analysis for Asbestos in Bulk Sample

JobNumber: 201204840

Client:

KLEINFELDER INC

6380 S POLARIS AVE

LAS VEGAS, NV 89118-3821

Office Phone: (702) 736-2936

FAX: (702) 361-9094

Samples: 15 PLM Rec: 5/21/2012 Method: EPA 600/R-93/116

The "New" Method; see below

Client Job: 126687.01/Moapa Paiute Farm Packing Plan

PO Number: 126687-01

Report Date: 5/22/2012

Date Analyzed: 5/22/2012

Routing Number: -

Method and Analysis Information: Fiberquant Internal SOP: PLMN

Each bulk sample is first dissected under a 7-30x magnification stereo-microscope. This examination is used to determine the general type of sample, how many and what type of layers it has, and initial estimates of fiber types and quantities. Second, liquid media mounts are made of each layer - such mounts may be of selected fibers (used solely for identification purposes) or may be representative of the layer as a whole (used for quantitation purposes). The mounts may be made in a synthetic Canadian balsam, one of several solvents, or in refractive index oils (media of known refractive index). Generally, a variety of different mounts are made: some optimized for fiber visibility, some optimized for fiber identification, and some optimized for fiber quantitation. The mounted slides are then examined at 50-400x magnification on a Nikon Labphot-pol microscope. Optical characteristics are used to identify each observed fiber type; the optical data are contained for each sample on its detail analysis sheet, attached.

Current EPA and NESHAP regulations designate a result of <=1 % asbestos as "negative" and >1 % asbestos as "positive". Samples containing layers that have been determined to be "positive" may have to be handled differently during a renovation or demolition than samples whose layers have been determined to be "negative."

The method of fiber identification and quantitation is the "Standard Operating Procedures for the Analysis of Asbestos in Bulk Samples using Polarized Light Microscopy", Chapter 7 of the Quality Assurance and Management Manual. This SOP and its associated reporting have been designed to satisfy all requirements in both EPA Method 600/M4-82-020 (The Interim Method) and EPA Method 600/R-93/116 (The New Method). The Interim Method is the required method for AHERA (US EPA 40 CFR Pt. 763), but this method calls for the reporting of composited results of multi-layered samples that is no longer an acceptable reporting practice in most circumstances. Current EPA rules, such as NESHAP (US EPA 40CFR Pt. 61), as well as NVLAP accreditation policies, call for separate reporting for each layer of multi-layered samples. The New Method contains the same procedures for identification and quantification of asbestos as does the Interim Method, except that multi-layered samples are reported to comply with the latest US EPA rule. Fiberquant not only reports the asbestos content of each layer of multi-layered samples separately (satisfying current EPA and NVLAP reporting requirements), but Fiberquant also reports what percentage of the sample each layer comprises. Therefore, the results may be arithmetically composited to satisfy the reporting requirements of the Interim Method. The method of fiber quantitation is an estimation technique in which the analysts quantitation is routinely calibrated by reference quantitation standards, and which has been shown to be equivalent in precision and accuracy to point counting. Friability is estimated for the purposes of deciding when to point count. Friabilities determined in the field take precedence over those determined in the laboratory. Those sample layers which are friable and estimated by the analyst to contain <= 1% asbestos are point counted using 400 points. Such point counting is required by NESHAP (National Emission Standards for Hazardous Air Pollutants, Nov. 1990) in order to rely on analytical results that are <= 1%. The coefficient of variation for the estimation quantitation technique is 100% in the range 0-5%. This means that PLM analysis is not capable of conclusively determining whether a layer containing close to 1% asbestos is actually "positive" or "negative". For this reason, Fiberquant refers to results where asbestos was detected but <= 1% as "borderline negative", and results where asbestos was >1 % but <= 2% as "borderline positive" to indicate the uncertainty in assigning a "positive" or "negative" label. In the sample summary, "ND" means that no asbestos was detected during the analysis. A "Tr" or "Trace" of asbestos reported is defined for our purposes as the detection of several asbestos fibers during the analysis; this level would be right at the limit of detection for the method. Trace is only reported on the analysis detail - in the summary a trace would be reported as <=1%. The limit of detection (the smallest % of asbestos that can be detected) varies greatly depending on the matrix in which the asbestos is found. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 1% stated in the method. During the analysis, the analyst, for Fiberquant identification purposes only, determines the "apparent sample type" and "apparent layer types." It must be emphasized that these types are only what is apparent. Often, different materials appear similar or identical after sampling, so the analyst may assign a type other than what was sampled.

Floor tiles present a special problem for PLM asbestos analysis. Floor tile can contain chrysotile fibers so thin that they cannot be resolved by optical methods. In such a case, we may observe a percentage of asbestos which is lower than the actual percentage, or not observe asbestos at all when some is present. For this reason, floor tiles reported as negative should be confirmed to be negative using transmission electron microscope (TEM) analysis. Likewise, vermiculite insulation materials containing traces of asbestiform asbestos present a problem for routine PLM analysis - the amphiboles are sometimes present in trace amounts inhomogeneously distributed. For this reason, loose vermiculite samples reported as negative should be confirmed to contain no amphibole using hydroseparation techniques.

The samples were analyzed under the following ongoing quality assurance program: Blank samples are routinely analyzed to maintain contamination-free materials. Each analyst has at least a bachelor's degree in physical science, and has also completed extensive training specific to asbestos analysis for 1-3 months before being allowed to analyze client samples. Qualitative reference samples are routinely analyzed to assure that analysts can identify asbestos and asbestos-look-alike fibers. Quantitative reference samples are routinely analyzed to calibrate and characterize the

estimation procedure. Microscope alignment is checked each day. Refractive index oils are calibrated at least quarterly. At least 10% of client samples are re-analyzed from scratch by a different analyst than the original, and any discrepancies are resolved for the sample and similar sample types before the results are reported. All quality checks performed for these samples were in control except as detailed in the "Analytical Notes" #101031 for the analysis of bulk samples for asbestos using PLM. Accreditation does not imply endorsement by the EPA, any other United States governmental agency or any private agency or association. Each lab analysis refers only to the sample tested, and may not, due to the sampling process, be representative of the material sampled. This report may not be reproduced except in full, without the approval of Fiberquant Analytical Services.

Some results may have been calculated using client supplied data, such as volume or area sampled, for which Fiberquant assumes no liability for accuracy.

Job Analysis Notes:

PLM Analysis Summary:

Sample Number		Lab Number	Apparent Sample Type *	Positive Layer Yes or No
Layer	Color	Apparent Layer Type *	Asbestos Results	
Sample # ACM-001A		2012-04840- 1	Insulation no asbestos detected	Positive Layer? No
Layer # 1 blue		paint	no asbestos detected	
Layer # 2 white		foam	no asbestos detected	
Sample # ACM-001B		2012-04840- 2	Insulation no asbestos detected	Positive Layer? No
Layer # 1 white		foam	no asbestos detected	
Sample # ACM-001C		2012-04840- 3	Insulation no asbestos detected	Positive Layer? No
Layer # 1 white		foam	no asbestos detected	
Sample # ACM-002A		2012-04840- 4	TSI no asbestos detected	Positive Layer? No
Layer # 1 white		insulation wrap	no asbestos detected	
Layer # 2 yellow		insulation	no asbestos detected	
Sample # ACM-002B		2012-04840- 5	TSI no asbestos detected	Positive Layer? No
Layer # 1 white		insulation wrap	no asbestos detected	
Layer # 2 yellow		insulation	no asbestos detected	
Sample # ACM-002C		2012-04840- 6	TSI no asbestos detected	Positive Layer? No
Layer # 1 white		insulation wrap	no asbestos detected	
Layer # 2 yellow		insulation	no asbestos detected	
Sample # ACM-003A		2012-04840- 7	TSI no asbestos detected	Positive Layer? No
Layer # 1 brown		paper/cardboard	no asbestos detected	
Layer # 2 yellow		insulation	no asbestos detected	
Sample # ACM-003B		2012-04840- 8	TSI no asbestos detected	Positive Layer? No
Layer # 1 brown		paper/cardboard	no asbestos detected	
Layer # 2 yellow		insulation	no asbestos detected	
Sample # ACM-003C		2012-04840- 9	TSI no asbestos detected	Positive Layer? No
Layer # 1 brown		paper/cardboard	no asbestos detected	
Layer # 2 yellow		insulation	no asbestos detected	
Sample # ACM-004A		2012-04840- 10	Insulation no asbestos detected	Positive Layer? No
Layer # 1 tan		paper/cardboard	no asbestos detected	
Layer # 2 clear		polymer	no asbestos detected	
Layer # 3 yellow		insulation	no asbestos detected	
Sample # ACM-004B		2012-04840- 11	Insulation no asbestos detected	Positive Layer? No
Layer # 1 tan		paper/cardboard	no asbestos detected	
Layer # 2 yellow		insulation	no asbestos detected	
Sample # ACM-004C		2012-04840- 12	Insulation no asbestos detected	Positive Layer? No
Layer # 1 tan		paper/cardboard	no asbestos detected	
Layer # 2 yellow		insulation	no asbestos detected	
Sample # ACM-005A		2012-04840- 13	Insulation no asbestos detected	Positive Layer? No
Layer # 1 yellow		insulation	no asbestos detected	
Sample # ACM-005B		2012-04840- 14	Insulation no asbestos detected	Positive Layer? No
Layer # 1 yellow		insulation	no asbestos detected	
Sample # ACM-005C		2012-04840- 15	Insulation no asbestos detected	Positive Layer? No
Layer # 1 yellow		insulation	no asbestos detected	

* Apparent Sample Types and Apparent Layer Types are as they appeared to the analyst. Since many types of materials appear similar after sampling damage, the apparent type of material may not be the actual type of material.

PLM Analysis Details

Job Number:

201204840

126687.01/Moapa Paiute Farm Packing

Sample ACM-001A

Lab Number 2012-04840- 1

Sampled: 5/17/2012

Condition: acceptable

Analyzed By GBB 5/22/2012

An? OK

Apparent Smp Type Insulation

Non-fibrous Solid

Homogeneous No

Layers 2

Pos Layer? No

Sub-Samples 4

Non-Fibrous Components (in approx. decreasing order): polymer foam, polymer, binder

Layers

#	Layer Type	%	Color	Friability	
1	paint	1	blue	1	
2	foam	99	white	3	
Total %		100	Overall %		

Percents of Each Fiber						
Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6	
n.d.	-	-	-	-	-	-
n.d.	-	-	-	-	-	-
n.d.	-	-	-	-	-	-

Fiber Identification:

none

Fibers

1	Color	Mrph	Iso	Pleo	Bi	Elg	Ext
1	none						
2							
3							
4							
5							
6							

Refractive Index Determinations				
Oil	Col Par	Col Per	RI Par	RI Per

Sample Analytical Note

Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

Sample ACM-001B

Lab Number 2012-04840- 2

Sampled: 5/17/2012

Condition: acceptable

Analyzed By GBB 5/22/2012

An? OK

Apparent Smp Type Insulation

Non-fibrous Solid

Homogeneous Yes

Layers 1

Pos Layer? No

Sub-Samples 4

Non-Fibrous Components (in approx. decreasing order): polymer foam, ,

Layers

#	Layer Type	%	Color	Friability	
1	foam	100	white	3	
Total %		100	Overall %		

Percents of Each Fiber						
Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6	
n.d.	-	-	-	-	-	-
n.d.	-	-	-	-	-	-

Fiber Identification:

none

Fibers

1	Color	Mrph	Iso	Pleo	Bi	Elg	Ext
1	none						
2							
3							
4							
5							
6							

Refractive Index Determinations				
Oil	Col Par	Col Per	RI Par	RI Per

Sample Analytical Note

Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

Sample ACM-001C

Lab Number 2012-04840- 3

Sampled: 5/17/2012

Condition: acceptable

Analyzed By GBB 5/22/2012

An? OK

Apparent Smp Type Insulation

Non-fibrous Solid

Homogeneous Yes

Layers 1

Pos Layer? No

Sub-Samples 4

Non-Fibrous Components (in approx. decreasing order): polymer foam, ,

Layers

#	Layer Type	%	Color	Friability	
1	foam	100	white	3	
Total %		100	Overall %		

Percents of Each Fiber						
Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6	
n.d.	-	-	-	-	-	-
n.d.	-	-	-	-	-	-

Fiber Identification:

none

Fibers

1	Color	Mrph	Iso	Pleo	Bi	Elg	Ext
1	none						
2							
3							
4							
5							
6							

Refractive Index Determinations				
Oil	Col Par	Col Per	RI Par	RI Per

Sample Analytical Note

Procedure: tweased apart using forceps. Procedure: dissolution of matrix using solvent.

PLM Analysis Details

Job Number:

201204840

126687.01/Moapa Paiute Farm Packing

Sample ACM-002A **Lab Number** 2012-04840-4 **Sampled:** 5/17/2012 **Condition:** acceptable
Analyzed By GBB 5/22/2012 **An? OK** **Apparent Smp Type** TSI **Fibrous Mat**
Homogeneous No **# Layers** 2 **Pos Layer? No** **# Sub-Samples** 4
Non-Fibrous Components (in approx. decreasing order): polymer, metal, binder

Layers				Percents of Each Fiber					
#	Layer Type	%	Color	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	insulation wrap	25	white	2	10-20%	-	-	-	-
2	insulation	75	yellow	3	90-100%	-	-	-	-
Total %		100	Overall %		70-80%	-	-	-	-
Fiber identification: glass fiber									
Fibers				Refractive Index Determinations					
1	glass fiber	CL	Mrph	Iso	Pleo	Bi	Eig	Ext	Oil
2			D	Y					Col Par
3									Col Per
4									RI Par
5									RI Per
6									

Sample Analytical Note

Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent.

Layers				Percents of Each Fiber					
#	Layer Type	%	Color	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	insulation wrap	40	white	2	10-20%	n.d.	-	-	-
2	insulation	60	yellow	3	90-100%	<=1%	-	-	-
Total %		100	Overall %		60-70%	<=1%	-	-	-
Fiber identification: glass fiber cellulose fiber									
Fibers				Refractive Index Determinations					
1	glass fiber	CL	Mrph	Iso	Pleo	Bi	Eig	Ext	Oil
2	cellulose fiber	W	D	Y					Col Par
3			F	N	N	H	+	U	Col Per
4									RI Par
5									RI Per
6									

Sample Analytical Note

Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent.

Layers				Percents of Each Fiber					
#	Layer Type	%	Color	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
1	insulation wrap	40	white	2	10-20%	-	-	-	-
2	insulation	60	yellow	3	90-100%	-	-	-	-
Total %		100	Overall %		60-70%	-	-	-	-
Fiber identification: glass fiber									
Fibers				Refractive Index Determinations					
1	glass fiber	CL	Mrph	Iso	Pleo	Bi	Eig	Ext	Oil
2		D	Y						Col Par
3									Col Per
4									RI Par
5									RI Per
6									

Sample Analytical Note

Procedure: tweased apart using forceps. Procedure: dissolution of polymer matrix using solvent.

PLM Analysis Details

Job Number: 201204840

126687.01/Moapa Paiute Farm Packing

Sample ACM-003A

Lab Number 2012-04840- 7

Sampled: 5/17/2012

Condition: acceptable

Analyzed By GBB 5/22/2012

An? OK

Apparent Smp Type TSI

Fibrous Mat

Homogeneous No

Layers 2

Pos Layer? No

Sub-Samples 4

Non-Fibrous Components (in approx. decreasing order): binder, glass,

Layers

#	Layer Type	%	Color	Friability	
1	paper/cardboard	60	brown	2	
2	insulation	40	yellow	3	
Total %		100	Overall %		

Percents of Each Fiber					
Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
90-100%	n.d.	-	-	-	-
n.d.	90-100%	-	-	-	-
50-60%	30-40%	-	-	-	-

Fiber Identification: cellulose fiber glass fiber

Fibers

	Color	Mrph	Iso	Pleo	Bi	Elg	Ext
1	cellulose fiber	W	F	N	N	H	+
2	glass fiber	CL	D	Y			
3							
4							
5							
6							

Refractive Index Determinations					
Oil	Col Par	Col Per	RI Par	RI Per	

Sample Analytical Note

Procedure: tweased apart using forceps.

Sample ACM-003B

Lab Number 2012-04840- 8

Sampled: 5/17/2012

Condition: acceptable

Analyzed By GBB 5/22/2012

An? OK

Apparent Smp Type TSI

Fibrous Mat

Homogeneous No

Layers 2

Pos Layer? No

Sub-Samples 4

Non-Fibrous Components (in approx. decreasing order): binder, glass,

Layers

#	Layer Type	%	Color	Friability	
1	paper/cardboard	50	brown	2	
2	Insulation	50	yellow	3	
Total %		100	Overall %		

Percents of Each Fiber					
Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
90-100%	n.d.	-	-	-	-
n.d.	90-100%	-	-	-	-
40-50%	40-50%	-	-	-	-

Fiber Identification: cellulose fiber glass fiber

Fibers

	Color	Mrph	Iso	Pleo	Bi	Elg	Ext
1	cellulose fiber	W	F	N	N	H	+
2	glass fiber	CL	D	Y			
3							
4							
5							
6							

Refractive Index Determinations					
Oil	Col Par	Col Per	RI Par	RI Per	

Sample Analytical Note

Procedure: tweased apart using forceps.

Sample ACM-003C

Lab Number 2012-04840- 9

Sampled: 5/17/2012

Condition: acceptable

Analyzed By GBB 5/22/2012

An? OK

Apparent Smp Type TSI

Fibrous Mat

Homogeneous No

Layers 2

Pos Layer? No

Sub-Samples 4

Non-Fibrous Components (in approx. decreasing order): binder, glass,

Layers

#	Layer Type	%	Color	Friability	
1	paper/cardboard	85	brown	2	
2	Insulation	15	yellow	3	
Total %		100	Overall %		

Percents of Each Fiber					
Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
90-100%	n.d.	-	-	-	-
n.d.	90-100%	-	-	-	-
80-90%	10-20%	-	-	-	-

Fiber Identification: cellulose fiber glass fiber

Fibers

	Color	Mrph	Iso	Pleo	Bi	Elg	Ext
1	cellulose fiber	W	F	N	N	H	+
2	glass fiber	CL	D	Y			
3							
4							
5							
6							

Refractive Index Determinations					
Oil	Col Par	Col Per	RI Par	RI Per	

Sample Analytical Note

Procedure: tweased apart using forceps.

PLM Analysis Details

Job Number: 201204840 126687.01/Moapa Paiute Farm Packing

Sample ACM-004A **Lab Number** 2012-04840- 10 **Sampled:** 5/17/2012 **Condition:** acceptable
Analyzed By GBB **5/22/2012** **An? OK** **Apparent Smp Type** Insulation **Fibrous Mat**
Homogeneous No **# Layers** 3 **Pos Layer? No** **# Sub-Samples** 6

Non-Fibrous Components (in approx. decreasing order): binder, glass, polymer

Layers		Percents of Each Fiber										
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6		
1	paper/cardboard	40	tan	2	90-100%	n.d.	-	-	-	-		
2	polymer	20	clear	1	n.d.	n.d.	-	-	-	-		
3	Insulation	40	yellow	3	n.d.	90-100%	-	-	-	-		
Total %		100	Overall %		30-40%	30-40%	-	-	-	-		
Fiber Identification: cellulose fiber glass fiber												
Fibers		Refractive Index Determinations										
1	cellulose fiber	Color	Mrph	Iso	Pleo	Bi	Eig	Ext	Oil	Col Par		
2	glass fiber	CL	D	Y					Col Per	RI Par		
3									RI Per			
4												
5												
6												

Sample Analytical Note

Procedure: teased apart using forceps. Procedure: dissolution of polymer matrix using solvent.

Sample ACM-004B **Lab Number** 2012-04840- 11 **Sampled:** 5/17/2012 **Condition:** acceptable
Analyzed By GBB **5/22/2012** **An? OK** **Apparent Smp Type** Insulation **Fibrous Mat**
Homogeneous No **# Layers** 2 **Pos Layer? No** **# Sub-Samples** 4

Non-Fibrous Components (in approx. decreasing order): binder, glass,

Layers		Percents of Each Fiber										
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6		
1	paper/cardboard	50	tan	2	90-100%	n.d.	-	-	-	-		
2	insulation	50	yellow	3	>1-2%	90-100%	-	-	-	-		
Total %		100	Overall %		40-50%	40-50%	-	-	-	-		
Fiber Identification: cellulose fiber glass fiber												
Fibers		Refractive Index Determinations										
1	cellulose fiber	Color	Mrph	Iso	Pleo	Bi	Eig	Ext	Oil	Col Par		
2	glass fiber	CL	D	Y					Col Per	RI Par		
3									RI Per			
4												
5												
6												

Sample Analytical Note

Procedure: teased apart using forceps.

PLM Analysis Details

Job Number: 201204840

126687.01/Moapa Paiute Farm Packing

Sample ACM-004C

Lab Number 2012-04840- 12

Sampled: 5/17/2012

Condition: acceptable

Analyzed By GBB 5/22/2012

An? OK

Apparent Smp Type Insulation

Fibrous Mat

Homogeneous No

Layers 2

Pos Layer? No

Sub-Samples 4

Non-Fibrous Components (in approx. decreasing order): binder, glass,

Layers

#	Layer Type	%	Color	Friability
1	paper/cardboard	30	tan	2
2	insulation	70	yellow	3
	Total %	100		

Overall %

Fiber Identification: cellulose fiber glass fiber

Percents of Each Fiber

Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
90-100%	n.d.	-	-	-	-
>1-2%	90-100%	-	-	-	-
20-30%	60-70%	-	-	-	-

Fibers

	Color	Mrph	Iso	Pleo	Bi	Eig	Ext
1	cellulose fiber	W	F	N	N	H	+
2	glass fiber	CL	D	Y			U
3							
4							
5							
6							

Refractive Index Determinations

Oil	Col Par	Col Per	RI Par	RI Per

Sample Analytical Note

Procedure: tweased apart using forceps.

Sample ACM-005A

Lab Number 2012-04840- 13

Sampled: 5/17/2012

Condition: acceptable

Analyzed By GBB 5/22/2012

An? OK

Apparent Smp Type Insulation

Fibrous Mat

Homogeneous Yes

Layers 1

Pos Layer? No

Sub-Samples 3

Non-Fibrous Components (in approx. decreasing order): binder, glass, debris

Layers

#	Layer Type	%	Color	Friability
1	insulation	100	yellow	3
	Total %	100		

Overall %

Fiber Identification: glass fiber

Percents of Each Fiber

Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
90-100%	-	-	-	-	-
90-100%	-	-	-	-	-

Fibers

	Color	Mrph	Iso	Pleo	Bi	Eig	Ext
1	glass fiber	CL	D	Y			
2							
3							
4							
5							
6							

Refractive Index Determinations

Oil	Col Par	Col Per	RI Par	RI Per

Sample Analytical Note

Procedure: tweased apart using forceps.

Sample ACM-005B

Lab Number 2012-04840- 14

Sampled: 5/17/2012

Condition: acceptable

Analyzed By GBB 5/22/2012

An? OK

Apparent Smp Type Insulation

Fibrous Mat

Homogeneous Yes

Layers 1

Pos Layer? No

Sub-Samples 3

Non-Fibrous Components (in approx. decreasing order): binder, glass, debris

Layers

#	Layer Type	%	Color	Friability
1	insulation	100	yellow	3
	Total %	100		

Overall %

Fiber Identification: glass fiber

Percents of Each Fiber

Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6
90-100%	-	-	-	-	-
90-100%	-	-	-	-	-

Fibers

	Color	Mrph	Iso	Pleo	Bi	Eig	Ext
1	glass fiber	CL	D	Y			
2							
3							
4							
5							
6							

Refractive Index Determinations

Oil	Col Par	Col Per	RI Par	RI Per

Sample Analytical Note

Procedure: tweased apart using forceps.

PLM Analysis Details

Job Number:

201204840

126687.01/Moapa Paiute Farm Packing

Sample	ACM-005C	Lab Number	2012-04840- 15	Sampled:	5/17/2012	Condition:	acceptable				
Analyzed By	GBB	5/22/2012	An? OK	Apparent Smp Type	Insulation	Fibrous Mat					
Homogeneous	Yes	# Layers	1	Pos Layer?	No	# Sub-Samples	3				
Non-Fibrous Components (in approx. decreasing order): binder, glass, debris											
Layers		Percents of Each Fiber									
#	Layer Type	%	Color	Friability	Fib 1	Fib 2	Fib 3	Fib 4	Fib 5	Fib 6	
1	Insulation	100	yellow	3	90-100%	<=1%	-	-	-	-	
	Total %	100		Overall %	90-100%	<=1%	-	-	-	-	
		Fiber Identification: glass fiber cellulose fiber									
Fibers		Color	Mrph	Iso	Pleo	Bi	Elg	Ext	Refractive Index Determinations		
1	glass fiber	CL	D	Y					Oil	Col Par	Col Per
2	cellulose fiber	W	F	N	N	H	+	U	RI Par	RI Per	
3											
4											
5											
6											

Sample Analytical Note

Procedure: teased apart using forceps.

Fr=Friability: 1=very non-friable; 2= non-friable; 3=friable; 4=highly friable

Colors: B=black; BL=blue; BR=brown; CL=clear; G=Green; GY=gray; OR=orange; OW=off-white; PN=pink; PU=purple; R=red; TN=tan; W=white; Y=yellow; V=various

Fiber Morphology: A=fine fibers/bundles, white, sinewy, flexible; B=fine fibers/bundles, w-br, straight, broomed ends; C=fine fibers/bundles, blue, straight, broomed ends; D=fine to coarse fibers, CL-B, brittle; E=coarse fibers, CL or dyed, striated; F=coarse fibers or splinters, W-BR, ribbon-like; G=lath-like or shards, low aspect ratio, may taper

Iso=isotropism - may be yes or no; Pleo=pleochroism - may be yes or no; Bi=birefringence - may be None, Low, Medium or High

Elg=sign of elongation - may be +, - or B (both); Ext=extinction - may be Parallel, Oblique, None or Undulating; Oil=medium used to for dispersion staining

Col Par=dispersion staining colors parallel to the fiber (fiber/halo): b/w=black/white; dg/py=dark gray/pale yellow; vg/y=violet gray/yellow; db/y=dark blue/lemon yellow; vb/g=vivid blue/gold; sb/o=sky blue/orange; pb/r=pale blue/red; gb/dr=gray blue/dark red; w/b=white/black. Col Perp=same only perpendicular to fiber.

RI Par=re refractive index parallel to fiber; RI Perp=re refractive index perpendicular to fiber.

Analyst: GREG B. BEHNFELDT

Printed: 22-May-12

Original Print Date: 22-May-12

Larry S. Pierce, Approved Accreditation Signatory

FIBERQUANT

ANALYTICAL SERVICES

Fiberquant Analytical Services 5025 S. 33rd St.
Phoenix, AZ 85040; Phone: 602-276-6139; FAX: 602-276-4558;
info@fiberquant.com

Analysis Request/Chain-of-Custody Form

Submitted by (Company)	Kleinfelder		
Address	6380 S. Polaris Avenue		
City, State, Zip Code	Las Vegas, NV 89118		
Phone	702-736-2936	FAX	702-361-9094
Email	dburns@kleinfelder.com		
Invoice to (Company)	Kleinfelder		
Address	6380 S. Polaris Avenue		
City, State, Zip Code	Las Vegas, NV 89118		
Phone	702-260-5603	FAX	702-361-9094
Contact (print)	Daniel Burns		
Sampled by (signature)	<i>Daniel Burns</i>		
Job Number or Project Name	126687.01/ Moapa Paiute Farm Packing Plant		
PO Number	126687.01		

Asbestos by PLM	Improved <input checked="" type="checkbox"/>	Interim <input type="checkbox"/>	<6 hrs <input type="checkbox"/>	1-3 days <input checked="" type="checkbox"/>	15-30 days <input type="checkbox"/>
	Analyze <input checked="" type="checkbox"/> R&D <input type="checkbox"/> ATPF If edthen by Layer <input type="checkbox"/> or Sample <input type="checkbox"/>	Single Layer Protocol: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Fibers by PCM	7400(Area) <input type="checkbox"/>	ORM (Personal) <input type="checkbox"/>	<4 hr <input type="checkbox"/>	24hr <input type="checkbox"/>	3-5d <input type="checkbox"/>
	AIR: AHERA <input type="checkbox"/>	Mod. AHERA <input type="checkbox"/>			
Asbestos by TEM	Water*: Water <input type="checkbox"/> Sludge <input type="checkbox"/>	1-2d <input type="checkbox"/>	3-5d <input type="checkbox"/>	N/A <input type="checkbox"/>	
	Annex2 : Chatfield <input type="checkbox"/> Full <input type="checkbox"/>				
	Vacuum Dust (ASTM)			3-5d <input type="checkbox"/>	5-10d <input type="checkbox"/>
Pb by FLAA	Analyte: Pb Other	<6 hrs <input type="checkbox"/>	2-3 days <input type="checkbox"/>	N/A <input type="checkbox"/>	
	Matrix: Filter: MCE <input type="checkbox"/>				
	Paint: by Area <input type="checkbox"/> by Weight <input type="checkbox"/>				
	Soil <input type="checkbox"/>				
	Wipe <input type="checkbox"/>				
Initial here certifying wipes used are ASTM E1792 compliant <input type="checkbox"/>					
Fungi	Air Sample: Zef <input type="checkbox"/> Aller <input type="checkbox"/> Oth <input type="checkbox"/>	<6 hrs <input type="checkbox"/>	1-2 days <input type="checkbox"/>	N/A <input type="checkbox"/>	
	ID/Count: Bulk <input type="checkbox"/> Swab <input type="checkbox"/>				
	Tape: Qual (%) <input type="checkbox"/>				
	Tape:Quant (cm ²) <input type="checkbox"/>				
Other					
Dust	NIOSH 500 <input type="checkbox"/>	<4hr <input type="checkbox"/>	24h <input type="checkbox"/>	N/A <input type="checkbox"/>	
Other		Call <input type="checkbox"/>	Call <input type="checkbox"/>		

Sample Number	Description / Location	Sample Date	Sample Time	Vol/Area
1) ACM-001A	White insulation/Cooler Room 1, slide door	5/17/2012		
2) ACM-001B	White insulation/Cooler Room 2, west wall	5/17/2012		
3) ACM-001C	White Insulation/Cooler Room 1, west wall	5/17/2012		
4) ACM-002A	wall/ceiling wht/silver backed ylw insul/warehouse	5/17/2012		
5) ACM-002B	wall/ceiling wht/silver backed ylw insul/bagroom	5/17/2012		
6) ACM-002C	wall/ceiling wht/silver backed ylw insul/boiler room	5/17/2012		
7) ACM-003A	brn paperbacked yellow insul. elbow/boilerrm(BR)	5/17/2012		
8) ACM-003B	brn paperbacked yellow insul. low pipe run/BR	5/17/2012		
9) ACM-003C	brn paperbacked yellow insul. upper pipe run/BR	5/17/2012		
10) ACM-004A	Wastepile,brn paperback ylw insul./warehouse	5/17/2012		
11) ACM-004B	Wastepile,brn paperback ylw insul./BoilerRm Flr	5/17/2012		
12) ACM-004C	Wastepile,brn paperback ylw insul./Boiler trench	5/17/2012		
13) ACM-005A	yellow pipe insul./exterior pipe elbow @ grnhouse	5/17/2012		
14) ACM-005B	yellow pipe insulation/exterior pipe run	5/17/2012		
15) ACM-005C	yellow pipe insulation/exterior at tanks	5/17/2012		
16)				
17)				
18)				
19)				
20)				

1) Relinquished by: <i>Daniel Burns</i>	Date: 5/18/12	Time: 10:00	3) Relinquished by: UPS Airbill	Date: 5/21/12	Time: 10:00	
2) Received by: UPS Airbill	Date: 5/18/12	Time: 10:00	4) Received by: <i>Kathy Knobles</i>	Date: 5/21/12	Time: 9:37	
* TEM Water: Sampler's name Required by State of Arizona	Print Name			UPS		

Review of Analysis Request (Initials)

Note: Data completed by client (including number and identity of samples) is assumed to be correct until it is verified at time of sample preparation.
C:\MSOffice\Winword\FORMS\COC27Forms.doc created: 7/1/88; Version 27; current: 06-25-10 Rev: LSP Page 1 of 1

201204840

APPENDIX B

**ANALYTICAL DATA REPORTS AND CHAIN
OF CUSTODY FORMS
LEAD BASED PAINT**

FIBERQUANT

Z ANALYTICAL SERVICES

Atomic Absorption Spectrometer (AAS) Analysis of Paint

JobNumber: 201204842

Client:

KLEINFELDER INC

6380 S POLARIS AVE

LAS VEGAS, NV 89118-3821

Office Phone: (702) 736-2936

FAX: (702) 361-9094

Samples: 4 AA Rec: 5/21/2012 Method: Modified SW 846 3050b/7420 Pb in paint by weight AA Analysis

Client Job: 126687.01/Moapa Paiute Farm Pkg Plant PO Number: 126687.01

Report Date: 5/23/2012 Date Analyzed: 5/23/2012 Routing Number: -

Method and Analysis Information: Fiberquant Internal SOP: AA pw

The received samples were analyzed for Pb (total) using "Test Methods for Evaluating Solid Waste" (SW 846, December 1996 updates). The extraction/digestion method was SW 3050b. The analytical method is "flame atomic absorption, direct aspiration", SW 7420.. Briefly the procedures are as follows. The incoming paint samples are first homogenized by mixing and crushing. A sub-sample is weighed to 0.0001 gm into a 50ml centrifuge tube. To the run stream are added the quality assurance samples described below. Six mls of concentrated HNO3 and one ml of 30% H2O2 are added to each container. The tubes are capped and heated for 1 hour at 95 deg. C. After cooling, the contents of the centrifuge tube are brought up to exactly 25 mls, completing the digestion/extraction.

The sample and quality assurance extractions are then analyzed on a TJA M5 flame atomic absorption spectrometer. The wavelengths and other instrumental settings are set according to the manufacturer's recommendations, or as otherwise specified in the published method. Absorptions are recorded from sample and standard solutions. A calibration curve is fitted to at least three standard solutions, and the concentrations of the sample extracts are calculated from the curve. The ppm (ug/gm) and weight percent for each sample is calculated from the sub-sample weight, extract volume, and extract concentration.

The results from this analysis is generally compared to either the HUD guidelines, in which a sample is positive if it contains >0.5% (5000 ppm) Pb, or the Consumer Products Safety Commission (CPSC) limit, in which a paint or surface coating containing greater than 90 ppm is defined as lead-containing. The expected coefficient of variation for this method is approximately 20-30%. The results are reported to two significant figures. The Sample Reporting Limit (RL) listed below is twice the Sample Detection Limit, which is calculated for each sample from the experimentally determined Method Detection Limit. The limit of reliable quantitation is generally regarded as five to ten times the limit of detection. Therefore, samples smaller than 0.1 gm may give results too near the CPSC standard to be reliable. Problems in analysis or other information is provided in the "Analytical Notes" below. Blanks, if analyzed, are treated the same as samples and are not used for correcting non-blank results.

The following on-going quality assurance program was followed to ensure reproducible and dependable results: All analysts are degreed chemists trained extensively in-house for at least six months prior to un-supervised runs. Blank matrix samples are analyzed at a rate of 5% (at least one per run). Reference standards are analyzed at a rate of 5% (at least one per run), and compared to statistical records via control charts. Spiked matrix samples are analyzed at a rate of 5% (at least one per run), and compared to statistical records via control charts. Duplicate samples are analyzed at a rate of 5% (at least one per run), and compared to statistical records via control charts. For each instrumental run, the spectrometer is checked for sensitivity and stability. The calibration standards are made fresh weekly, and checked each run against a calibration verification standard from another source. All calculations are performed twice - once in a calibration spreadsheet, and once during the report generation, and also checked by hand. All quality checks performed for these samples were in control except as detailed in the "Analytical Notes" below. Fiberquant participates in the Environmental Lead Proficiency Analytical Testing (ELPAT) program, is accredited by AIHA-LAP, LLC for environmental lead in paint (Lab # 101593), and is recognized by the National Lead Laboratory Accreditation Program (NLLAP) for the analysis of Pb in paint. Accreditation does not imply endorsement by the EPA, any other United States governmental agency or any private agency or association. Each lab analysis refers only to the sample tested, and may not, due to the sampling process, be representative of the material sampled. This report may not be reproduced except in full, without the approval of Fiberquant Analytical Services.

Some results may have been calculated using client supplied data, such as volume or area sampled, for which Fiberquant assumes no liability for accuracy.

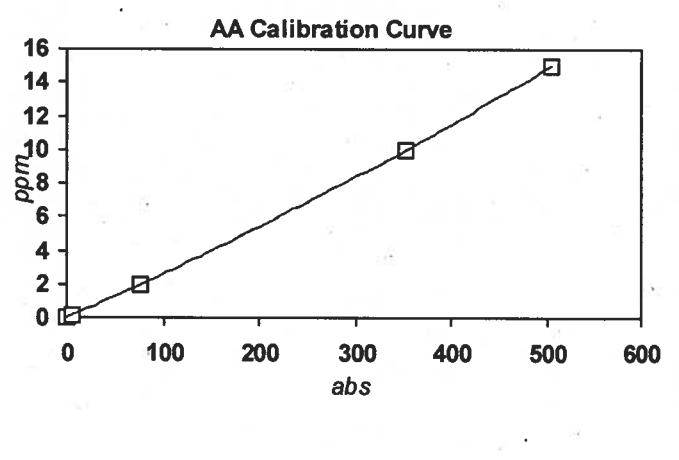
Job Analysis Notes:

Calibration Curve:**Pb****Run # 8606****5/22/2012**

Instrument: M5-2

Standards:	ppm	avg. mAbs.
1	0.13	5
2	2	77
3	10	353
4	15	505

ax2 0.00000898
 bx 0.02515842
 c 0.00387754
 R2 0.99999966

**Analysis Results:**

Job Number: 201204842

AApw

Lab Number	Client Number	Date	Condition	Weight (gm)	ug/ml	ml	Dil	Analyte	wt %	ppm	RL(ppm)
2012-04842- 1	LP-01	5/17/2012	acceptable	0.2417	0.20572	25	1	Pb	0.0021	21	13
2012-04842- 2	LP-02	5/17/2012	acceptable	0.0822	0.18043	25	1	Pb	0.0055	55	40
2012-04842- 3	LP-03	5/17/2012	acceptable	0.1886	9.90937	25	1	Pb	0.13	1300	17
2012-04842- 4	LP-04	5/17/2012	acceptable	0.1285	0.53616	25	1	Pb	0.01	100	25

Analyst: MARTIN A. ESQUER

Printed: 23-May-12

Original Print Date: 23-May-12

Larry S. Pierce, Approved Accreditation Signatory

FIBERQUANT

ANALYTICAL SERVICES

Fiberquant Analytical Services 5025 S. 33rd St.;
Phoenix, AZ 85040; Phone: 602-276-6139; FAX: 602-276-4558;
info@fiberquant.com

Analysis Request/Chain-of-Custody Form

Submitted by (Company) Kleinfelder

Address 6380 S. Polaris Avenue

City, State, Zip Code Las Vegas, NV 89118

Phone 702-736-2936 FAX 702-361-9094

Email dburns@kleinfelder.com

Invoice to (Company) Kleinfelder

Address 6380 S. Polaris Avenue

City, State, Zip Code Las Vegas, NV 89118

Phone 702-260-5603 FAX 702-361-9094

Contact (print) Daniel Burns

Sampled by (signature) Daniel BurnsJob Number or Project Name 126687.01/ Moapa Paiute Farm
Packing Plant

PO Number 126687.01

Analysis Method Requested ONLY ONE METHOD per COC		Turn-around-time (circle one)		
		Rush	Norm	Ext.
Asbestos by PLM	Improved <input type="checkbox"/> Interim <input type="checkbox"/> Analyze <input type="checkbox"/> All <input type="checkbox"/> ATPF If so then by Layer <input type="checkbox"/> or Sample <input type="checkbox"/> Single Layer Protocol Yes <input type="checkbox"/> No <input type="checkbox"/>	<6 hrs <input type="checkbox"/>	1-3 days <input checked="" type="checkbox"/>	15-30 days <input type="checkbox"/>
Fibers by PCM	7400(Area) <input type="checkbox"/> ORM (Personal) <input type="checkbox"/>	<4 hr <input type="checkbox"/>	24 hr <input type="checkbox"/>	3-5d <input type="checkbox"/>
Asbestos by TEM	AIR: AHERA <input type="checkbox"/> Mod. AHERA <input type="checkbox"/> Water*: Water <input type="checkbox"/> Sludge <input type="checkbox"/> Annex2 : Chatfield <input type="checkbox"/> Full <input type="checkbox"/>	<6hr <input type="checkbox"/>	24 hr <input type="checkbox"/>	3-5d <input type="checkbox"/>
	Vacuum Dust (ASTM)	1-2d <input type="checkbox"/>	3-5d <input type="checkbox"/>	5-10d <input type="checkbox"/>
Pb by FLAA	Analyte: Pb Other Matrix: Filter: MCE <input type="checkbox"/> Paint <input type="checkbox"/> by Area <input type="checkbox"/> Soil <input type="checkbox"/> Wipe <input type="checkbox"/> Initial here certifying wipes used are ASTM E1792 compliant <input type="checkbox"/>	6 hrs <input type="checkbox"/>	2-3 days <input checked="" type="checkbox"/>	N/A
Fungi	Air Sample: Zef <input type="checkbox"/> Aller <input type="checkbox"/> Oth <input type="checkbox"/> ID/Count: Bulk <input type="checkbox"/> Swab <input type="checkbox"/> Tape: Qual (%) <input type="checkbox"/> Tape: Quant (cm2) <input type="checkbox"/> Other	<6 hrs <input type="checkbox"/>	1-2 days <input type="checkbox"/>	N/A
Dust	NIOSH 500 <input type="checkbox"/>	<4hr <input type="checkbox"/>	24h <input type="checkbox"/>	N/A
Other		Call <input type="checkbox"/>	Call <input type="checkbox"/>	

Sample Number	Description/Location (check one box after Date)	Sample Date	Sample Time	Vol/Area
1) LP-01	white exterior - west side	5/17/12		
2) LP-02	redbrown interior steel frame	5/17/12		
3) LP-03	gray, interior rollup, N.end	5/17/12		
4) LP-04	white, interior Boiler room	5/17/12		
5)				
6)				
7)				
8)				
9)				
10)				
11)				
12)				
13)				
14)				
15)				
16)				
17)				
18)				
19)				
20)				

1) Relinquished by: <u>Daniel Burns</u>	Date: <u>5/18/2012</u>	Time: <u>10:00</u>	3) Relinquished by: UPS Airbill	Date: <u>5/18/12</u>	Time: <u>10:00 AM</u>
2) Received by: UPS Airbill	Date: <u>5/18/2012</u>	Time: <u>10:00</u>	4) Received by: <u>Kathy Knobbs</u>	Date: <u>5/21/12</u>	Time: <u>9:37</u>
* TEM Water: Sampler's name Required by State of Arizona	Print Name				

Review of Analysis Request (Initials) _____

Note: Data completed by client (including number and identity of samples) is assumed to be correct until it is verified at time of sample preparation.

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APPENDIX C

ANALYTICAL DATA REPORTS AND CHAIN OF CUSTODY FORMS DRUM AREA SOIL SAMPLES



Truth in Quality, Truth in Service

6245 Harrison Drive, Suite 4, Las Vegas, NV 89120

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CLIENT NAME: Kleinfelder
6380 S. Polaris Avenue
Las Vegas, NV 89118

PROJECT MGR: Dan Burns

CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048
DATE RECEIVED AT LAB: 16-May-12 16:30

Presented herein are the analytical results for samples received from the above referenced project.

Samples submitted for this project were not sampled by Veritas Laboratories. Unless otherwise noted, samples were received by Veritas Laboratories under a chain of custody in good condition, properly preserved, and within holding time for the requested analyses.

All laboratory analytical data presented herein was generated by a laboratory certified by the Nevada Division of Environmental Protection for each constituent and media reported for which a certification is required and offered.

Bruce G. Cunningham
Laboratory Director
Veritas Laboratories
Nevada Lab Certification ID NV00918

6/13/12

Date



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

CASE NARRATIVE

I. Sample Receipt/Sample Log-In

Samples were received intact with proper Chain of Custody documentation. Cooler temperature and sample preservation were verified upon receipt of samples, as applicable. No discrepancies or deficiencies were noted.

II. Analytical

Total Petroleum Hydrocarbons by EPA 8015M, Soil

Due to sample dilution, the TPH surrogates for sample Drum Area #1-1-6" (V12E048-01) were diluted out.

III. Quality Control

Total Petroleum Hydrocarbons by EPA 8015M, Aqueous

Matrix Spike Duplicate (MSD) recoveries and the Matrix Spike (MS)/MSD Relative Percent Difference (RPD) were outside laboratory control limits. The MSD surrogate compounds were outside laboratory control limits. However, the analytical batch was validated by the Laboratory Control Sample (LCS).

Volatile Organic Compounds by EPA 8260B, Soil

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) recoveries were outside laboratory control limits for certain analytes. However, the analytical batch was validated by the Laboratory Control Sample (LCS).

Volatile Organic Compounds by EPA 8260B, Aqueous

Laboratory Control Sample (LCS) and Matrix Spike (MS) recoveries were outside laboratory control limits for certain analytes. The Matrix Spike Duplicate (MSD) recoveries were acceptable for all compounds.

PCB's by EPA 8082, Soil

The Decachlorobiphenyl surrogate was outside laboratory control limits on the Method Blank.

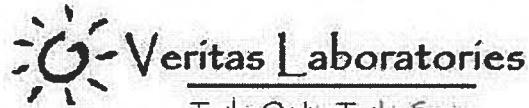
Semi-Volatile Organics, EPA 8270C, Aqueous

Laboratory Control Sample (LCS) spike recovery for 4-Nitrophenol was outside laboratory control limits.

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) Relative Percent Difference (RPD) was outside laboratory control limits for Benzidine.

Semi-Volatile Organics, Soil

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) Relative Percent Difference (RPD) was outside laboratory control limits for Bis (2-Ethylhexyl) phthalate.



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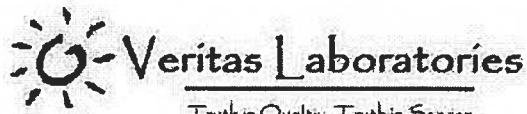
E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

CASE NARRATIVE (CONTINUED)

Total Metals by EPA 6010B, Soil

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) recoveries were outside laboratory control limits for Barium. However, the analytical batch was validated by the Laboratory Control Sample (LCS).



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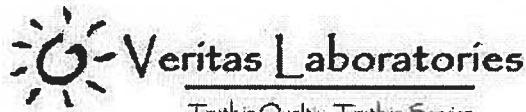
(702) 597-2098 Fax

Email: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

SAMPLE SUMMARY

CLIENT SAMPLE ID	VERITAS SAMPLE ID	MATRIX	DATE/TIME COLLECTED	DATE/TIME RECEIVED
Drum Area #1-1-6"	V12E048-01	Soil	5/16/12 13:45	5/16/12 16:30
Drum Area #1-2-6"	V12E048-02	Soil	5/16/12 13:48	5/16/12 16:30
Drum Rinseate	V12E048-03	Aqueous	5/16/12 14:00	5/16/12 16:30
Trip Blank	V12E048-04	Aqueous	5/16/12 14:00	5/16/12 16:30



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 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Area #1-1-6"

DATE/TIME SAMPLED: 5/16/12 13:45

VERITAS SAMPLE ID: V12E048-01

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Soil

Analysis: Polychlorinated Biphenyls

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
PCB 1016	ND	0.017	mg/Kg	1	EPA 8082	5/25/12	12674-11-2	
PCB 1221	ND	0.017	mg/Kg	1	EPA 8082	5/25/12	11104-28-2	
PCB 1232	ND	0.017	mg/Kg	1	EPA 8082	5/25/12	11141-16-5	
PCB 1242	ND	0.017	mg/Kg	1	EPA 8082	5/25/12	53469-21-9	
PCB 1248	ND	0.017	mg/Kg	1	EPA 8082	5/25/12	12672-29-6	
PCB 1254	ND	0.017	mg/Kg	1	EPA 8082	5/25/12	11097-69-1	
PCB 1260	ND	0.017	mg/Kg	1	EPA 8082	5/25/12	11096-82-5	
Surrogate: Decachlorobiphenyl	106	10-123	% Recovery	1	EPA 8082	5/25/12	2051-24-3	
Surrogate: Tetrachloro-m-xylene	108	15-114	% Recovery	1	EPA 8082	5/25/12	877-09-8	

Analysis: Semivolatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
1,2,4-Trichlorobenzene	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	120-82-1	
2,4,6-Trichlorophenol	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	88-06-2	
2,4-Dichlorophenol	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	120-83-2	
2,4-Dimethylphenol	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	105-67-9	
2,4-Dinitrophenol	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	51-28-5	
2,4-Dinitrotoluene	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	121-14-2	
2,6-Dinitrotoluene	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	606-20-2	
2-Chloronaphthalene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	91-58-7	
2-Chlorophenol	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	95-57-8	
2-Nitrophenol	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	88-75-5	
3,3-Dichlorobenzidine	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	91-94-1	
4,6-Dinitro-2-methylphenol	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	534-52-1	
4-Bromophenyl-phenylether	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	101-55-3	
4-Chloro-3-methylphenol	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	59-50-7	
4-Chlorophenyl-phenylether	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	7005-72-3	
4-Nitrophenol	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	100-02-7	
Acenaphthene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	83-32-9	
Acenaphthylene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	208-96-8	
Anthracene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	120-12-7	
Benzidine	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	92-87-5	



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Area #1-1-6"

DATE/TIME SAMPLED: 5/16/12 13:45

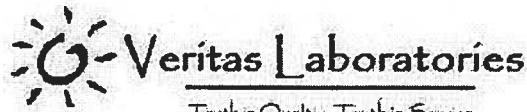
VERITAS SAMPLE ID: V12E048-01

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Soil

Analysis: Semivolatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Benzo(a)anthracene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	56-55-3	
Benzo(a)pyrene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	50-32-8	
Benzo(b)fluoranthene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	205-99-2	
Benzo(g,h,i)perylene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	191-24-2	
Benzo(k)fluoranthene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	207-08-9	
Benzylbutyl phthalate	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	85-68-7	
Bis(2-chlorethoxy)methane	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	111-91-1	
Bis(2-chloroethyl)ether	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	111-44-4	
Bis(2-chloroisopropyl)ether	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	108-60-1	
Bis(2-ethylhexyl)phthalate	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	117-81-7	
Chrysene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	218-01-9	
Dibenz(a,h)anthracene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	53-70-3	
Diethyl phthalate	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	84-66-2	
Dimethyl phthalate	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	131-11-3	
Di-n-butyl phthalate	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	84-74-2	
Di-n-octyl phthalate	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	117-84-0	
Fluoranthene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	206-44-0	
Fluorene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	86-73-7	
Hexachloro-1,3-butadiene	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	87-68-3	
Hexachlorobenzene	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	118-74-1	
Hexachlorocyclopentadiene	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	77-47-4	
Hexachloroethane	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	193-39-5	
Isophorone	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	78-59-1	
Naphthalene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	91-20-3	
Nitrobenzene	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	98-95-3	
n-Nitrosodimethylamine	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	62-75-9	
n-Nitrosodi-n-propylamine	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	621-64-7	
n-Nitrosodiphenylamine	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	86-30-6	
Pentachlorophenol	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	87-86-5	
Phenanthrene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	85-01-8	
Phenol	ND	6.7	mg/Kg	20	EPA 8270C	5/20/12	108-95-2	
Pyrene	ND	0.66	mg/Kg	20	EPA 8270C	5/20/12	129-00-0	
Surrogate: 2,4,6-Tribromophenol	97	16-136	% Recovery	20	EPA 8270C	5/20/12	118-79-6	
Surrogate: 2-Fluorobiphenyl	99	37-119	% Recovery	20	EPA 8270C	5/20/12	321-60-8	



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CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Area #1-1-6"

DATE/TIME SAMPLED: 5/16/12 13:45

VERITAS SAMPLE ID: V12E048-01

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Soil

Analysis: Semivolatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Surrogate: 2-Fluorophenol	75	22-114	% Recovery	20	EPA 8270C	5/20/12	367-12-4	
Surrogate: Nitrobenzene-d5	87	20-114	% Recovery	20	EPA 8270C	5/20/12	4165-60-0	
Surrogate: Phenol-d5	94	26-127	% Recovery	20	EPA 8270C	5/20/12	4165-62-2	
Surrogate: p-Terphenyl-d14	140	174-15	% Recovery	20	EPA 8270C	5/20/12	1718-51-0	

Analysis: Total Metals

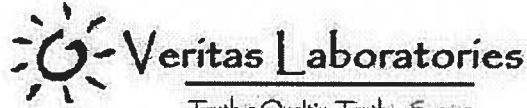
PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Arsenic, Total	5.9	3.0	mg/Kg	1	EPA 6010B	5/23/12	7440-38-2	
Barium, Total	120	0.30	mg/Kg	1	EPA 6010B	5/23/12	7440-39-3	
Cadmium, Total	0.59	0.30	mg/Kg	1	EPA 6010B	5/23/12	7440-43-9	
Chromium, Total	7.1	0.50	mg/Kg	1	EPA 6010B	5/23/12	7440-47-3	
Mercury, Total	ND	0.020	mg/Kg	1	EPA 7471	5/22/12	7439-97-6	
Lead, Total	7.1	1.5	mg/Kg	1	EPA 6010B	5/23/12	7439-92-1	
Selenium, Total	ND	5.0	mg/Kg	1	EPA 6010B	5/23/12	7782-49-2	
Silver, Total	ND	1.0	mg/Kg	1	EPA 6010B	5/23/12	7440-22-4	

Analysis: Total Petroleum Hydrocarbons by GC/FID

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Total TPH (C6-C35)	6500	1000	mg/Kg	100	Calculation	5/24/12	NA	
TPH-GRO (C6-C10)	ND	1000	mg/Kg	100	EPA 8015M	5/24/12	NA	
TPH-DRO (C10-C28)	ND	2000	mg/Kg	100	EPA 8015M	5/24/12	NA	
TPH-ORO (C28-C35)	6500	2000	mg/Kg	100	EPA 8015M	5/24/12	NA	
Surrogate: Bromofluorobenzene	70-130	% Recovery		100	EPA 8015M	5/24/12	460-00-4	DO
Surrogate: Pentacosane	70-130	% Recovery		100	EPA 8015M	5/24/12	629-99-2	DO

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Benzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	71-43-2	



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CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Area #1-1-6"

DATE/TIME SAMPLED: 5/16/12 13:45

VERITAS SAMPLE ID: V12E048-01

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Soil

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Bromoetherene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	108-86-1	
Bromodichloromethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-27-4	
Bromoform	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-25-2	
Bromomethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	74-83-9	
tert-Butylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	98-06-6	
sec-Butylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	135-98-8	
n-Butylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	104-51-8	
Carbon disulfide	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-15-0	
Carbon Tetrachloride	ND	50	ug/Kg	10	EPA 8260B	5/24/12	56-23-5	
Chlorobenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	108-90-7	
Chloroethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-00-3	
Chloroform	ND	50	ug/Kg	10	EPA 8260B	5/24/12	67-66-3	
Chloromethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	74-87-3	
2-Chlorotoluene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	95-49-8	
4-Chlorotoluene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	96-12-8	
Dibromochloromethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	124-48-1	
1,2-Dibromoethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	106-93-4	
Dibromomethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	74-95-3	
1,3-Dichlorobenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	541-73-1	
1,2-Dichlorobenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	95-50-1	
1,4-Dichlorobenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	106-46-7	
Dichlorodifluoromethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-71-8	
1,1-Dichloroethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-34-3	
1,2-Dichloroethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	107-06-2	
1,1-Dichloroethene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-35-4	
trans-1,2-Dichloroethene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	156-60-5	
cis-1,2-Dichloroethene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	156-59-4	
2,2-Dichloropropane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	594-20-7	
1,2-Dichloropropane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	78-87-5	
1,3-Dichloropropane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	142-28-9	
1,1-Dichloropropene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	563-58-6	
trans-1,3-Dichloropropene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	1006-10-26	
cis-1,3-Dichloropropene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	10061-01-5	
Ethylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	100-41-4	
Hexachlorobutadiene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	87-68-3	



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Area #1-1-6"

DATE/TIME SAMPLED: 5/16/12 13:45

VERITAS SAMPLE ID: V12E048-01

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Soil

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Isopropylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	98-82-8	
p-Isopropyltoluene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	99-87-6	
Methyl-tert-butyl ether	ND	50	ug/Kg	10	EPA 8260B	5/24/12	1634-04-4	
Methylene Chloride	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-09-2	
Naphthalene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	91-20-3	
n-Propylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	103-65-1	
Styrene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	79-34-5	
Tetrachloroethene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	127-18-4	
Toluene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	108-88-3	
1,2,4-Trichlorobenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	120-82-1	
1,2,3-Trichlorobenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	87-61-6	
1,1,1-Trichloroethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	71-55-6	
1,1,2-Trichloroethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	79-00-5	
Trichloroethene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	79-01-6	
Trichlorofluoromethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-69-4	
1,2,3-Trichloropropane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	96-18-4	
1,3,5- Trimethylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	108-67-8	
1,2,4- Trimethylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	526-73-8	
Vinyl chloride	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-01-4	
m,p-Xylene	ND	100	ug/Kg	10	EPA 8260B	5/24/12	108-38-3/106-42-3	
o-Xylene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	95-47-6	
Surrogate: 4-Bromofluorobenzene	100	70-130	% Recovery	1	EPA 8260B	5/24/12	460-00-4	
Surrogate: Dibromofluoromethane	81.4	70-130	% Recovery	1	EPA 8260B	5/24/12	1868-53-7	
Surrogate: 1,2-Dichloroethane-d4	73.4	70-130	% Recovery	1	EPA 8260B	5/24/12	10706-07-0	
Surrogate: Toluene-d8	89.0	70-130	% Recovery	1	EPA 8260B	5/24/12	2037-26-5	



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CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Area #1-2-6"

DATE/TIME SAMPLED: 5/16/12 13:48

VERITAS SAMPLE ID: V12E048-02

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Soil

Analysis: Polychlorinated Biphenyls

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
PCB 1016	ND	0.017	mg/Kg	1	EPA 8082	5/25/12	12674-11-2	
PCB 1221	ND	0.017	mg/Kg	1	EPA 8082	5/25/12	11104-28-2	
PCB 1232	ND	0.017	mg/Kg	1	EPA 8082	5/25/12	11141-16-5	
PCB 1242	ND	0.017	mg/Kg	1	EPA 8082	5/25/12	53469-21-9	
PCB 1248	ND	0.017	mg/Kg	1	EPA 8082	5/25/12	12672-29-6	
PCB 1254	ND	0.017	mg/Kg	1	EPA 8082	5/25/12	11097-69-1	
PCB 1260	ND	0.017	mg/Kg	1	EPA 8082	5/25/12	11096-82-5	
<i>Surrogate: Decachlorobiphenyl</i>	124	10-123	% Recovery	1	EPA 8082	5/25/12	2051-24-3	
<i>Surrogate: Tetrachloro-m-xylene</i>	118	15-114	% Recovery	1	EPA 8082	5/25/12	877-09-8	

Analysis: Semivolatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
1,2,4-Trichlorobenzene	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	120-82-1	
2,4,6-Trichlorophenol	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	88-06-2	
2,4-Dichlorophenol	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	120-83-2	
2,4-Dimethylphenol	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	105-67-9	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	51-28-5	
2,4-Dinitrotoluene	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	121-14-2	
2,6-Dinitrotoluene	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	606-20-2	
2-Chloronaphthalene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	91-58-7	
2-Chlorophenol	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	95-57-8	
2-Nitrophenol	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	88-75-5	
3,3-Dichlorobenzidine	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	91-94-1	
4,6-Dinitro-2-methylphenol	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	534-52-1	
4-Bromophenyl-phenylether	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	101-55-3	
4-Chloro-3-methylphenol	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	59-50-7	
4-Chlorophenyl-phenylether	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	7005-72-3	
4-Nitrophenol	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	100-02-7	
Acenaphthene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	83-32-9	
Acenaphthylene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	208-96-8	
Anthracene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	120-12-7	
Benzidine	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	92-87-5	



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Area #1-2-6"

DATE/TIME SAMPLED: 5/16/12 13:48

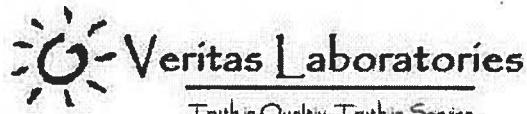
VERITAS SAMPLE ID: V12E048-02

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Soil

Analysis: Semivolatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Benzo(a)anthracene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	56-55-3	
Benzo(a)pyrene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	50-32-8	
Benzo(b)fluoranthene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	205-99-2	
Benzo(g,h,i)perylene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	191-24-2	
Benzo(k)fluoranthene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	207-08-9	
Benzylbutyl phthalate	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	85-68-7	
Bis(2-chlorethoxy)methane	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	111-91-1	
Bis(2-chloroethyl)ether	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	111-44-4	
Bis(2-chloroisopropyl)ether	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	108-60-1	
Bis(2-ethylhexyl)phthalate	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	117-81-7	
Chrysene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	218-01-9	
Dibenz(a,h)anthracene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	53-70-3	
Diethyl phthalate	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	84-66-2	
Dimethyl phthalate	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	131-11-3	
Di-n-butyl phthalate	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	84-74-2	
Di-n-octyl phthalate	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	117-84-0	
Fluoranthene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	206-44-0	
Fluorene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	86-73-7	
Hexachloro-1,3-butadiene	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	87-68-3	
Hexachlorobenzene	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	118-74-1	
Hexachlorocyclopentadiene	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	77-47-4	
Hexachloroethane	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	193-39-5	
Isophorone	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	78-59-1	
Naphthalene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	91-20-3	
Nitrobenzene	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	98-95-3	
n-Nitrosodimethylamine	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	62-75-9	
n-Nitrosodi-n-propylamine	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	621-64-7	
n-Nitrosodiphenylamine	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	86-30-6	
Pentachlorophenol	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	87-86-5	
Phenanthren	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	85-01-8	
Phenol	ND	0.33	mg/Kg	1	EPA 8270C	5/21/12	108-95-2	
Pyrene	ND	0.033	mg/Kg	1	EPA 8270C	5/21/12	129-00-0	
Surrogate: 2,4,6-Tribromophenol	110	16-136	% Recovery	1	EPA 8270C	5/21/12	118-79-6	
Surrogate: 2-Fluorobiphenyl	100	37-119	% Recovery	1	EPA 8270C	5/21/12	321-60-8	



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CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Area #1-2-6" DATE/TIME SAMPLED: 5/16/12 13:48
 VERITAS SAMPLE ID: V12E048-02 DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Soil

Analysis: Semivolatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Surrogate: 2-Fluorophenol	90	22-114	% Recovery	1	EPA 8270C	5/21/12	367-12-4	
Surrogate: Nitrobenzene-d5	96	20-114	% Recovery	1	EPA 8270C	5/21/12	4165-60-0	
Surrogate: Phenol-d5	98	26-127	% Recovery	1	EPA 8270C	5/21/12	4165-62-2	
Surrogate: p-Terphenyl-d14	97	174-15	% Recovery	1	EPA 8270C	5/21/12	1718-51-0	

Analysis: Total Metals

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Arsenic, Total	4.7	3.0	mg/Kg	1	EPA 6010B	5/23/12	7440-38-2	
Barium, Total	66	0.30	mg/Kg	1	EPA 6010B	5/23/12	7440-39-3	
Cadmium, Total	0.85	0.30	mg/Kg	1	EPA 6010B	5/23/12	7440-43-9	
Chromium, Total	7.9	0.50	mg/Kg	1	EPA 6010B	5/23/12	7440-47-3	
Mercury, Total	ND	0.020	mg/Kg	1	EPA 7471	5/22/12	7439-97-6	
Lead, Total	14	1.5	mg/Kg	1	EPA 6010B	5/23/12	7439-92-1	
Selenium, Total	ND	5.0	mg/Kg	1	EPA 6010B	5/23/12	7782-49-2	
Silver, Total	ND	1.0	mg/Kg	1	EPA 6010B	5/23/12	7440-22-4	

Analysis: Total Petroleum Hydrocarbons by GC/FID

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Total TPH (C6-C35)	ND	10	mg/Kg	1	Calculation	5/24/12	NA	
TPH-GRO (C6-C10)	ND	10	mg/Kg	1	EPA 8015M	5/24/12	NA	
TPH-DRO (C10-C28)	ND	20	mg/Kg	1	EPA 8015M	5/24/12	NA	
TPH-ORO (C28-C35)	ND	20	mg/Kg	1	EPA 8015M	5/24/12	NA	
Surrogate: Bromofluorobenzene	103	70-130	% Recovery	1	EPA 8015M	5/24/12	460-00-4	
Surrogate: Pentacosane	107	70-130	% Recovery	1	EPA 8015M	5/24/12	629-99-2	

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Benzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	71-43-2	



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CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Area #1-2-6"

DATE/TIME SAMPLED: 5/16/12 13:48

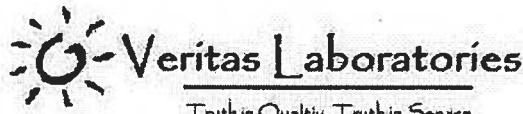
VERITAS SAMPLE ID: V12E048-02

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Soil

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Bromobenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	108-86-1	
Bromodichloromethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-27-4	
Bromoform	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-25-2	
Bromomethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	74-83-9	
tert-Butylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	98-06-6	
sec-Butylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	135-98-8	
n-Butylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	104-51-8	
Carbon disulfide	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-15-0	
Carbon Tetrachloride	ND	50	ug/Kg	10	EPA 8260B	5/24/12	56-23-5	
Chlorobenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	108-90-7	
Chloroethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-00-3	
Chloroform	ND	50	ug/Kg	10	EPA 8260B	5/24/12	67-66-3	
Chloromethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	74-87-3	
2-Chlorotoluene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	95-49-8	
4-Chlorotoluene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	96-12-8	
Dibromochloromethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	124-48-1	
1,2-Dibromoethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	106-93-4	
Dibromomethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	74-95-3	
1,3-Dichlorobenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	541-73-1	
1,2-Dichlorobenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	95-50-1	
1,4-Dichlorobenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	106-46-7	
Dichlorodifluoromethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-71-8	
1,1-Dichloroethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-34-3	
1,2-Dichloroethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	107-06-2	
1,1-Dichloroethene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-35-4	
trans-1,2-Dichloroethene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	156-60-5	
cis-1,2-Dichloroethene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	156-59-4	
2,2-Dichloropropane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	594-20-7	
1,2-Dichloropropane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	78-87-5	
1,3-Dichloropropane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	142-28-9	
1,1-Dichloropropene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	563-58-6	
trans-1,3-Dichloropropene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	1006-10-26	
cis-1,3-Dichloropropene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	10061-01-5	
Ethylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	100-41-4	
Hexachlorobutadiene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	87-68-3	



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 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Area #1-2-6"

DATE/TIME SAMPLED: 5/16/12 13:48

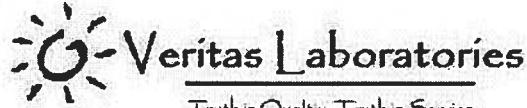
VERITAS SAMPLE ID: V12E048-02

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Soil

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Isopropylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	98-82-8	
p-Isopropyltoluene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	99-87-6	
Methyl-tert-butyl ether	ND	50	ug/Kg	10	EPA 8260B	5/24/12	1634-04-4	
Methylene Chloride	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-09-2	
Naphthalene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	91-20-3	
n-Propylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	103-65-1	
Styrene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	79-34-5	
Tetrachloroethene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	127-18-4	
Toluene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	108-88-3	
1,2,4-Trichlorobenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	120-82-1	
1,2,3-Trichlorobenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	87-61-6	
1,1,1-Trichloroethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	71-55-6	
1,1,2-Trichloroethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	79-00-5	
Trichloroethene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	79-01-6	
Trichlorofluoromethane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-69-4	
1,2,3-Trichloropropane	ND	50	ug/Kg	10	EPA 8260B	5/24/12	96-18-4	
1,3,5- Trimethylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	108-67-8	
1,2,4- Trimethylbenzene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	526-73-8	
Vinyl chloride	ND	50	ug/Kg	10	EPA 8260B	5/24/12	75-01-4	
m,p-Xylene	ND	100	ug/Kg	10	EPA 8260B	5/24/12	108-38-3/106-42-3	
o-Xylene	ND	50	ug/Kg	10	EPA 8260B	5/24/12	95-47-6	
<i>Surrogate: 4-Bromofluorobenzene</i>	93.0	70-130	% Recovery	1	EPA 8260B	5/24/12	460-00-4	
<i>Surrogate: Dibromofluoromethane</i>	79.7	70-130	% Recovery	1	EPA 8260B	5/24/12	1868-53-7	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	74.2	70-130	% Recovery	1	EPA 8260B	5/24/12	10706-07-0	
<i>Surrogate: Toluene-d8</i>	86.7	70-130	% Recovery	1	EPA 8260B	5/24/12	2037-26-5	



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Email: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Rinseate
 VERITAS SAMPLE ID: V12E048-03

DATE/TIME SAMPLED: 5/16/12 14:00

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Aqueous

Analysis: Polychlorinated Biphenyls

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
PCB 1016	ND	0.00050	mg/L	1	EPA 8082 A	5/23/12	12674-11-2	
PCB 1221	ND	0.00050	mg/L	1	EPA 8082 A	5/23/12	11104-28-2	
PCB 1232	ND	0.00050	mg/L	1	EPA 8082 A	5/23/12	11141-16-5	
PCB 1242	ND	0.00050	mg/L	1	EPA 8082 A	5/23/12	53469-21-9	
PCB 1248	ND	0.00050	mg/L	1	EPA 8082 A	5/23/12	12672-29-6	
PCB 1254	ND	0.00050	mg/L	1	EPA 8082 A	5/23/12	11097-69-1	
PCB 1260	ND	0.00050	mg/L	1	EPA 8082 A	5/23/12	11096-82-5	
Surrogate: Decachlorobiphenyl	31	19-116	% Recovery	1	EPA 8082 A	5/23/12	2051-24-3	
Surrogate: Tetrachloro-m-xylene	74	32-116	% Recovery	1	EPA 8082 A	5/23/12	877-09-8	

Analysis: Semivolatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
1,2,4-Trichlorobenzene	ND	0.010	mg/L	1	EPA 8270C	5/21/12	120-82-1	
2,4,6-Trichlorophenol	ND	0.010	mg/L	1	EPA 8270C	5/21/12	88-06-2	
2,4-Dichlorophenol	ND	0.010	mg/L	1	EPA 8270C	5/21/12	120-83-2	
2,4-Dimethylphenol	ND	0.010	mg/L	1	EPA 8270C	5/21/12	105-67-9	
2,4-Dinitrophenol	ND	0.010	mg/L	1	EPA 8270C	5/21/12	51-28-5	
2,4-Dinitrotoluene	ND	0.010	mg/L	1	EPA 8270C	5/21/12	121-14-2	
2,6-Dinitrotoluene	ND	0.010	mg/L	1	EPA 8270C	5/21/12	606-20-2	
2-Chloronaphthalene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	91-58-7	
2-Chlorophenol	ND	0.010	mg/L	1	EPA 8270C	5/21/12	95-57-8	
2-Nitrophenol	ND	0.010	mg/L	1	EPA 8270C	5/21/12	88-75-5	
3,3-Dichlorobenzidine	ND	0.010	mg/L	1	EPA 8270C	5/21/12	91-94-1	
4,6-Dinitro-2-methylphenol	ND	0.010	mg/L	1	EPA 8270C	5/21/12	534-52-1	
4-Bromophenyl-phenylether	ND	0.010	mg/L	1	EPA 8270C	5/21/12	101-55-3	
4-Chloro-3-methylphenol	ND	0.010	mg/L	1	EPA 8270C	5/21/12	59-50-7	
4-Chlorophenyl-phenylether	ND	0.010	mg/L	1	EPA 8270C	5/21/12	7005-72-3	
4-Nitrophenol	ND	0.010	mg/L	1	EPA 8270C	5/21/12	100-02-7	
Acenaphthene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	83-32-9	
Acenaphthylene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	208-96-8	
Anthracene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	120-12-7	
Benzidine	ND	0.010	mg/L	1	EPA 8270C	5/21/12	92-87-5	



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Rinseate
VERITAS SAMPLE ID: V12E048-03

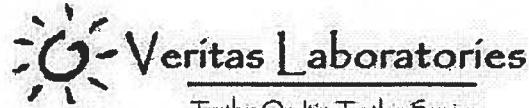
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DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Aqueous

Analysis: Semivolatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Benzo(a)anthracene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	56-55-3	
Benzo(a)pyrene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	50-32-8	
Benzo(b)fluoranthene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	205-99-2	
Benzo(g,h,i)perylene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	191-24-2	
Benzo(k)fluoranthene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	207-08-9	
Benzylbutyl phthalate	ND	0.0030	mg/L	1	EPA 8270C	5/21/12	85-68-7	
Bis(2-chlorethoxy)methane	ND	0.010	mg/L	1	EPA 8270C	5/21/12	111-91-1	
Bis(2-chloroethyl)ether	ND	0.010	mg/L	1	EPA 8270C	5/21/12	111-44-4	
Bis(2-chloroisopropyl)ether	ND	0.010	mg/L	1	EPA 8270C	5/21/12	108-60-1	
Bis(2-ethylhexyl)phthalate	ND	0.0030	mg/L	1	EPA 8270C	5/21/12	117-81-7	
Chrysene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	218-01-9	
Dibenz(a,h)anthracene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	53-70-3	
Diethyl phthalate	ND	0.0030	mg/L	1	EPA 8270C	5/21/12	84-66-2	
Dimethyl phthalate	ND	0.0050	mg/L	1	EPA 8270C	5/21/12	131-11-3	
Di-n-butyl phthalate	ND	0.0030	mg/L	1	EPA 8270C	5/21/12	84-74-2	
Di-n-octyl phthalate	ND	0.0030	mg/L	1	EPA 8270C	5/21/12	117-84-0	
Fluoranthene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	206-44-0	
Fluorene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	86-73-7	
Hexachloro-1,3-butadiene	ND	0.010	mg/L	1	EPA 8270C	5/21/12	87-68-3	
Hexachlorobenzene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	118-74-1	
Hexachlorocyclopentadiene	ND	0.010	mg/L	1	EPA 8270C	5/21/12	77-47-4	
Hexachloroethane	ND	0.010	mg/L	1	EPA 8270C	5/21/12	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	193-39-5	
Isophorone	ND	0.010	mg/L	1	EPA 8270C	5/21/12	78-59-1	
Naphthalene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	91-20-3	
Nitrobenzene	ND	0.010	mg/L	1	EPA 8270C	5/21/12	98-95-3	
n-Nitrosodimethylamine	ND	0.010	mg/L	1	EPA 8270C	5/21/12	62-75-9	
n-Nitrosodi-n-propylamine	ND	0.010	mg/L	1	EPA 8270C	5/21/12	621-64-7	
n-Nitrosodiphenylamine	ND	0.010	mg/L	1	EPA 8270C	5/21/12	86-30-6	
Pentachlorophenol	ND	0.010	mg/L	1	EPA 8270C	5/21/12	87-86-5	
Phenanthrene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	85-01-8	
Phenol	ND	0.010	mg/L	1	EPA 8270C	5/21/12	108-95-2	
Pyrene	ND	0.0010	mg/L	1	EPA 8270C	5/21/12	129-00-0	
Surrogate: 2,4,6-Tribromophenol	36	16-136	% Recovery	1	EPA 8270C	5/21/12	118-79-6	
Surrogate: 2-Fluorobiphenyl	90	37-119	% Recovery	1	EPA 8270C	5/21/12	321-60-8	



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 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Rinseate

DATE/TIME SAMPLED: 5/16/12 14:00

VERITAS SAMPLE ID: V12E048-03

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Aqueous

Analysis: Semivolatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Surrogate: 2-Fluorophenol	27	22-114	% Recovery	1	EPA 8270C	5/21/12	367-12-4	
Surrogate: Nitrobenzene-d5	83	20-114	% Recovery	1	EPA 8270C	5/21/12	4165-60-0	
Surrogate: Phenol-d5	19	26-127	% Recovery	1	EPA 8270C	5/21/12	4165-62-2	
Surrogate: p-Terphenyl-d14	92	174-15	% Recovery	1	EPA 8270C	5/21/12	1718-51-0	

Analysis: Total Metals

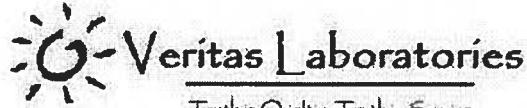
PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Arsenic, Total	ND	0.030	mg/L	1	EPA 6010B	5/22/12	7440-38-2	
Barium, Total	ND	0.0030	mg/L	1	EPA 6010B	5/22/12	7440-39-3	
Cadmium, Total	ND	0.0030	mg/L	1	EPA 6010B	5/22/12	7440-43-9	
Chromium, Total	ND	0.0050	mg/L	1	EPA 6010B	5/22/12	7440-47-3	
Mercury, Total	ND	0.0002	mg/L	1	EPA 7470A	5/16/12	7439-97-6	
Lead, Total	ND	0.015	mg/L	1	EPA 6010B	5/22/12	7439-92-1	
Selenium, Total	ND	0.050	mg/L	1	EPA 6010B	5/22/12	7782-49-2	
Silver, Total	ND	0.010	mg/L	1	EPA 6010B	5/22/12	7440-22-4	

Analysis: Total Petroleum Hydrocarbons by GC/FID

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Total TPH (C6-C35)	ND	1.0	mg/L	1	Calculation	5/23/12	NA	
TPH-GRO (C6-C10)	ND	1.0	mg/L	1	EPA 8015M	5/23/12	NA	
TPH-DRO (C10-C28)	ND	1.0	mg/L	1	EPA 8015M	5/23/12	NA	
TPH-ORO (C28-C35)	ND	1.0	mg/L	1	EPA 8015M	5/23/12	NA	
Surrogate: Bromofluorobenzene	98.4	70-130	% Recovery	1	EPA 8015M	5/23/12	460-00-4	
Surrogate: Pentacosane	98.8	70-130	% Recovery	1	EPA 8015M	5/23/12	629-99-2	

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Benzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	71-43-2	



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CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Rinseate

DATE/TIME SAMPLED: 5/16/12 14:00

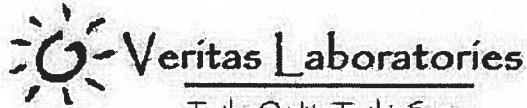
VERITAS SAMPLE ID: V12E048-03

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Aqueous

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Bromobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-86-1	
Bromodichloromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-27-4	
Bromoform	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-25-2	
Bromomethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	74-83-9	
tert-Butylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	98-06-6	
sec-Butylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	135-98-8	
n-Butylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	104-51-8	
Carbon disulfide	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-15-0	
Carbon Tetrachloride	ND	5.0	ug/L	1	EPA 8260B	5/23/12	56-23-5	
Chlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-90-7	
Chloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-00-3	
Chloroform	ND	5.0	ug/L	1	EPA 8260B	5/23/12	67-66-3	
Chloromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	74-87-3	
2-Chlorotoluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	95-49-8	
4-Chlorotoluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	96-12-8	
Dibromochloromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	124-48-1	
1,2-Dibromoethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	106-93-4	
Dibromomethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	74-95-3	
1,3-Dichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	541-73-1	
1,2-Dichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	95-50-1	
1,4-Dichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	106-46-7	
Dichlorodifluoromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-71-8	
1,1-Dichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-34-3	
1,2-Dichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	107-06-2	
1,1-Dichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-35-4	
trans-1,2-Dichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	156-60-5	
cis-1,2-Dichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	156-59-4	
2,2-Dichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	594-20-7	
1,2-Dichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	78-87-5	
1,3-Dichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	142-28-9	
1,1-Dichloropropene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	563-58-6	
trans-1,3-Dichloropropene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	10061-02-6	
cis-1,3-Dichloropropene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	10061-01-5	
Ethylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	100-41-4	
Hexachlorobutadiene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	87-68-3	



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CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Drum Rinseate

DATE/TIME SAMPLED: 5/16/12 14:00

VERITAS SAMPLE ID: V12E048-03

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Aqueous

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Isopropylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	98-82-8	
p-Isopropyltoluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	99-87-6	
Methyl-tert-butyl ether	ND	5.0	ug/L	1	EPA 8260B	5/23/12	1634-04-4	
Methylene Chloride	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-09-2	
Naphthalene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	91-20-3	
n-Propylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	103-65-1	
Styrene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	79-34-5	
Tetrachloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	127-18-4	
Toluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-88-3	
1,2,4-Trichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	120-82-1	
1,2,3-Trichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	87-61-6	
1,1,1-Trichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	71-55-6	
1,1,2-Trichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	79-00-5	
Trichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	79-01-6	
Trichlorofluoromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-69-4	
1,2,3-Trichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	96-18-4	
1,3,5- Trimethylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-67-8	
1,2,4- Trimethylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	526-73-8	
Vinyl chloride	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-01-4	
m,p-Xylene	ND	10	ug/L	1	EPA 8260B	5/23/12	108-38-3/106-42-3	
o-Xylene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	95-47-6	
Surrogate: 4-Bromofluorobenzene	90.5	70-130	% Recovery	1	EPA 8260B	5/23/12	460-00-4	
Surrogate: Dibromofluoromethane	79.3	70-130	% Recovery	1	EPA 8260B	5/23/12	1868-53-7	
Surrogate: 1,2-Dichloroethane-d4	75.4	70-130	% Recovery	1	EPA 8260B	5/23/12	10706-07-0	
Surrogate: Toluene-d8	84.5	70-130	% Recovery	1	EPA 8260B	5/23/12	2037-26-5	



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E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Trip Blank

DATE/TIME SAMPLED: 5/16/12 14:00

VERITAS SAMPLE ID: V12E048-04

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Aqueous

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Benzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	71-43-2	
Bromobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-86-1	
Bromodichloromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-27-4	
Bromoform	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-25-2	
Bromomethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	74-83-9	
tert-Butylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	98-06-6	
sec-Butylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	135-98-8	
n-Butylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	104-51-8	
Carbon disulfide	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-15-0	
Carbon Tetrachloride	ND	5.0	ug/L	1	EPA 8260B	5/23/12	56-23-5	
Chlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-90-7	
Chloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-00-3	
Chloroform	ND	5.0	ug/L	1	EPA 8260B	5/23/12	67-66-3	
Chloromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	74-87-3	
2-Chlorotoluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	95-49-8	
4-Chlorotoluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	96-12-8	
Dibromochloromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	124-48-1	
1,2-Dibromoethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	106-93-4	
Dibromomethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	74-95-3	
1,3-Dichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	541-73-1	
1,2-Dichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	95-50-1	
1,4-Dichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	106-46-7	
Dichlorodifluoromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-71-8	
1,1-Dichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-34-3	
1,2-Dichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	107-06-2	
1,1-Dichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-35-4	
trans-1,2-Dichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	156-60-5	
cis-1,2-Dichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	156-59-4	
2,2-Dichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	594-20-7	
1,2-Dichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	78-87-5	
1,3-Dichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	142-28-9	
1,1-Dichloropropene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	563-58-6	
trans-1,3-Dichloropropene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	10061-02-6	
cis-1,3-Dichloropropene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	10061-01-5	
Ethylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	100-41-4	



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

CLIENT SAMPLE ID: Trip Blank

DATE/TIME SAMPLED: 5/16/12 14:00

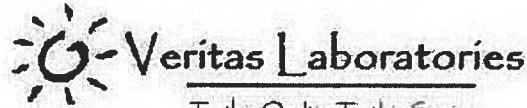
VERITAS SAMPLE ID: V12E048-04

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Aqueous

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Hexachlorobutadiene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	87-68-3	
Isopropylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	98-82-8	
p-Isopropyltoluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	99-87-6	
Methyl-tert-butyl ether	ND	5.0	ug/L	1	EPA 8260B	5/23/12	1634-04-4	
Methylene Chloride	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-09-2	
Naphthalene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	91-20-3	
n-Propylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	103-65-1	
Styrene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	79-34-5	
Tetrachloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	127-18-4	
Toluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-88-3	
1,2,4-Trichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	120-82-1	
1,2,3-Trichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	87-61-6	
1,1,1-Trichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	71-55-6	
1,1,2-Trichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	79-00-5	
Trichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	79-01-6	
Trichlorofluoromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-69-4	
1,2,3-Trichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	96-18-4	
1,3,5- Trimethylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-67-8	
1,2,4- Trimethylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	526-73-8	
Vinyl chloride	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-01-4	
m,p-Xylene	ND	10	ug/L	1	EPA 8260B	5/23/12	108-38-3/106-42-3	
o-Xylene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	95-47-6	
Surrogate: 4-Bromofluorobenzene	91.4	70-130	% Recovery	1	EPA 8260B	5/23/12	460-00-4	
Surrogate: Dibromofluoromethane	79.2	70-130	% Recovery	1	EPA 8260B	5/23/12	1868-53-7	
Surrogate: 1,2-Dichloroethane-d4	76.9	70-130	% Recovery	1	EPA 8260B	5/23/12	10706-07-0	
Surrogate: Toluene-d8	84.0	70-130	% Recovery	1	EPA 8260B	5/23/12	2037-26-5	



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CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Polychlorinated Biphenyls - Quality Control

Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch WG593946 - METHOD

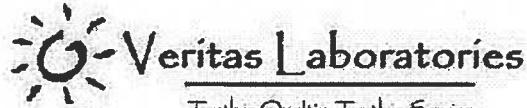
BLANK (WG593946-BLK1)				Analyzed: 23-May-12						
PCB 1016	ND	0.00050	mg/L							-
PCB 1221	ND	0.00050	mg/L							-
PCB 1232	ND	0.00050	mg/L							-
PCB 1242	ND	0.00050	mg/L							-
PCB 1248	ND	0.00050	mg/L							-
PCB 1254	ND	0.00050	mg/L							-
PCB 1260	ND	0.00050	mg/L							-
Surrogate: Decachlorobiphenyl	61.06		mg/L		61.06		10-122.6			
Surrogate: Tetrachloro-m-xylene	78.09		mg/L		78.09		15-114			

LCS (WG593946-LCS1)				Analyzed: 23-May-12						
PCB 1016	0.00033	0.00050	mg/L	0.0005	65.8					-
PCB 1260	0.00035	0.00050	mg/L	0.0005	70.1	72-130				20
Surrogate: Decachlorobiphenyl	52.43		mg/L		52.43	10-123				
Surrogate: Tetrachloro-m-xylene	64.96		mg/L		64.96	15-114				

LCSD (WG593946-LCSD1)				Analyzed: 23-May-12						
PCB 1016	0.00032	0.00050	mg/L	0.0005	64.0	-	2.54			
PCB 1260	0.00036	0.00050	mg/L	0.0005	72.0	72-130	2.23			20
Surrogate: Decachlorobiphenyl	55.92		mg/L		55.92	10-123				
Surrogate: Tetrachloro-m-xylene	70.98		mg/L		70.98	15-114				

Batch WG594435 - METHOD

BLANK (WG594435-BLK1)				Analyzed: 25-May-12						
PCB 1016	ND	0.017	mg/Kg							-
PCB 1221	ND	0.017	mg/Kg							-
PCB 1232	ND	0.017	mg/Kg							-
PCB 1242	ND	0.017	mg/Kg							-
PCB 1248	ND	0.017	mg/Kg							-
PCB 1254	ND	0.017	mg/Kg							-
PCB 1260	ND	0.017	mg/Kg							-
Surrogate: Decachlorobiphenyl	117.9		mg/Kg		117.9	19-116				S



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CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Polychlorinated Biphenyls - Quality Control

Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch WG594435 - METHOD

BLANK (WG594435-BLK1)

Surrogate: Tetrachloro-m-xylene	108.9	mg/Kg	108.9	31.8-115.7
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Analyzed: 25-May-12

LCS (WG594435-LCS1)

PCB 1016	0.18	0.017	mg/Kg	0.167	107	-	
PCB 1260	0.20	0.017	mg/Kg	0.167	122	72-130	20
Surrogate: Decachlorobiphenyl	90.06		mg/Kg		90.06	18.9-115.8	
Surrogate: Tetrachloro-m-xylene	108.3		mg/Kg		108.3	31.8-115.7	

Analyzed: 25-May-12

LCSD (WG594435-LCSD1)

PCB 1016	0.18	0.017	mg/Kg	0.167	106	-	0.829	
PCB 1260	0.20	0.017	mg/Kg	0.167	123	72-130	0.614	20
Surrogate: Decachlorobiphenyl	93.50		mg/Kg		93.50	18.9-115.8		
Surrogate: Tetrachloro-m-xylene	107.3		mg/Kg		107.3	31.8-115.7		

Analyzed: 25-May-12

MS (WG594435-MS1)

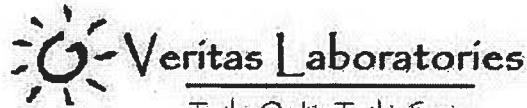
PCB 1016	0.15	0.017	mg/Kg	0.167	ND	90.7	-	
PCB 1260	0.16	0.017	mg/Kg	0.167	ND	93.5	10-175	23
Surrogate: Decachlorobiphenyl	98.48		mg/Kg		ND	98.48	18.9-115.8	
Surrogate: Tetrachloro-m-xylene	113.7		mg/Kg		ND	113.7	31.8-115.7	

Source: L576271-01 Analyzed: 25-May-12

MSD (WG594435-MSD1)

PCB 1016	0.14	0.017	mg/Kg	0.167	ND	86.6	-	4.57	
PCB 1260	0.15	0.017	mg/Kg	0.167	ND	92.6	10-175	1.01	23
Surrogate: Decachlorobiphenyl	75.96		mg/Kg		ND	75.96	18.9-115.8		
Surrogate: Tetrachloro-m-xylene	107.4		mg/Kg		ND	107.4	31.8-115.7		

Source: L576271-01 Analyzed: 25-May-12



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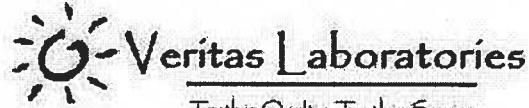
E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Semivolatile Organic Compounds - Quality Control

Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG593487 - METHOD										
BLANK (WG593487-BLK1)										
Analyzed: 21-May-12										
1,2,4-Trichlorobenzene	ND	0.010	mg/L				-			
2,4,6-Trichlorophenol	ND	0.010	mg/L				-			
2,4-Dichlorophenol	ND	0.010	mg/L				-			
2,4-Dimethylphenol	ND	0.010	mg/L				-			
2,4-Dinitrophenol	ND	0.010	mg/L				-			
2,4-Dinitrotoluene	ND	0.010	mg/L				-			
2,6-Dinitrotoluene	ND	0.010	mg/L				-			
2-Chloronaphthalene	ND	0.0010	mg/L				-			
2-Chlorophenol	ND	0.010	mg/L				-			
2-Nitrophenol	ND	0.010	mg/L				-			
3,3-Dichlorobenzidine	ND	0.010	mg/L				-			
4,6-Dinitro-2-methylphenol	ND	0.010	mg/L				-			
4-Bromophenyl-phenylether	ND	0.010	mg/L				-			
4-Chloro-3-methylphenol	ND	0.010	mg/L				-			
4-Chlorophenyl-phenylether	ND	0.010	mg/L				-			
4-Nitrophenol	ND	0.010	mg/L				-			
Acenaphthene	ND	0.0010	mg/L				-			
Acenaphthylene	ND	0.0010	mg/L				-			
Anthracene	ND	0.0010	mg/L				-			
Benzidine	ND	0.010	mg/L				-			
Benzo(a)anthracene	ND	0.0010	mg/L				-			
Benzo(a)pyrene	ND	0.0010	mg/L				-			
Benzo(b)fluoranthene	ND	0.0010	mg/L				-			
Benzo(g,h,i)perylene	ND	0.0010	mg/L				-			
Benzo(k)fluoranthene	ND	0.0010	mg/L				-			
Benzylbutyl phthalate	ND	0.0030	mg/L				-			
Bis(2-chlorethoxy)methane	ND	0.010	mg/L				-			
Bis(2-chloroethyl)ether	ND	0.010	mg/L				-			
Bis(2-chloroisopropyl)ether	ND	0.010	mg/L				-			
Bis(2-Ethylhexyl)phthalate	ND	0.0030	mg/L				-			
Chrysene	ND	0.0010	mg/L				-			
Dibenz(a,h)anthracene	ND	0.0010	mg/L				-			



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CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Semivolatile Organic Compounds - Quality Control

Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG593487 - METHOD										
BLANK (WG593487-BLK1)										
Analyzed: 21-May-12										
Diethyl phthalate	ND	0.0030	mg/L					-		
Dimethyl phthalate	ND	0.0050	mg/L					-		
Di-n-butyl phthalate	ND	0.0030	mg/L					-		
Di-n-octyl phthalate	ND	0.0030	mg/L					-		
Fluoranthene	ND	0.0010	mg/L					-		
Fluorene	ND	0.0010	mg/L					-		
Hexachloro-1,3-butadiene	ND	0.010	mg/L					-		
Hexachlorobenzene	ND	0.0010	mg/L					-		
Hexachlorocyclopentadiene	ND	0.010	mg/L					-		
Hexachloroethane	ND	0.010	mg/L					-		
Indeno(1,2,3-cd)pyrene	ND	0.0010	mg/L					-		
Isophorone	ND	0.010	mg/L					-		
Naphthalene	ND	0.0010	mg/L					-		
Nitrobenzene	ND	0.010	mg/L					-		
n-Nitrosodimethylamine	ND	0.010	mg/L					-		
n-Nitrosodi-n-propylamine	ND	0.010	mg/L					-		
n-Nitrosodiphenylamine	ND	0.010	mg/L					-		
Pentachlorophenol	ND	0.0010	mg/L					-		
Phenanthrene	ND	0.0010	mg/L					-		
Phenol	ND	0.010	mg/L					-		
Pyrene	ND	0.0010	mg/L					-		
<i>Surrogate: 2,4,6-Tribromophenol</i>	63.26		mg/L		63.26		16-147			
<i>Surrogate: 2-Fluorobiphenyl</i>	97.41		mg/L		97.41		29-127			
<i>Surrogate: 2-Fluorophenol</i>	46.15		mg/L		46.15		10-75			
<i>Surrogate: Nitrobenzene-d5</i>	102.3		mg/L		102.3		17-119			
<i>Surrogate: Phenol-d5</i>	31.98		mg/L		31.98		10-63			
<i>Surrogate: p-Terphenyl-d14</i>	102.2		mg/L		102.2		40-174			



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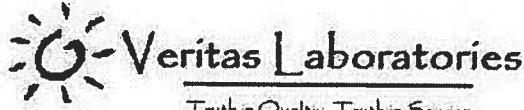
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E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Semivolatile Organic Compounds - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG593487 - METHOD										
LCS (WG593487-LCS1)										
Analyzed: 21-May-12										
1,2,4-Trichlorobenzene	0.0072	0.010	mg/L	0.010		72.1	18-130		32	
2,4,6-Trichlorophenol	0.0056	0.010	mg/L	0.010		56.5	12-147		40	
2,4-Dichlorophenol	0.0060	0.010	mg/L	0.010		60.6	10-157		40	
2,4-Dimethylphenol	0.0066	0.010	mg/L	0.010		66.3	19-160		40	
2,4-Dinitrophenol	0.0057	0.010	mg/L	0.010		57.2	10-135		40	
2,4-Dinitrotoluene	0.0082	0.010	mg/L	0.010		81.9	30-168		32	
2,6-Dinitrotoluene	0.0080	0.010	mg/L	0.010		79.6	32-163		30	
2-Chloronaphthalene	0.0081	0.0010	mg/L	0.010		80.9	29-149		34	
2-Chlorophenol	0.0055	0.010	mg/L	0.010		55.4	16-129		40	
2-Nitrophenol	0.0064	0.010	mg/L	0.010		64.2	14-158		40	
3,3-Dichlorobenzidine	0.0080	0.010	mg/L	0.010		80.0	42-150		29	
4,6-Dinitro-2-methylphenol	0.0088	0.010	mg/L	0.010		87.9	10-164		40	
4-Bromophenyl-phenylether	0.0091	0.010	mg/L	0.010		90.8	40-166		36	
4-Chloro-3-methylphenol	0.0058	0.010	mg/L	0.010		58.3	14-158		40	
4-Chlorophenyl-phenylether	0.0085	0.010	mg/L	0.010		84.7	39-155		33	
4-Nitrophenol	0.00099	0.010	mg/L	0.010		9.90	10-61		40	S
Acenaphthene	0.0087	0.0010	mg/L	0.010		86.7	37-159		30	
Acenaphthylene	0.0079	0.0010	mg/L	0.010		79.3	34-162		31	
Anthracene	0.0095	0.0010	mg/L	0.010		95.5	48-167		26	
Benzidine	0.0030	0.010	mg/L	0.010		30.5	10-86		40	
Benzo(a)anthracene	0.0090	0.0010	mg/L	0.010		90.4	46-167		29	
Benzo(a)pyrene	0.0082	0.0010	mg/L	0.010		81.9	39-167		29	
Benzo(b)fluoranthene	0.0083	0.0010	mg/L	0.010		83.1	39-173		32	
Benzo(g,h,i)perylene	0.0080	0.0010	mg/L	0.010		79.9	42-181		30	
Benzo(k)fluoranthene	0.0092	0.0010	mg/L	0.010		91.7	42-178		33	
Benzylbutyl phthalate	0.0091	0.0030	mg/L	0.010		90.9	10-178		40	
Bis(2-chlorethoxy)methane	0.0083	0.010	mg/L	0.010		83.2	34-155		31	
Bis(2-chloroethyl)ether	0.0073	0.010	mg/L	0.010		72.7	22-149		38	
Bis(2-chloroisopropyl)ether	0.0074	0.010	mg/L	0.010		74.6	26-149		34	
Bis(2-Ethylhexyl)phthalate	0.010	0.0030	mg/L	0.010		101	42-191		33	
Chrysene	0.0096	0.0010	mg/L	0.010		95.6	46-170		30	
Dibenz(a,h)anthracene	0.0078	0.0010	mg/L	0.010		78.4	43-187		31	



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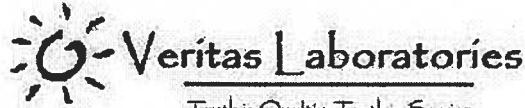
E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Semivolatile Organic Compounds - Quality Control

Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG593487 - METHOD										
LCS (WG593487-LCS1)										
Analyzed: 21-May-12										
Diethyl phthalate	0.0095	0.0030	mg/L	0.010		95.1	10-182		35	
Dimethyl phthalate	0.010	0.0030	mg/L	0.010		102	10-165		37	
Di-n-butyl phthalate	0.010	0.0030	mg/L	0.010		103	33-175		39	
Di-n-octyl phthalate	0.0089	0.0030	mg/L	0.010		89.2	40-170		28	
Fluoranthene	0.0098	0.0010	mg/L	0.010		98.2	46-171		37	
Fluorene	0.0088	0.0010	mg/L	0.010		88.6	39-163		36	
Hexachloro-1,3-butadiene	0.0072	0.010	mg/L	0.010		72.5	18-136		30	
Hexachlorobenzene	0.0085	0.0010	mg/L	0.010		84.6	38-163		35	
Hexachlorocyclopentadiene	0.0016	0.010	mg/L	0.010		16.5	10-142		40	
Hexachloroethane	0.0063	0.010	mg/L	0.010		63.3	10-130		39	
Indeno(1,2,3-cd)pyrene	0.0080	0.0010	mg/L	0.010		79.6	42-184		32	
Isophorone	0.0085	0.010	mg/L	0.010		84.6	36-166		35	
Naphthalene	0.0080	0.0010	mg/L	0.010		80.0	26-147		31	
Nitrobenzene	0.0084	0.010	mg/L	0.010		83.8	22-154		37	
n-Nitrosodimethylamine	0.0049	0.010	mg/L	0.010		49.4	10-96		36	
n-Nitrosodi-n-propylamine	0.0084	0.010	mg/L	0.010		84.3	27-157		31	
n-Nitrosodiphenylamine	0.0092	0.010	mg/L	0.010		92.3	41-168		37	
Pentachlorophenol	0.0028	0.0010	mg/L	0.010		28.4	10-128		40	
Phenanthrene	0.0095	0.0010	mg/L	0.010		95.2	46-163		29	
Phenol	0.0036	0.010	mg/L	0.010		36.3	10-69		40	
Pyrene	0.0088	0.0010	mg/L	0.010		88.4	45-176		28	
Surrogate: 2,4,6-Tribromophenol	63.28		mg/L			63.28	16-147			
Surrogate: 2-Fluorobiphenyl	80.34		mg/L			80.34	29-127			
Surrogate: 2-Fluorophenol	38.82		mg/L			38.82	10-75			
Surrogate: Nitrobenzene-d5	89.40		mg/L			89.40	17-119			
Surrogate: Phenol-d5	27.25		mg/L			27.25	10-63			
Surrogate: p-Terphenyl-d14	88.28		mg/L			88.28	40-174			



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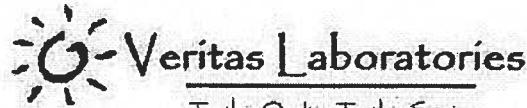
E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Semivolatile Organic Compounds - Quality Control

Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG593487 - METHOD										
LCSD (WG593487-LCSD1)										
Analyzed: 21-May-12										
1,2,4-Trichlorobenzene	0.0071	0.010	mg/L	0.010	71.0	18-130	1.07	32		
2,4,6-Trichlorophenol	0.0060	0.010	mg/L	0.010	60.0	12-147	6.50	40		
2,4-Dichlorophenol	0.0062	0.010	mg/L	0.010	62.0	10-157	2.52	40		
2,4-Dimethylphenol	0.0068	0.010	mg/L	0.010	69.0	19-160	3.36	40		
2,4-Dinitrophenol	0.0058	0.010	mg/L	0.010	58.0	10-135	2.18	40		
2,4-Dinitrotoluene	0.0075	0.010	mg/L	0.010	75.0	30-168	8.22	32		
2,6-Dinitrotoluene	0.0075	0.010	mg/L	0.010	75.0	32-163	5.81	30		
2-Chloronaphthalene	0.0077	0.0010	mg/L	0.010	77.0	29-149	5.16	34		
2-Chlorophenol	0.0054	0.010	mg/L	0.010	54.0	16-129	1.79	40		
2-Nitrophenol	0.0066	0.010	mg/L	0.010	66.0	14-158	2.54	40		
3,3-Dichlorobenzidine	0.0075	0.010	mg/L	0.010	75.0	42-150	6.59	29		
4,6-Dinitro-2-methylphenol	0.0092	0.010	mg/L	0.010	92.0	10-164	4.08	40		
4-Bromophenyl-phenylether	0.0083	0.010	mg/L	0.010	83.0	40-166	9.23	36		
4-Chloro-3-methylphenol	0.0062	0.010	mg/L	0.010	62.0	14-158	6.95	40		
4-Chlorophenyl-phenylether	0.0080	0.010	mg/L	0.010	80.0	39-155	5.42	33		
4-Nitrophenol	0.0010	0.010	mg/L	0.010	10.0	10-61	4.89	40		
Acenaphthene	0.0077	0.0010	mg/L	0.010	77.0	37-159	12.2	30		
Acenaphthylene	0.0075	0.0010	mg/L	0.010	75.0	34-162	6.00	31		
Anthracene	0.0087	0.0010	mg/L	0.010	87.0	48-167	8.88	26		
Benzidine	0.0014	0.010	mg/L	0.010	15.0	10-86	70.5	40	R	
Benzo(a)anthracene	0.0083	0.0010	mg/L	0.010	83.0	46-167	8.09	29		
Benzo(a)pyrene	0.0079	0.0010	mg/L	0.010	79.0	39-167	3.42	29		
Benzo(b)fluoranthene	0.0078	0.0010	mg/L	0.010	78.0	39-173	6.65	32		
Benzo(g,h,i)perylene	0.0075	0.0010	mg/L	0.010	75.0	42-181	5.90	30		
Benzo(k)fluoranthene	0.0082	0.0010	mg/L	0.010	82.0	42-178	11.6	33		
Benzylbutyl phthalate	0.0090	0.0030	mg/L	0.010	90.0	10-178	0.867	40		
Bis(2-chlorethoxy)methane	0.0078	0.010	mg/L	0.010	78.0	34-155	6.37	31		
Bis(2-chloroethyl)ether	0.0073	0.010	mg/L	0.010	73.0	22-149	0.517	38		
Bis(2-chloroisopropyl)ether	0.0070	0.010	mg/L	0.010	71.0	26-149	5.60	34		
Bis(2-Ethylhexyl)phthalate	0.0097	0.0030	mg/L	0.010	97.0	42-191	3.26	33		
Chrysene	0.0089	0.0010	mg/L	0.010	89.0	46-170	6.79	30		
Dibenz(a,h)anthracene	0.0073	0.0010	mg/L	0.010	73.0	43-187	7.60	31		



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CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Semivolatile Organic Compounds - Quality Control

Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG593487 - METHOD										
LCSD (WG593487-LCSD1)										
Analyzed: 21-May-12										
Diethyl phthalate	0.0089	0.0030	mg/L	0.010	89.0	10-182	6.86	35		
Dimethyl phthalate	0.0099	0.0030	mg/L	0.010	99.0	10-165	3.08	37		
Di-n-butyl phthalate	0.0092	0.0030	mg/L	0.010	93.0	33-175	11.1	39		
Di-n-octyl phthalate	0.0086	0.0030	mg/L	0.010	87.0	40-170	2.98	28		
Fluoranthene	0.0086	0.0010	mg/L	0.010	86.0	46-171	12.9	37		
Fluorene	0.0082	0.0010	mg/L	0.010	82.0	39-163	7.60	36		
Hexachloro-1,3-butadiene	0.0071	0.010	mg/L	0.010	71.0	18-136	2.42	30		
Hexachlorobenzene	0.0076	0.0010	mg/L	0.010	76.0	38-163	10.2	35		
Hexachlorocyclopentadiene	0.0018	0.010	mg/L	0.010	18.0	10-142	7.20	40		
Hexachloroethane	0.0062	0.010	mg/L	0.010	62.0	10-130	2.50	39		
Indeno(1,2,3-cd)pyrene	0.0074	0.0010	mg/L	0.010	74.0	42-184	7.41	32		
Isophorone	0.0078	0.010	mg/L	0.010	78.0	36-166	8.75	35		
Naphthalene	0.0075	0.0010	mg/L	0.010	75.0	26-147	6.81	31		
Nitrobenzene	0.0081	0.010	mg/L	0.010	81.0	22-154	3.07	37		
n-Nitrosodimethylamine	0.0041	0.010	mg/L	0.010	41.0	10-96	19.4	36		
n-Nitrosodi-n-propylamine	0.0077	0.010	mg/L	0.010	77.0	27-157	8.56	31		
n-Nitrosodiphenylamine	0.0083	0.010	mg/L	0.010	83.0	41-168	10.6	37		
Pentachlorophenol	0.0034	0.0010	mg/L	0.010	34.0	10-128	18.8	40		
Phenanthrene	0.0085	0.0010	mg/L	0.010	85.0	46-163	11.3	29		
Phenol	0.0037	0.010	mg/L	0.010	37.0	10-69	2.56	40		
Pyrene	0.0083	0.0010	mg/L	0.010	83.0	45-176	6.07	28		
<i>Surrogate: 2,4,6-Tribromophenol</i>	60.05		mg/L		60.05	16-147				
<i>Surrogate: 2-Fluorobiphenyl</i>	76.44		mg/L		76.44	29-127				
<i>Surrogate: 2-Fluorophenol</i>	38.27		mg/L		38.27	10-75				
<i>Surrogate: Nitrobenzene-d5</i>	84.08		mg/L		84.08	17-119				
<i>Surrogate: Phenol-d5</i>	26.27		mg/L		26.27	10-63				
<i>Surrogate: p-Terphenyl-d14</i>	79.26		mg/L		79.26	40-174				



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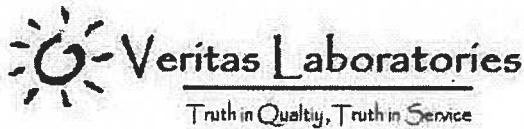
CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Semivolatile Organic Compounds - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch WG593728 - METHOD

BLANK (WG593728-BLK1)	Analyzed: 20-May-12						
1,2,4-Trichlorobenzene	ND	0.33	mg/Kg			-	
2,4,6-Trichlorophenol	ND	0.33	mg/Kg			-	
2,4-Dichlorophenol	ND	0.33	mg/Kg			-	
2,4-Dimethylphenol	ND	0.33	mg/Kg			-	
2,4-Dinitrophenol	ND	0.33	mg/Kg			-	
2,4-Dinitrotoluene	ND	0.33	mg/Kg			-	
2,6-Dinitrotoluene	ND	0.33	mg/Kg			-	
2-Chloronaphthalene	ND	0.033	mg/Kg			-	
2-Chlorophenol	ND	0.33	mg/Kg			-	
2-Nitrophenol	ND	0.33	mg/Kg			-	
3,3-Dichlorobenzidine	ND	0.33	mg/Kg			-	
4,6-Dinitro-2-methylphenol	ND	0.33	mg/Kg			-	
4-Bromophenyl-phenylether	ND	0.33	mg/Kg			-	
4-Chloro-3-methylphenol	ND	0.33	mg/Kg			-	
4-Chlorophenyl-phenylether	ND	0.33	mg/Kg			-	
4-Nitrophenol	ND	0.33	mg/Kg			-	
Acenaphthene	ND	0.033	mg/Kg			-	
Acenaphthylene	ND	0.033	mg/Kg			-	
Anthracene	ND	0.033	mg/Kg			-	
Benzidine	ND	0.33	mg/Kg			-	
Benzo(a)anthracene	ND	0.033	mg/Kg			-	
Benzo(a)pyrene	ND	0.033	mg/Kg			-	
Benzo(b)fluoranthene	ND	0.033	mg/Kg			-	
Benzo(g,h,i)perylene	ND	0.033	mg/Kg			-	
Benzo(k)fluoranthene	ND	0.033	mg/Kg			-	
Benzylbutyl phthalate	ND	0.33	mg/Kg			-	
Bis(2-chlorethoxy)methane	ND	0.33	mg/Kg			-	
Bis(2-chloroethyl)ether	ND	0.33	mg/Kg			-	
Bis(2-chloroisopropyl)ether	ND	0.33	mg/Kg			-	
Bis(2-Ethylhexyl)phthalate	ND	0.33	mg/Kg			-	
Chrysene	ND	0.033	mg/Kg			-	
Dibenz(a,h)anthracene	ND	0.033	mg/Kg			-	



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Semivolatile Organic Compounds - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch WG593728 - METHOD

BLANK (WG593728-BLK1)	Analyzed: 20-May-12					
Diethyl phthalate	ND	0.33	mg/Kg			-
Dimethyl phthalate	ND	0.33	mg/Kg			-
Di-n-butyl phthalate	ND	0.33	mg/Kg			-
Di-n-octyl phthalate	ND	0.33	mg/Kg			-
Fluoranthene	ND	0.033	mg/Kg			-
Fluorene	ND	0.033	mg/Kg			-
Hexachloro-1,3-butadiene	ND	0.33	mg/Kg			-
Hexachlorobenzene	ND	0.33	mg/Kg			-
Hexachlorocyclopentadiene	ND	0.33	mg/Kg			-
Hexachloroethane	ND	0.33	mg/Kg			-
Indeno(1,2,3-cd)pyrene	ND	0.033	mg/Kg			-
Isophorone	ND	0.33	mg/Kg			-
Naphthalene	ND	0.033	mg/Kg			-
Nitrobenzene	ND	0.33	mg/Kg			-
n-Nitrosodimethylamine	ND	0.33	mg/Kg			-
n-Nitrosodi-n-propylamine	ND	0.33	mg/Kg			-
n-Nitrosodiphenylamine	ND	0.33	mg/Kg			-
Pentachlorophenol	ND	0.33	mg/Kg			-
Phenanthrene	ND	0.033	mg/Kg			-
Phenol	ND	0.33	mg/Kg			-
Pyrene	ND	0.033	mg/Kg			-
Surrogate: 2,4,6-Tribromophenol	100.2		mg/Kg		100.2	16-136
Surrogate: 2-Fluorobiphenyl	99.44		mg/Kg		99.44	37-119
Surrogate: 2-Fluorophenol	85.59		mg/Kg		85.59	22-114
Surrogate: Nitrobenzene-d5	89.36		mg/Kg		89.36	20-114
Surrogate: Phenol-d5	89.54		mg/Kg		89.54	26-127
Surrogate: p-Terphenyl-d14	96.27		mg/Kg		96.27	15-174



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Semivolatile Organic Compounds - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG593728 - METHOD										
LCS (WG593728-LCS1)										
Analyzed: 20-May-12										
1,2,4-Trichlorobenzene	0.26	0.33	mg/Kg	0.333	77.3	48-87		20		
2,4,6-Trichlorophenol	0.29	0.33	mg/Kg	0.333	87.6	50-98		20		
2,4-Dichlorophenol	0.30	0.33	mg/Kg	0.333	90.1	56-96		20		
2,4-Dimethylphenol	0.30	0.33	mg/Kg	0.333	90.8	52-101		20		
2,4-Dinitrophenol	0.17	0.33	mg/Kg	0.333	52.1	10-109		39		
2,4-Dinitrotoluene	0.31	0.33	mg/Kg	0.333	91.9	54-103		20		
2,6-Dinitrotoluene	0.31	0.33	mg/Kg	0.333	92.8	53-99		20		
2-Chloronaphthalene	0.28	0.033	mg/Kg	0.333	85.1	55-96		20		
2-Chlorophenol	0.25	0.33	mg/Kg	0.333	74.8	52-88		20		
2-Nitrophenol	0.29	0.33	mg/Kg	0.333	86.7	55-106		20		
3,3-Dichlorobenzidine	0.22	0.33	mg/Kg	0.333	65.7	36-84		20		
4,6-Dinitro-2-methylphenol	0.28	0.33	mg/Kg	0.333	83.8	24-98		32		
4-Bromophenyl-phenylether	0.30	0.33	mg/Kg	0.333	91.6	58-111		20		
4-Chloro-3-methylphenol	0.31	0.33	mg/Kg	0.333	94.4	58-98		20		
4-Chlorophenyl-phenylether	0.29	0.33	mg/Kg	0.333	87.0	59-103		20		
4-Nitrophenol	0.24	0.33	mg/Kg	0.333	73.4	34-101		26		
Acenaphthene	0.28	0.033	mg/Kg	0.333	84.2	55-96		20		
Acenaphthylene	0.29	0.033	mg/Kg	0.333	87.8	61-107		20		
Anthracene	0.31	0.033	mg/Kg	0.333	93.6	58-105		20		
Benzidine	0.034	0.33	mg/Kg	0.333	10.3	10-21		40		
Benzo(a)anthracene	0.30	0.033	mg/Kg	0.333	90.5	56-103		20		
Benzo(a)pyrene	0.30	0.033	mg/Kg	0.333	89.5	57-103		20		
Benzo(b)fluoranthene	0.28	0.033	mg/Kg	0.333	84.7	52-106		20		
Benzo(g,h,i)perylene	0.29	0.033	mg/Kg	0.333	86.0	47-112		20		
Benzo(k)fluoranthene	0.31	0.033	mg/Kg	0.333	92.8	53-104		20		
Benzylbutyl phthalate	0.30	0.33	mg/Kg	0.333	90.7	61-118		20		
Bis(2-chlorethoxy)methane	0.27	0.33	mg/Kg	0.333	82.2	58-104		20		
Bis(2-chloroethyl)ether	0.22	0.33	mg/Kg	0.333	67.3	51-103		20		
Bis(2-chloroisopropyl)ether	0.24	0.33	mg/Kg	0.333	70.7	56-95		20		
Bis(2-Ethylhexyl)phthalate	0.31	0.33	mg/Kg	0.333	92.6	56-120		20		
Chrysene	0.30	0.033	mg/Kg	0.333	91.7	55-102		20		
Dibenz(a,h)anthracene	0.29	0.033	mg/Kg	0.333	87.3	49-111		20		



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Semivolatile Organic Compounds - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG593728 - METHOD										
LCS (WG593728-LCS1)										
Analyzed: 20-May-12										
Diethyl phthalate	0.31	0.33	mg/Kg	0.333	92.1	61-105		20		
Dimethyl phthalate	0.29	0.33	mg/Kg	0.333	87.6	60-106		20		
Di-n-butyl phthalate	0.31	0.33	mg/Kg	0.333	94.5	59-114		20		
Di-n-octyl phthalate	0.31	0.33	mg/Kg	0.333	93.4	51-119		22		
Fluoranthene	0.32	0.033	mg/Kg	0.333	95.6	59-108		20		
Fluorene	0.29	0.033	mg/Kg	0.333	88.4	59-100		20		
Hexachloro-1,3-butadiene	0.29	0.33	mg/Kg	0.333	87.2	53-106		20		
Hexachlorobenzene	0.27	0.33	mg/Kg	0.333	82.4	50-108		20		
Hexachlorocyclopentadiene	0.26	0.33	mg/Kg	0.333	78.1	36-117		20		
Hexachloroethane	0.25	0.33	mg/Kg	0.333	75.0	45-83		20		
Indeno(1,2,3-cd)pyrene	0.29	0.033	mg/Kg	0.333	86.4	50-110		20		
Isophorone	0.23	0.33	mg/Kg	0.333	70.2	51-99		20		
Naphthalene	0.27	0.033	mg/Kg	0.333	81.3	55-91		20		
Nitrobenzene	0.28	0.33	mg/Kg	0.333	82.6	47-92		20		
n-Nitrosodimethylamine	0.22	0.33	mg/Kg	0.333	67.5	31-107		23		
n-Nitrosodi-n-propylamine	0.26	0.33	mg/Kg	0.333	79.5	52-103		20		
n-Nitrosodiphenylamine	0.30	0.33	mg/Kg	0.333	90.0	57-121		20		
Pentachlorophenol	0.20	0.33	mg/Kg	0.333	60.2	10-89		28		
Phenanthrene	0.30	0.033	mg/Kg	0.333	89.9	55-103		20		
Phenol	0.27	0.33	mg/Kg	0.333	81.3	49-99		20		
Pyrene	0.28	0.033	mg/Kg	0.333	85.5	54-104		20		
Surrogate: 2,4,6-Tribromophenol	102.9		mg/Kg		102.9	16-136				
Surrogate: 2-Fluorobiphenyl	93.96		mg/Kg		93.96	37-119				
Surrogate: 2-Fluorophenol	76.17		mg/Kg		76.17	22-114				
Surrogate: Nitrobenzene-d5	87.94		mg/Kg		87.94	20-114				
Surrogate: Phenol-d5	84.74		mg/Kg		84.74	26-127				
Surrogate: p-Terphenyl-d14	96.10		mg/Kg		96.10	15-174				



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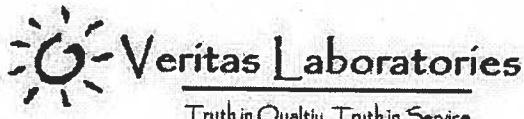
CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Semivolatile Organic Compounds - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch WG593728 - METHOD

LCSD (WG593728-LCSD1)	Analyzed: 20-May-12								
1,2,4-Trichlorobenzene	0.27	0.33	mg/Kg	0.333	81.0	48-87	4.96	20	
2,4,6-Trichlorophenol	0.29	0.33	mg/Kg	0.333	89.0	50-98	1.09	20	
2,4-Dichlorophenol	0.31	0.33	mg/Kg	0.333	93.0	56-96	3.04	20	
2,4-Dimethylphenol	0.31	0.33	mg/Kg	0.333	94.0	52-101	3.04	20	
2,4-Dinitrophenol	0.20	0.33	mg/Kg	0.333	59.0	10-109	12.1	39	
2,4-Dinitrotoluene	0.30	0.33	mg/Kg	0.333	91.0	54-103	1.18	20	
2,6-Dinitrotoluene	0.30	0.33	mg/Kg	0.333	91.0	53-99	2.21	20	
2-Chloronaphthalene	0.28	0.033	mg/Kg	0.333	84.0	55-96	1.26	20	
2-Chlorophenol	0.25	0.33	mg/Kg	0.333	76.0	52-88	2.25	20	
2-Nitrophenol	0.30	0.33	mg/Kg	0.333	90.0	55-106	3.47	20	
3,3-Dichlorobenzidine	0.20	0.33	mg/Kg	0.333	61.0	36-84	7.02	20	
4,6-Dinitro-2-methylphenol	0.29	0.33	mg/Kg	0.333	87.0	24-98	4.29	32	
4-Bromophenyl-phenylether	0.31	0.33	mg/Kg	0.333	93.0	58-111	1.77	20	
4-Chloro-3-methylphenol	0.32	0.33	mg/Kg	0.333	98.0	58-98	3.40	20	
4-Chlorophenyl-phenylether	0.30	0.33	mg/Kg	0.333	89.0	59-103	2.45	20	
4-Nitrophenol	0.26	0.33	mg/Kg	0.333	77.0	34-101	4.35	26	
Acenaphthene	0.28	0.033	mg/Kg	0.333	84.0	55-96	0.407	20	
Acenaphthylene	0.29	0.033	mg/Kg	0.333	88.0	61-107	0.764	20	
Anthracene	0.32	0.033	mg/Kg	0.333	95.0	58-105	2.00	20	
Benzidine	0.026	0.33	mg/Kg	0.333	8	10-21	28.6	40	
Benzo(a)anthracene	0.30	0.033	mg/Kg	0.333	90.0	56-103	0.0748	20	
Benzo(a)pyrene	0.30	0.033	mg/Kg	0.333	92.0	57-103	2.26	20	
Benzo(b)fluoranthene	0.30	0.033	mg/Kg	0.333	89.0	52-106	5.03	20	
Benzo(g,h,i)perylene	0.29	0.033	mg/Kg	0.333	86.0	47-112	0.193	20	
Benzo(k)fluoranthene	0.30	0.033	mg/Kg	0.333	90.0	53-104	2.85	20	
Benzylbutyl phthalate	0.31	0.33	mg/Kg	0.333	92.0	61-118	1.72	20	
Bis(2-chlorethoxy)methane	0.28	0.33	mg/Kg	0.333	83.0	58-104	1.15	20	
Bis(2-chloroethyl)ether	0.26	0.33	mg/Kg	0.333	79.0	51-103	15.6	20	
Bis(2-chloroisopropyl)ether	0.25	0.33	mg/Kg	0.333	75.0	56-95	6.03	20	
Bis(2-Ethylhexyl)phthalate	0.58	0.33	mg/Kg	0.333	173	56-120	60.8	20	R
Chrysene	0.31	0.033	mg/Kg	0.333	94.0	55-102	2.89	20	
Dibenz(a,h)anthracene	0.30	0.033	mg/Kg	0.333	90.0	49-111	2.96	20	



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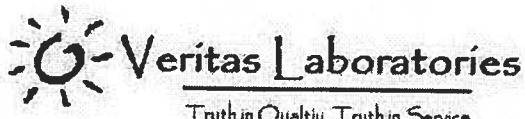
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E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Semivolatile Organic Compounds - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG593728 - METHOD										
LCSD (WG593728-LCSD1)										
Analyzed: 20-May-12										
Diethyl phthalate	0.30	0.33	mg/Kg	0.333	91.0	61-105	1.54	20		
Dimethyl phthalate	0.30	0.33	mg/Kg	0.333	89.0	60-106	2.04	20		
Di-n-butyl phthalate	0.32	0.33	mg/Kg	0.333	96.0	59-114	1.79	20		
Di-n-octyl phthalate	0.32	0.33	mg/Kg	0.333	95.0	51-119	1.96	22		
Fluoranthene	0.32	0.033	mg/Kg	0.333	95.0	59-108	0.293	20		
Fluorene	0.30	0.033	mg/Kg	0.333	90.0	59-100	1.71	20		
Hexachloro-1,3-butadiene	0.30	0.33	mg/Kg	0.333	92.0	53-106	4.96	20		
Hexachlorobenzene	0.27	0.33	mg/Kg	0.333	82.0	50-108	0.176	20		
Hexachlorocyclopentadiene	0.27	0.33	mg/Kg	0.333	81.0	36-117	3.15	20		
Hexachloroethane	0.25	0.33	mg/Kg	0.333	75.0	45-83	0.0462	20		
Indeno(1,2,3-cd)pyrene	0.29	0.033	mg/Kg	0.333	88.0	50-110	1.71	20		
Isophorone	0.24	0.33	mg/Kg	0.333	72.0	51-99	2.34	20		
Naphthalene	0.28	0.033	mg/Kg	0.333	83.0	55-91	2.32	20		
Nitrobenzene	0.27	0.33	mg/Kg	0.333	82.0	47-92	0.802	20		
n-Nitrosodimethylamine	0.22	0.33	mg/Kg	0.333	68.0	31-107	0.262	23		
n-Nitrosodi-n-propylamine	0.28	0.33	mg/Kg	0.333	84.0	52-103	5.53	20		
n-Nitrosodiphenylamine	0.29	0.33	mg/Kg	0.333	87.0	57-121	2.84	20		
Pentachlorophenol	0.22	0.33	mg/Kg	0.333	65.0	10-89	7.72	28		
Phenanthrene	0.29	0.033	mg/Kg	0.333	88.0	55-103	1.85	20		
Phenol	0.28	0.33	mg/Kg	0.333	84.0	49-99	3.25	20		
Pyrene	0.29	0.033	mg/Kg	0.333	86.0	54-104	0.858	20		
Surrogate: 2,4,6-Tribromophenol	104.2		mg/Kg		104.2	16-136				
Surrogate: 2-Fluorobiphenyl	96.46		mg/Kg		96.46	37-119				
Surrogate: 2-Fluorophenol	78.13		mg/Kg		78.13	22-114				
Surrogate: Nitrobenzene-d5	92.13		mg/Kg		92.13	20-114				
Surrogate: Phenol-d5	88.21		mg/Kg		88.21	26-127				
Surrogate: p-Terphenyl-d14	94.34		mg/Kg		94.34	15-174				



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CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Total Metals - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1221007 - EPA 3010A										
Blank (1221007-BLK1)										
Analyzed: 22-May-12										
Barium, Total	ND	0.0030	mg/L							
Cadmium, Total	ND	0.0030	mg/L							
Chromium, Total	ND	0.0050	mg/L							
Lead, Total	ND	0.015	mg/L							
Selenium, Total	ND	0.050	mg/L							
Silver, Total	ND	0.010	mg/L							
Arsenic, Total	ND	0.030	mg/L							
LCS (1221007-BS1)										
Analyzed: 22-May-12										
Barium, Total	0.50	0.0030	mg/L	0.500	99.4	85-115				
Cadmium, Total	0.51	0.0030	mg/L	0.500	102	85-115				
Chromium, Total	0.52	0.0050	mg/L	0.500	103	85-115				
Lead, Total	0.50	0.015	mg/L	0.500	99.0	85-115				
Selenium, Total	0.52	0.050	mg/L	0.500	104	85-115				
Silver, Total	0.50	0.010	mg/L	0.500	101	85-115				
Arsenic, Total	0.49	0.030	mg/L	0.500	97.4	85-115				
LCS Dup (1221007-BSD1)										
Analyzed: 22-May-12										
Barium, Total	0.48	0.0030	mg/L	0.500	96.2	85-115	3.27	20		
Cadmium, Total	0.50	0.0030	mg/L	0.500	100	85-115	1.38	20		
Chromium, Total	0.51	0.0050	mg/L	0.500	102	85-115	1.37	20		
Lead, Total	0.48	0.015	mg/L	0.500	96.8	85-115	2.25	20		
Selenium, Total	0.51	0.050	mg/L	0.500	101	85-115	2.34	20		
Silver, Total	0.50	0.010	mg/L	0.500	99.2	85-115	1.60	20		
Arsenic, Total	0.48	0.030	mg/L	0.500	96.4	85-115	1.03	20		
Matrix Spike (1221007-MS1)										
Source: V12E042-01 Analyzed: 22-May-12										
Barium, Total	0.48	0.0030	mg/L	0.500	0.022	90.7	70-130			
Cadmium, Total	0.47	0.0030	mg/L	0.500	ND	94.6	70-130			
Chromium, Total	0.44	0.0050	mg/L	0.500	ND	87.4	70-130			
Lead, Total	0.48	0.015	mg/L	0.500	ND	95.2	70-130			
Selenium, Total	0.50	0.050	mg/L	0.500	ND	99.0	70-130			
Silver, Total	0.50	0.010	mg/L	0.500	ND	99.8	70-130			



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Total Metals - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1221007 - EPA 3010A										

Matrix Spike (1221007-MS1) Source: V12E042-01 Analyzed: 22-May-12

Arsenic, Total	0.47	0.030	mg/L	0.500	ND	94.4	70-130			
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Matrix Spike Dup (1221007-MSD1) Source: V12E042-01 Analyzed: 22-May-12

Barium, Total	0.48	0.0030	mg/L	0.500	0.022	92.3	70-130	1.67	20
Cadmium, Total	0.48	0.0030	mg/L	0.500	ND	96.2	70-130	1.68	20
Chromium, Total	0.44	0.0050	mg/L	0.500	ND	88.6	70-130	1.36	20
Lead, Total	0.49	0.015	mg/L	0.500	ND	97.2	70-130	2.08	20
Selenium, Total	0.50	0.050	mg/L	0.500	ND	99.8	70-130	0.805	20
Silver, Total	0.52	0.010	mg/L	0.500	ND	103	70-130	3.16	20
Arsenic, Total	0.48	0.030	mg/L	0.500	ND	96.4	70-130	2.10	20

Batch 1221012 - EPA 3050B

Blank (1221012-BLK1) Analyzed: 23-May-12

Arsenic, Total	ND	3.0	mg/Kg							
Barium, Total	ND	0.30	mg/Kg							
Cadmium, Total	ND	0.30	mg/Kg							
Chromium, Total	ND	0.50	mg/Kg							
Lead, Total	ND	1.5	mg/Kg							
Selenium, Total	ND	5.0	mg/Kg							
Silver, Total	ND	1.0	mg/Kg							

LCS (1221012-BS1) Analyzed: 23-May-12

Arsenic, Total	49	3.0	mg/Kg	50.0	98.8	85-115				
Barium, Total	51	0.30	mg/Kg	50.0	102	85-115				
Cadmium, Total	49	0.30	mg/Kg	50.0	98.6	85-115				
Chromium, Total	51	0.50	mg/Kg	50.0	102	85-115				
Lead, Total	48	1.5	mg/Kg	50.0	96.2	85-115				
Selenium, Total	48	5.0	mg/Kg	50.0	97.0	85-115				
Silver, Total	51	1.0	mg/Kg	50.0	103	85-115				



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Total Metals - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1221012 - EPA 3050B										
LCS Dup (1221012-BSD1)										
Analyzed: 23-May-12										
Arsenic, Total	50	3.0	mg/Kg	50.0	99.2	85-115	0.404	20		
Barium, Total	51	0.30	mg/Kg	50.0	102	85-115	0.588	20		
Cadmium, Total	50	0.30	mg/Kg	50.0	99.8	85-115	1.21	20		
Chromium, Total	52	0.50	mg/Kg	50.0	103	85-115	0.780	20		
Lead, Total	49	1.5	mg/Kg	50.0	97.4	85-115	1.24	20		
Selenium, Total	49	5.0	mg/Kg	50.0	98.8	85-115	1.84	20		
Silver, Total	51	1.0	mg/Kg	50.0	102	85-115	0.391	20		
Matrix Spike (1221012-MS1)										
Source: V12E048-01 Analyzed: 23-May-12										
Arsenic, Total	50	3.0	mg/Kg	50.0	5.9	89.0	70-130			
Barium, Total	100	0.30	mg/Kg	50.0	120	NR	70-130			S
Cadmium, Total	46	0.30	mg/Kg	50.0	0.59	91.2	70-130			
Chromium, Total	55	0.50	mg/Kg	50.0	7.1	95.4	70-130			
Lead, Total	56	1.5	mg/Kg	50.0	7.1	98.6	70-130			
Selenium, Total	42	5.0	mg/Kg	50.0	ND	83.8	70-130			
Silver, Total	50	1.0	mg/Kg	50.0	ND	101	70-130			
Matrix Spike Dup (1221012-MSD1)										
Source: V12E048-01 Analyzed: 23-May-12										
Arsenic, Total	52	3.0	mg/Kg	50.0	5.9	93.2	70-130	4.08	20	
Barium, Total	110	0.30	mg/Kg	50.0	120	NR	70-130	9.35	20	S
Cadmium, Total	44	0.30	mg/Kg	50.0	0.59	86.2	70-130	5.56	20	
Chromium, Total	53	0.50	mg/Kg	50.0	7.1	91.0	70-130	4.10	20	
Lead, Total	50	1.5	mg/Kg	50.0	7.1	84.8	70-130	13.0	20	
Selenium, Total	40	5.0	mg/Kg	50.0	ND	79.6	70-130	5.14	20	
Silver, Total	46	1.0	mg/Kg	50.0	ND	92.8	70-130	8.07	20	



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E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Total Metals - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG593872 - METHOD										
BLANK (WG593872-BLK1)										
Mercury, Total	ND	0.020	mg/Kg		Analyzed: 22-May-12					
DUP (WG593872-DUP1)										
Mercury, Total	ND	0.020	mg/Kg		Analyzed: 22-May-12					
LCS (WG593872-LCS1)										
Mercury, Total	4.3	0.020	mg/Kg	3.77	Analyzed: 22-May-12	113	71.6-128	-	0.00	20
MS (WG593872-MS1)										
Mercury, Total	0.29	0.020	mg/Kg	0.250	Analyzed: 22-May-12	ND	117	70-130	-	20
MSD (WG593872-MSD1)										
Mercury, Total	0.30	0.020	mg/Kg	0.250	Analyzed: 22-May-12	ND	121	70-130	3.70	20



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Total Petroleum Hydrocarbons by GC/FID - Quality Control

Veritas Laboratories

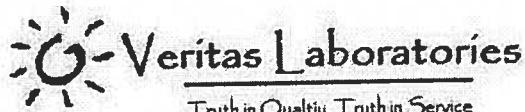
Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch 1221009 - TNRCC Method 1005

Blank (1221009-BLK1)					Analyzed: 23-May-12					
TPH-GRO (C6-C10)	ND	1.0	mg/L							
TPH-DRO (C10-C28)	ND	1.0	mg/L							
TPH-ORO (C28-C35)	ND	1.0	mg/L							
Surrogate: Bromofluorobenzene	20		mg/L	20.0		101	70-130			
Surrogate: Pentacosane	20		mg/L	20.0		100	70-130			
LCS (1221009-BS1)					Analyzed: 23-May-12					
TPH-GRO (C6-C10)	110	1.0	mg/L	100		110	75-125			
TPH-DRO (C10-C28)	110	1.0	mg/L	100		109	75-125			
Surrogate: Bromofluorobenzene	23		mg/L	20.0		116	70-130			
Surrogate: Pentacosane	22		mg/L	20.0		110	70-130			
Matrix Spike (1221009-MS1)			Source: V12E047-01		Analyzed: 12-Jun-12					
TPH-GRO (C6-C10)	100	1.0	mg/L	100	ND	102	75-125			
TPH-DRO (C10-C28)	98	1.0	mg/L	100	ND	98.0	75-125			
Surrogate: Bromofluorobenzene	20		mg/L	20.0		102	70-130			
Surrogate: Pentacosane	20		mg/L	20.0		98.0	70-130			
Matrix Spike Dup (1221009-MSD1)			Source: V12E047-01		Analyzed: 12-Jun-12					
TPH-GRO (C6-C10)	140	1.0	mg/L	100	ND	144	75-125	34.6	20	R, S
TPH-DRO (C10-C28)	150	1.0	mg/L	100	ND	148	75-125	40.5	20	R, S
Surrogate: Bromofluorobenzene	150		mg/L	20.0		756	70-130			S
Surrogate: Pentacosane	140		mg/L	20.0		715	70-130			S

Batch 1221013 - TNRCC Method 1005

Blank (1221013-BLK1)					Analyzed: 24-May-12					
TPH-GRO (C6-C10)	ND	10	mg/Kg							
TPH-DRO (C10-C28)	ND	20	mg/Kg							
TPH-ORO (C28-C35)	ND	20	mg/Kg							
Surrogate: Bromofluorobenzene	20		mg/Kg	20.0		99.8	70-130			
Surrogate: Pentacosane	20		mg/Kg	20.0		101	70-130			



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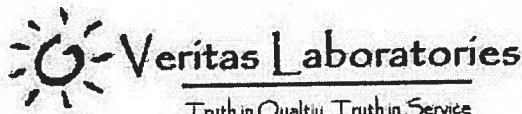
E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Total Petroleum Hydrocarbons by GC/FID - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1221013 - TNRCC Method 1005										
LCS (1221013-BS1)										
Analyzed: 24-May-12										
TPH-GRO (C6-C10)	99	10	mg/Kg	100		98.8	75-125			
TPH-DRO (C10-C28)	89	20	mg/Kg	100		89.5	75-125			
Surrogate: Bromofluorobenzene	21		mg/Kg	20.0		105	70-130			
Surrogate: Pentacosane	20		mg/Kg	20.0		101	70-130			
Matrix Spike (1221013-MS1)										
Source: V12E050-10 Analyzed: 12-Jun-12										
TPH-GRO (C6-C10)	99	10	mg/Kg	100	ND	99.3	75-125			
TPH-DRO (C10-C28)	100	20	mg/Kg	100	ND	102	75-125			
Surrogate: Bromofluorobenzene	21		mg/Kg	20.0		104	70-130			
Surrogate: Pentacosane	20		mg/Kg	20.0		100	70-130			
Matrix Spike Dup (1221013-MSD1)										
Source: V12E050-10 Analyzed: 12-Jun-12										
TPH-GRO (C6-C10)	100	10	mg/Kg	100	ND	99.8	75-125	0.473	20	
TPH-DRO (C10-C28)	110	20	mg/Kg	100	ND	105	75-125	3.17	20	
Surrogate: Bromofluorobenzene	21		mg/Kg	20.0		106	70-130			
Surrogate: Pentacosane	20		mg/Kg	20.0		99.6	70-130			



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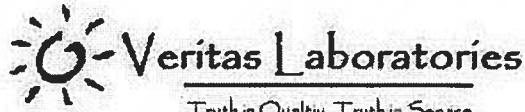
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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222002 - No Prep VOA										
Blank (1222002-BLK1)										
Analyzed: 24-May-12										
Benzene										
ND 5.0 ug/Kg										
Bromobenzene										
ND 5.0 ug/Kg										
Bromodichloromethane										
ND 5.0 ug/Kg										
Bromoform										
ND 5.0 ug/Kg										
Bromomethane										
ND 5.0 ug/Kg										
tert-Butylbenzene										
ND 5.0 ug/Kg										
sec-Butylbenzene										
ND 5.0 ug/Kg										
n-Butylbenzene										
ND 5.0 ug/Kg										
Carbon disulfide										
ND 5.0 ug/Kg										
Carbon Tetrachloride										
ND 5.0 ug/Kg										
Chlorobenzene										
ND 5.0 ug/Kg										
Chloroethane										
ND 5.0 ug/Kg										
Chloroform										
ND 5.0 ug/Kg										
Chloromethane										
ND 5.0 ug/Kg										
2-Chlorotoluene										
ND 5.0 ug/Kg										
4-Chlorotoluene										
ND 5.0 ug/Kg										
1,2-Dibromo-3-chloropropane										
ND 5.0 ug/Kg										
Dibromochloromethane										
ND 5.0 ug/Kg										
1,2-Dibromoethane										
ND 5.0 ug/Kg										
Dibromomethane										
ND 5.0 ug/Kg										
1,3-Dichlorobenzene										
ND 5.0 ug/Kg										
1,2-Dichlorobenzene										
ND 5.0 ug/Kg										
1,4-Dichlorobenzene										
ND 5.0 ug/Kg										
Dichlorodifluoromethane										
ND 5.0 ug/Kg										
1,1-Dichloroethane										
ND 5.0 ug/Kg										
1,2-Dichloroethane										
ND 5.0 ug/Kg										
1,1-Dichloroethene										
ND 5.0 ug/Kg										
trans-1,2-Dichloroethene										
ND 5.0 ug/Kg										
cis-1,2-Dichloroethene										
ND 5.0 ug/Kg										
2,2-Dichloropropane										
ND 5.0 ug/Kg										
1,2-Dichloropropane										
ND 5.0 ug/Kg										
1,3-Dichloropropane										
ND 5.0 ug/Kg										



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch 1222002 - No Prep VOA

Blank (1222002-BLK1)	Analyzed: 24-May-12								
1,1-Dichloropropene	ND	5.0	ug/Kg						
trans-1,3-Dichloropropene	ND	5.0	ug/Kg						
cis-1,3-Dichloropropene	ND	5.0	ug/Kg						
Ethylbenzene	ND	5.0	ug/Kg						
Hexachlorobutadiene	ND	5.0	ug/Kg						
Isopropylbenzene	ND	5.0	ug/Kg						
p-Isopropyltoluene	ND	5.0	ug/Kg						
Methyl-tert-butyl ether	ND	5.0	ug/Kg						
Methylene Chloride	ND	5.0	ug/Kg						
Naphthalene	ND	5.0	ug/Kg						
n-Propylbenzene	ND	5.0	ug/Kg						
Styrene	ND	5.0	ug/Kg						
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg						
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg						
Tetrachloroethene	ND	5.0	ug/Kg						
Toluene	ND	5.0	ug/Kg						
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg						
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg						
1,1,1-Trichloroethane	ND	5.0	ug/Kg						
1,1,2-Trichloroethane	ND	5.0	ug/Kg						
Trichloroethene	ND	5.0	ug/Kg						
Trichlorofluoromethane	ND	5.0	ug/Kg						
1,2,3-Trichloropropane	ND	5.0	ug/Kg						
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg						
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg						
Vinyl chloride	ND	5.0	ug/Kg						
m,p-Xylene	ND	10	ug/Kg						
o-Xylene	ND	5.0	ug/Kg						
Surrogate: 4-Bromofluorobenzene	36		ug/Kg	40.0		90.4	70-130		
Surrogate: Dibromofluoromethane	32		ug/Kg	40.0		79.0	70-130		
Surrogate: 1,2-Dichloroethane-d4	30		ug/Kg	40.0		74.0	70-130		
Surrogate: Toluene-d8	34		ug/Kg	40.0		83.8	70-130		



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch 1222002 - No Prep VOA

LCS (1222002-BS1)

Analyzed: 24-May-12

Benzene	41	5.0	ug/Kg	40.0	103	80-120				
Bromobenzene	40	5.0	ug/Kg	40.0	100	80-120				
Bromodichloromethane	42	5.0	ug/Kg	40.0	104	80-120				
Bromoform	45	5.0	ug/Kg	40.0	113	80-120				
Bromomethane	40	5.0	ug/Kg	40.0	100	80-120				
tert-Butylbenzene	36	5.0	ug/Kg	40.0	90.6	80-120				
sec-Butylbenzene	36	5.0	ug/Kg	40.0	89.9	80-120				
n-Butylbenzene	38	5.0	ug/Kg	40.0	96.2	80-120				
Carbon disulfide	42	5.0	ug/Kg	40.0	104	80-120				
Carbon Tetrachloride	43	5.0	ug/Kg	40.0	107	80-120				
Chlorobenzene	39	5.0	ug/Kg	40.0	96.7	80-120				
Chloroethane	41	5.0	ug/Kg	40.0	103	80-120				
Chloroform	39	5.0	ug/Kg	40.0	97.8	80-120				
Chloromethane	32	5.0	ug/Kg	40.0	79.7	80-120				
2-Chlorotoluene	38	5.0	ug/Kg	40.0	95.6	80-120				
4-Chlorotoluene	38	5.0	ug/Kg	40.0	95.8	80-120				
1,2-Dibromo-3-chloropropane	56	5.0	ug/Kg	40.0	141	80-120				
Dibromochloromethane	41	5.0	ug/Kg	40.0	102	80-120				
1,2-Dibromoethane	42	5.0	ug/Kg	40.0	105	80-120				
Dibromomethane	44	5.0	ug/Kg	40.0	109	80-120				
1,3-Dichlorobenzene	36	5.0	ug/Kg	40.0	88.9	80-120				
1,2-Dichlorobenzene	36	5.0	ug/Kg	40.0	88.9	80-120				
1,4-Dichlorobenzene	40	5.0	ug/Kg	40.0	99.5	80-120				
Dichlorodifluoromethane	27	5.0	ug/Kg	40.0	66.8	80-120				
1,1-Dichloroethane	41	5.0	ug/Kg	40.0	102	80-120				
1,2-Dichloroethane	42	5.0	ug/Kg	40.0	105	80-120				
1,1-Dichloroethene	47	5.0	ug/Kg	40.0	117	80-120				
trans-1,2-Dichloroethene	42	5.0	ug/Kg	40.0	106	80-120				
cis-1,2-Dichloroethene	44	5.0	ug/Kg	40.0	110	80-120				
2,2-Dichloropropane	42	5.0	ug/Kg	40.0	105	80-120				
1,2-Dichloropropane	40	5.0	ug/Kg	40.0	101	80-120				



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CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222002 - No Prep VOA										
LCS (1222002-BS1)										
Analyzed: 24-May-12										
1,3-Dichloropropane	39	5.0	ug/Kg	40.0		98.7	80-120			
1,1-Dichloropropene	41	5.0	ug/Kg	40.0		103	80-120			
trans-1,3-Dichloropropene	43	5.0	ug/Kg	40.0		109	80-120			
cis-1,3-Dichloropropene	42	5.0	ug/Kg	40.0		106	80-120			
Ethylbenzene	40	5.0	ug/Kg	40.0		99.6	80-120			
Hexachlorobutadiene	34	5.0	ug/Kg	40.0		85.2	80-120			
Isopropylbenzene	43	5.0	ug/Kg	40.0		108	80-120			
p-Isopropyltoluene	37	5.0	ug/Kg	40.0		93.6	80-120			
Methyl-tert-butyl ether	42	5.0	ug/Kg	40.0		105	80-120			
Methylene Chloride	100	5.0	ug/Kg	40.0		258	80-120			
Naphthalene	51	5.0	ug/Kg	40.0		127	80-120			
n-Propylbenzene	38	5.0	ug/Kg	40.0		95.4	80-120			
Styrene	45	5.0	ug/Kg	40.0		111	80-120			
1,1,1,2-Tetrachloroethane	38	5.0	ug/Kg	40.0		96.0	80-120			
1,1,2,2-Tetrachloroethane	45	5.0	ug/Kg	40.0		114	80-120			
Tetrachloroethene	41	5.0	ug/Kg	40.0		102	80-120			
Toluene	42	5.0	ug/Kg	40.0		106	80-120			
1,2,4-Trichlorobenzene	39	5.0	ug/Kg	40.0		98.1	80-120			
1,2,3-Trichlorobenzene	45	5.0	ug/Kg	40.0		113	80-120			
1,1,1-Trichloroethane	42	5.0	ug/Kg	40.0		105	80-120			
1,1,2-Trichloroethane	40	5.0	ug/Kg	40.0		100	80-120			
Trichloroethene	41	5.0	ug/Kg	40.0		103	80-120			
Trichlorofluoromethane	45	5.0	ug/Kg	40.0		112	80-120			
1,2,3-Trichloropropane	45	5.0	ug/Kg	40.0		112	80-120			
1,3,5-Trimethylbenzene	41	5.0	ug/Kg	40.0		102	80-120			
1,2,4-Trimethylbenzene	39	5.0	ug/Kg	40.0		97.1	80-120			
Vinyl chloride	32	5.0	ug/Kg	40.0		80.8	80-120			
m,p-Xylene	81	10	ug/Kg	80.0		102	80-120			
o-Xylene	37	5.0	ug/Kg	40.0		92.4	80-120			
Surrogate: 4-Bromofluorobenzene	34		ug/Kg	40.0		85.4	70-130			
Surrogate: Dibromofluoromethane	32		ug/Kg	40.0		80.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	31		ug/Kg	40.0		77.8	70-130			



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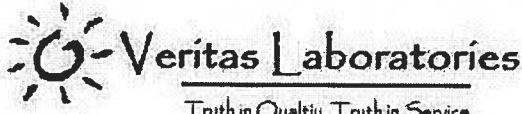
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CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222002 - No Prep VOA										
LCS (1222002-BS1)										
Surrogate: Toluene-d8										
33										
ug/Kg										
40.0										
83.6										
70-130										
Matrix Spike (1222002-MS1)										
Source: V12E029-01										
Analyzed: 24-May-12										
Benzene	42	5.0	ug/Kg	40.0	ND	104	80-120			
Bromobenzene	39	5.0	ug/Kg	40.0	ND	98.5	80-120			
Bromodichloromethane	40	5.0	ug/Kg	40.0	ND	101	80-120			
Bromoform	38	5.0	ug/Kg	40.0	ND	93.8	80-120			
Bromomethane	18	5.0	ug/Kg	40.0	ND	43.8	80-120			
tert-Butylbenzene	41	5.0	ug/Kg	40.0	ND	101	80-120			
sec-Butylbenzene	42	5.0	ug/Kg	40.0	ND	106	80-120			
n-Butylbenzene	47	5.0	ug/Kg	40.0	ND	118	80-120			
Carbon disulfide	40	5.0	ug/Kg	40.0	ND	100	80-120			
Carbon Tetrachloride	45	5.0	ug/Kg	40.0	ND	114	80-120			
Chlorobenzene	39	5.0	ug/Kg	40.0	ND	98.1	80-120			
Chloroethane	14	5.0	ug/Kg	40.0	ND	34.2	80-120			
Chloroform	41	5.0	ug/Kg	40.0	ND	102	80-120			
Chloromethane	34	5.0	ug/Kg	40.0	ND	84.9	80-120			
2-Chlorotoluene	39	5.0	ug/Kg	40.0	ND	96.4	80-120			
4-Chlorotoluene	39	5.0	ug/Kg	40.0	ND	96.6	80-120			
1,2-Dibromo-3-chloropropane	38	5.0	ug/Kg	40.0	ND	94.1	80-120			
Dibromochloromethane	39	5.0	ug/Kg	40.0	ND	98.1	80-120			
1,2-Dibromoethane	39	5.0	ug/Kg	40.0	ND	98.6	80-120			
Dibromomethane	41	5.0	ug/Kg	40.0	ND	104	80-120			
1,3-Dichlorobenzene	38	5.0	ug/Kg	40.0	ND	94.2	80-120			
1,2-Dichlorobenzene	37	5.0	ug/Kg	40.0	ND	92.4	80-120			
1,4-Dichlorobenzene	41	5.0	ug/Kg	40.0	ND	103	80-120			
Dichlorodifluoromethane	26	5.0	ug/Kg	40.0	ND	63.8	80-120			
1,1-Dichloroethane	40	5.0	ug/Kg	40.0	ND	101	80-120			
1,2-Dichloroethane	41	5.0	ug/Kg	40.0	ND	101	80-120			
1,1-Dichloroethene	50	5.0	ug/Kg	40.0	ND	126	80-120			
trans-1,2-Dichloroethene	42	5.0	ug/Kg	40.0	ND	105	80-120			
cis-1,2-Dichloroethene	44	5.0	ug/Kg	40.0	ND	110	80-120			



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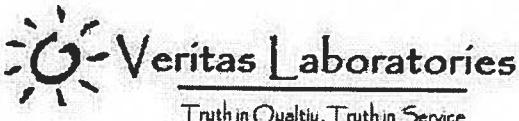
E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222002 - No Prep VOA										
Matrix Spike (1222002-MS1)										
Source: V12E029-01 Analyzed: 24-May-12										
2,2-Dichloropropane	42	5.0	ug/Kg	40.0	ND	106	80-120			
1,2-Dichloropropane	40	5.0	ug/Kg	40.0	ND	99.1	80-120			
1,3-Dichloropropane	38	5.0	ug/Kg	40.0	ND	94.8	80-120			
1,1-Dichloropropene	43	5.0	ug/Kg	40.0	ND	106	80-120			
trans-1,3-Dichloropropene	43	5.0	ug/Kg	40.0	ND	107	80-120			
cis-1,3-Dichloropropene	41	5.0	ug/Kg	40.0	ND	102	80-120			
Ethylbenzene	41	5.0	ug/Kg	40.0	ND	103	80-120			
Hexachlorobutadiene	63	5.0	ug/Kg	40.0	1.8	153	80-120			S
Isopropylbenzene	46	5.0	ug/Kg	40.0	ND	114	80-120			
p-Isopropyltoluene	43	5.0	ug/Kg	40.0	ND	108	80-120			
Methyl-tert-butyl ether	39	5.0	ug/Kg	40.0	ND	98.6	80-120			
Methylene Chloride	100	5.0	ug/Kg	40.0	ND	261	80-120			S
Naphthalene	42	5.0	ug/Kg	40.0	ND	104	80-120			
n-Propylbenzene	40	5.0	ug/Kg	40.0	ND	99.6	80-120			
Styrene	50	5.0	ug/Kg	40.0	ND	125	80-120			S
1,1,1,2-Tetrachloroethane	40	5.0	ug/Kg	40.0	ND	99.0	80-120			
1,1,2,2-Tetrachloroethane	37	5.0	ug/Kg	40.0	ND	91.6	80-120			
Tetrachloroethene	43	5.0	ug/Kg	40.0	ND	109	80-120			
Toluene	43	5.0	ug/Kg	40.0	ND	106	80-120			
1,2,4-Trichlorobenzene	44	5.0	ug/Kg	40.0	ND	111	80-120			
1,2,3-Trichlorobenzene	50	5.0	ug/Kg	40.0	ND	124	80-120			S
1,1,1-Trichloroethane	43	5.0	ug/Kg	40.0	ND	108	80-120			
1,1,2-Trichloroethane	38	5.0	ug/Kg	40.0	ND	95.2	80-120			
Trichloroethene	43	5.0	ug/Kg	40.0	ND	108	80-120			
Trichlorofluoromethane	32	5.0	ug/Kg	40.0	ND	79.6	80-120			S
1,2,3-Trichloropropane	36	5.0	ug/Kg	40.0	ND	90.4	80-120			
1,3,5-Trimethylbenzene	43	5.0	ug/Kg	40.0	ND	109	80-120			
1,2,4-Trimethylbenzene	41	5.0	ug/Kg	40.0	ND	103	80-120			
Vinyl chloride	31	5.0	ug/Kg	40.0	ND	77.0	80-120			S
m,p-Xylene	84	10	ug/Kg	80.0	ND	104	80-120			
o-Xylene	37	5.0	ug/Kg	40.0	ND	93.5	80-120			
Surrogate: 4-Bromofluorobenzene	37		ug/Kg	40.0		92.7	70-130			



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222002 - No Prep VOA										

Matrix Spike (1222002-MS1) Source: V12E029-01 Analyzed: 24-May-12

Surrogate: Dibromofluoromethane	34		ug/Kg	40.0		86.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	34		ug/Kg	40.0		85.6	70-130			
Surrogate: Toluene-d8	37		ug/Kg	40.0		92.8	70-130			

Matrix Spike Dup (1222002-MSD1) Source: V12E029-01 Analyzed: 24-May-12

Benzene	40	5.0	ug/Kg	40.0	ND	99.8	80-120	3.88	20	
Bromobenzene	39	5.0	ug/Kg	40.0	ND	96.4	80-120	2.13	20	
Bromodichloromethane	39	5.0	ug/Kg	40.0	ND	98.4	80-120	2.68	20	
Bromoform	37	5.0	ug/Kg	40.0	ND	92.0	80-120	1.99	20	
Bromomethane	17	5.0	ug/Kg	40.0	ND	43.1	80-120	1.55	20	
tert-Butylbenzene	39	5.0	ug/Kg	40.0	ND	98.0	80-120	3.36	20	
sec-Butylbenzene	41	5.0	ug/Kg	40.0	ND	103	80-120	2.53	20	
n-Butylbenzene	46	5.0	ug/Kg	40.0	ND	115	80-120	2.38	20	
Carbon disulfide	43	5.0	ug/Kg	40.0	ND	108	80-120	7.59	20	
Carbon Tetrachloride	44	5.0	ug/Kg	40.0	ND	111	80-120	2.56	20	
Chlorobenzene	38	5.0	ug/Kg	40.0	ND	94.0	80-120	4.29	20	
Chloroethane	13	5.0	ug/Kg	40.0	ND	33.7	80-120	1.55	20	
Chloroform	39	5.0	ug/Kg	40.0	ND	97.6	80-120	4.16	20	
Chloromethane	34	5.0	ug/Kg	40.0	ND	85.8	80-120	0.967	20	
2-Chlorotoluene	38	5.0	ug/Kg	40.0	ND	95.1	80-120	1.38	20	
4-Chlorotoluene	38	5.0	ug/Kg	40.0	ND	95.3	80-120	1.38	20	
1,2-Dibromo-3-chloropropane	41	5.0	ug/Kg	40.0	ND	104	80-120	9.51	20	
Dibromochloromethane	38	5.0	ug/Kg	40.0	ND	95.2	80-120	2.95	20	
1,2-Dibromoethane	39	5.0	ug/Kg	40.0	ND	97.5	80-120	1.17	20	
Dibromomethane	39	5.0	ug/Kg	40.0	ND	98.6	80-120	5.04	20	
1,3-Dichlorobenzene	37	5.0	ug/Kg	40.0	ND	91.7	80-120	2.72	20	
1,2-Dichlorobenzene	36	5.0	ug/Kg	40.0	ND	90.6	80-120	2.08	20	
1,4-Dichlorobenzene	39	5.0	ug/Kg	40.0	ND	98.4	80-120	4.30	20	
Dichlorodifluoromethane	24	5.0	ug/Kg	40.0	ND	60.0	80-120	6.09	20	
1,1-Dichloroethane	39	5.0	ug/Kg	40.0	ND	97.1	80-120	4.14	20	
1,2-Dichloroethane	38	5.0	ug/Kg	40.0	ND	94.8	80-120	6.75	20	
1,1-Dichloroethene	47	5.0	ug/Kg	40.0	ND	118	80-120	6.24	20	



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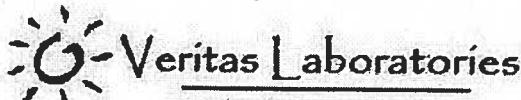
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E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222002 - No Prep VOA										
Matrix Spike Dup (1222002-MSD1)										
Source: V12E029-01 Analyzed: 24-May-12										
trans-1,2-Dichloroethene	42	5.0	ug/Kg	40.0	ND	106	80-120	0.592	20	
cis-1,2-Dichloroethene	42	5.0	ug/Kg	40.0	ND	106	80-120	4.27	20	
2,2-Dichloropropane	40	5.0	ug/Kg	40.0	ND	100	80-120	5.46	20	
1,2-Dichloropropane	38	5.0	ug/Kg	40.0	ND	94.7	80-120	4.57	20	
1,3-Dichloropropane	37	5.0	ug/Kg	40.0	ND	92.5	80-120	2.40	20	
1,1-Dichloropropene	42	5.0	ug/Kg	40.0	ND	104	80-120	2.54	20	
trans-1,3-Dichloropropene	41	5.0	ug/Kg	40.0	ND	103	80-120	3.69	20	
cis-1,3-Dichloropropene	39	5.0	ug/Kg	40.0	ND	98.4	80-120	4.03	20	
Ethylbenzene	40	5.0	ug/Kg	40.0	ND	99.8	80-120	3.45	20	
Hexachlorobutadiene	65	5.0	ug/Kg	40.0	1.8	159	80-120	4.07	20	S
Isopropylbenzene	45	5.0	ug/Kg	40.0	ND	112	80-120	1.95	20	
p-Isopropyltoluene	42	5.0	ug/Kg	40.0	ND	106	80-120	2.20	20	
Methyl-tert-butyl ether	37	5.0	ug/Kg	40.0	ND	91.3	80-120	7.74	20	
Methylene Chloride	100	5.0	ug/Kg	40.0	ND	252	80-120	3.71	20	S
Naphthalene	43	5.0	ug/Kg	40.0	ND	107	80-120	2.88	20	
n-Propylbenzene	39	5.0	ug/Kg	40.0	ND	98.1	80-120	1.57	20	
Styrene	49	5.0	ug/Kg	40.0	ND	122	80-120	2.52	20	S
1,1,1,2-Tetrachloroethane	38	5.0	ug/Kg	40.0	ND	94.2	80-120	4.89	20	
1,1,2,2-Tetrachloroethane	37	5.0	ug/Kg	40.0	ND	93.0	80-120	1.57	20	
Tetrachloroethene	42	5.0	ug/Kg	40.0	ND	105	80-120	3.25	20	
Toluene	41	5.0	ug/Kg	40.0	ND	103	80-120	3.61	20	
1,2,4-Trichlorobenzene	43	5.0	ug/Kg	40.0	ND	108	80-120	2.26	20	
1,2,3-Trichlorobenzene	48	5.0	ug/Kg	40.0	ND	119	80-120	3.99	20	
1,1,1-Trichloroethane	41	5.0	ug/Kg	40.0	ND	103	80-120	4.75	20	
1,1,2-Trichloroethane	37	5.0	ug/Kg	40.0	ND	93.7	80-120	1.51	20	
Trichloroethene	42	5.0	ug/Kg	40.0	ND	104	80-120	3.93	20	
Trichlorofluoromethane	32	5.0	ug/Kg	40.0	ND	78.9	80-120	0.946	20	S
1,2,3-Trichloropropane	37	5.0	ug/Kg	40.0	ND	93.1	80-120	2.97	20	
1,3,5- Trimethylbenzene	43	5.0	ug/Kg	40.0	ND	107	80-120	1.88	20	
1,2,4- Trimethylbenzene	40	5.0	ug/Kg	40.0	ND	99.2	80-120	3.61	20	
Vinyl chloride	29	5.0	ug/Kg	40.0	ND	73.6	80-120	4.61	20	
m,p-Xylene	80	10	ug/Kg	80.0	ND	99.5	80-120	4.86	20	



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CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch 1222002 - No Prep VOA

Matrix Spike Dup (1222002-MSD1)	Source: V12E029-01			Analyzed: 24-May-12					
o-Xylene	37	5.0	ug/Kg	40.0	ND	91.9	80-120	1.73	20
Surrogate: 4-Bromofluorobenzene	37		ug/Kg	40.0		91.4	70-130		
Surrogate: Dibromofluoromethane	33		ug/Kg	40.0		82.9	70-130		
Surrogate: 1,2-Dichloroethane-d4	33		ug/Kg	40.0		81.5	70-130		
Surrogate: Toluene-d8	36		ug/Kg	40.0		90.2	70-130		

Batch 1222003 - No Prep VOA

Blank (1222003-BLK1)	Analyzed: 23-May-12					
Benzene	ND	5.0	ug/L			
Bromobenzene	ND	5.0	ug/L			
Bromodichloromethane	ND	5.0	ug/L			
Bromoform	ND	5.0	ug/L			
Bromomethane	ND	5.0	ug/L			
tert-Butylbenzene	ND	5.0	ug/L			
sec-Butylbenzene	ND	5.0	ug/L			
n-Butylbenzene	ND	5.0	ug/L			
Carbon disulfide	ND	5.0	ug/L			
Carbon Tetrachloride	ND	5.0	ug/L			
Chlorobenzene	ND	5.0	ug/L			
Chloroethane	ND	5.0	ug/L			
Chloroform	ND	5.0	ug/L			
Chloromethane	ND	5.0	ug/L			
2-Chlorotoluene	ND	5.0	ug/L			
4-Chlorotoluene	ND	5.0	ug/L			
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L			
Dibromochloromethane	ND	5.0	ug/L			
1,2-Dibromoethane	ND	5.0	ug/L			
Dibromomethane	ND	5.0	ug/L			
1,3-Dichlorobenzene	ND	5.0	ug/L			
1,2-Dichlorobenzene	ND	5.0	ug/L			
1,4-Dichlorobenzene	ND	5.0	ug/L			
Dichlorodifluoromethane	ND	5.0	ug/L			



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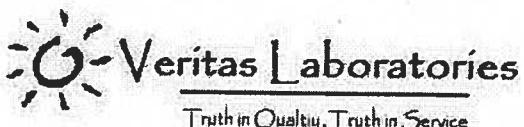
Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD RPD	RPD Limit	Qualifier
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Batch 1222003 - No Prep VOA

Blank (1222003-BLK1)	Analyzed: 23-May-12				
Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result
1,1-Dichloroethane	ND	5.0	ug/L		
1,2-Dichloroethane	ND	5.0	ug/L		
1,1-Dichloroethene	ND	5.0	ug/L		
trans-1,2-Dichloroethene	ND	5.0	ug/L		
cis-1,2-Dichloroethene	ND	5.0	ug/L		
2,2-Dichloropropane	ND	5.0	ug/L		
1,2-Dichloropropane	ND	5.0	ug/L		
1,3-Dichloropropane	ND	5.0	ug/L		
1,1-Dichloropropene	ND	5.0	ug/L		
trans-1,3-Dichloropropene	ND	5.0	ug/L		
cis-1,3-Dichloropropene	ND	5.0	ug/L		
Ethylbenzene	ND	5.0	ug/L		
Hexachlorobutadiene	ND	5.0	ug/L		
Isopropylbenzene	ND	5.0	ug/L		
p-Isopropyltoluene	ND	5.0	ug/L		
Methyl-tert-butyl ether	ND	5.0	ug/L		
Methylene Chloride	ND	5.0	ug/L		
Naphthalene	ND	5.0	ug/L		
n-Propylbenzene	ND	5.0	ug/L		
Styrene	ND	5.0	ug/L		
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L		
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L		
Tetrachloroethene	ND	5.0	ug/L		
Toluene	ND	5.0	ug/L		
1,2,4-Trichlorobenzene	ND	5.0	ug/L		
1,2,3-Trichlorobenzene	ND	5.0	ug/L		
1,1,1-Trichloroethane	ND	5.0	ug/L		
1,1,2-Trichloroethane	ND	5.0	ug/L		
Trichloroethene	ND	5.0	ug/L		
Trichlorofluoromethane	ND	5.0	ug/L		
1,2,3-Trichloropropane	ND	5.0	ug/L		
1,3,5- Trimethylbenzene	ND	5.0	ug/L		



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CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222003 - No Prep VOA										
Blank (1222003-BLK1)										
Analyzed: 23-May-12										
1,2,4- Trimethylbenzene	ND	5.0	ug/L							
Vinyl chloride	ND	5.0	ug/L							
m,p-Xylene	ND	10	ug/L							
o-Xylene	ND	5.0	ug/L							
Surrogate: 4-Bromofluorobenzene	36		ug/L	40.0		91.1	70-130			
Surrogate: Dibromofluoromethane	32		ug/L	40.0		79.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	29		ug/L	40.0		73.5	70-130			
Surrogate: Toluene-d8	34		ug/L	40.0		83.8	70-130			
LCS (1222003-BS1)										
Analyzed: 23-May-12										
Benzene	39	5.0	ug/L	40.0		97.5	80-120			
Bromobenzene	37	5.0	ug/L	40.0		92.3	80-120			
Bromodichloromethane	40	5.0	ug/L	40.0		99.5	80-120			
Bromoform	43	5.0	ug/L	40.0		107	80-120			
Bromomethane	38	5.0	ug/L	40.0		95.6	80-120			
tert-Butylbenzene	34	5.0	ug/L	40.0		85.2	80-120			
sec-Butylbenzene	34	5.0	ug/L	40.0		84.3	80-120			
n-Butylbenzene	36	5.0	ug/L	40.0		89.7	80-120			
Carbon disulfide	40	5.0	ug/L	40.0		100	80-120			
Carbon Tetrachloride	40	5.0	ug/L	40.0		101	80-120			
Chlorobenzene	36	5.0	ug/L	40.0		90.9	80-120			
Chloroethane	38	5.0	ug/L	40.0		95.2	80-120			
Chloroform	38	5.0	ug/L	40.0		94.6	80-120			
Chloromethane	32	5.0	ug/L	40.0		79.7	80-120			
2-Chlorotoluene	35	5.0	ug/L	40.0		88.7	80-120			
4-Chlorotoluene	36	5.0	ug/L	40.0		88.9	80-120			
1,2-Dibromo-3-chloropropane	51	5.0	ug/L	40.0		128	80-120			
Dibromochloromethane	39	5.0	ug/L	40.0		97.4	80-120			
1,2-Dibromoethane	40	5.0	ug/L	40.0		99.8	80-120			
Dibromomethane	42	5.0	ug/L	40.0		104	80-120			
1,3-Dichlorobenzene	34	5.0	ug/L	40.0		84.0	80-120			
1,2-Dichlorobenzene	34	5.0	ug/L	40.0		85.1	80-120			



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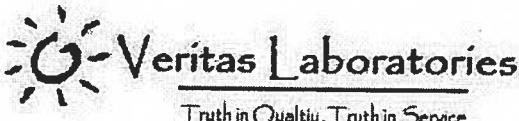
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CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222003 - No Prep VOA										
LCS (1222003-BS1)										
Analyzed: 23-May-12										
1,4-Dichlorobenzene										
28										
Dichlorodifluoromethane										
28										
1,1-Dichloroethane										
39										
1,2-Dichloroethane										
40										
1,1-Dichloroethene										
42										
trans-1,2-Dichloroethene										
40										
cis-1,2-Dichloroethene										
41										
2,2-Dichloropropane										
39										
1,2-Dichloropropane										
39										
1,3-Dichloropropane										
38										
1,1-Dichloropropene										
40										
trans-1,3-Dichloropropene										
ND										
cis-1,3-Dichloropropene										
40										
Ethylbenzene										
38										
Hexachlorobutadiene										
34										
Isopropylbenzene										
40										
p-Isopropyltoluene										
35										
Methyl-tert-butyl ether										
39										
Methylene Chloride										
96										
Naphthalene										
48										
n-Propylbenzene										
35										
Styrene										
42										
1,1,1,2-Tetrachloroethane										
37										
1,1,2,2-Tetrachloroethane										
42										
Tetrachloroethene										
39										
Toluene										
40										
1,2,4-Trichlorobenzene										
38										
1,2,3-Trichlorobenzene										
42										
1,1,1-Trichloroethane										
40										
1,1,2-Trichloroethane										
39										
Trichloroethene										
40										
Trichlorofluoromethane										
43										



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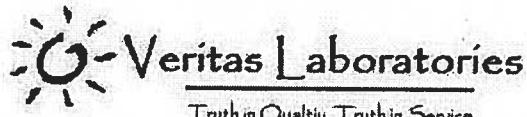
CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222003 - No Prep VOA										
LCS (1222003-BS1)										
Analyzed: 23-May-12										
1,2,3-Trichloropropane	42	5.0	ug/L	40.0		105	80-120			
1,3,5- Trimethylbenzene	37	5.0	ug/L	40.0		93.7	80-120			
1,2,4- Trimethylbenzene	36	5.0	ug/L	40.0		90.2	80-120			
Vinyl chloride	33	5.0	ug/L	40.0		83.1	80-120			
m,p-Xylene	76	10.	ug/L	80.0		95.1	80-120			
o-Xylene	35	5.0	ug/L	40.0		87.0	80-120			
Surrogate: 4-Bromofluorobenzene	34		ug/L	40.0		83.9	70-130			
Surrogate: Dibromofluoromethane	33		ug/L	40.0		82.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	30		ug/L	40.0		75.9	70-130			
Surrogate: Toluene-d8	34		ug/L	40.0		85.2	70-130			
Matrix Spike (1222003-MS1)										
Source: V12E047-01 Analyzed: 23-May-12										
Benzene	40	5.0	ug/L	40.0	ND	99.6	80-120			
Bromobenzene	37	5.0	ug/L	40.0	ND	92.1	80-120			
Bromodichloromethane	41	5.0	ug/L	40.0	ND	102	80-120			
Bromoform	42	5.0	ug/L	40.0	ND	105	80-120			
Bromomethane	39	5.0	ug/L	40.0	ND	97.3	80-120			
tert-Butylbenzene	34	5.0	ug/L	40.0	ND	84.7	80-120			
sec-Butylbenzene	34	5.0	ug/L	40.0	ND	86.0	80-120			
n-Butylbenzene	36	5.0	ug/L	40.0	ND	90.5	80-120			
Carbon disulfide	46	5.0	ug/L	40.0	1.9	110	80-120			
Carbon Tetrachloride	42	5.0	ug/L	40.0	ND	105	80-120			
Chlorobenzene	37	5.0	ug/L	40.0	ND	91.3	80-120			
Chloroethane	40	5.0	ug/L	40.0	ND	99.0	80-120			
Chloroform	38	5.0	ug/L	40.0	ND	95.0	80-120			
Chloromethane	34	5.0	ug/L	40.0	ND	84.8	80-120			
2-Chlorotoluene	35	5.0	ug/L	40.0	ND	88.3	80-120			
4-Chlorotoluene	35	5.0	ug/L	40.0	ND	88.5	80-120			
1,2-Dibromo-3-chloropropane	54	5.0	ug/L	40.0	ND	135	80-120			
Dibromochloromethane	39	5.0	ug/L	40.0	ND	98.0	80-120			
1,2-Dibromoethane	39	5.0	ug/L	40.0	ND	98.2	80-120			
Dibromomethane	42	5.0	ug/L	40.0	ND	106	80-120			

S



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control

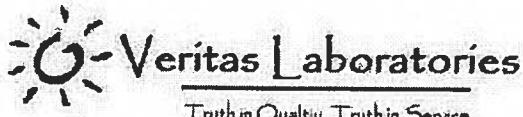
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222003 - No Prep VOA										

Matrix Spike (1222003-MS1)

Source: V12E047-01 Analyzed: 23-May-12

1,3-Dichlorobenzene	34	5.0	ug/L	40.0	ND	84.3	80-120			
1,2-Dichlorobenzene	34	5.0	ug/L	40.0	ND	85.8	80-120			
1,4-Dichlorobenzene	37	5.0	ug/L	40.0	ND	92.9	80-120			
Dichlorodifluoromethane	27	5.0	ug/L	40.0	ND	67.2	80-120			S
1,1-Dichloroethane	40	5.0	ug/L	40.0	ND	99.7	80-120			
1,2-Dichloroethane	40	5.0	ug/L	40.0	ND	100	80-120			
1,1-Dichloroethene	44	5.0	ug/L	40.0	ND	110	80-120			
trans-1,2-Dichloroethene	40	5.0	ug/L	40.0	ND	101	80-120			
cis-1,2-Dichloroethene	42	5.0	ug/L	40.0	ND	106	80-120			
2,2-Dichloropropane	40	5.0	ug/L	40.0	ND	99.8	80-120			
1,2-Dichloropropane	39	5.0	ug/L	40.0	ND	97.2	80-120			
1,3-Dichloropropane	38	5.0	ug/L	40.0	ND	95.2	80-120			
1,1-Dichloropropene	41	5.0	ug/L	40.0	ND	103	80-120			
trans-1,3-Dichloropropene	ND	5.0	ug/L		ND		80-120			
cis-1,3-Dichloropropene	40	5.0	ug/L	40.0	ND	101	80-120			
Ethylbenzene	38	5.0	ug/L	40.0	ND	95.0	80-120			
Hexachlorobutadiene	35	5.0	ug/L	40.0	ND	87.5	80-120			
Isopropylbenzene	40	5.0	ug/L	40.0	ND	101	80-120			
p-Isopropyltoluene	36	5.0	ug/L	40.0	ND	88.8	80-120			
Methyl-tert-butyl ether	39	5.0	ug/L	40.0	ND	97.2	80-120			
Methylene Chloride	97	5.0	ug/L	40.0	ND	242	80-120			S
Naphthalene	50	5.0	ug/L	40.0	ND	124	80-120			S
n-Propylbenzene	35	5.0	ug/L	40.0	ND	88.3	80-120			
Styrene	47	5.0	ug/L	40.0	ND	117	80-120			
1,1,1,2-Tetrachloroethane	36	5.0	ug/L	40.0	ND	90.5	80-120			
1,1,2,2-Tetrachloroethane	44	5.0	ug/L	40.0	ND	109	80-120			
Tetrachloroethene	39	5.0	ug/L	40.0	ND	96.8	80-120			
Toluene	40	5.0	ug/L	40.0	ND	100	80-120			
1,2,4-Trichlorobenzene	38	5.0	ug/L	40.0	ND	94.5	80-120			
1,2,3-Trichlorobenzene	45	5.0	ug/L	40.0	ND	113	80-120			
1,1,1-Trichloroethane	41	5.0	ug/L	40.0	ND	101	80-120			
1,1,2-Trichloroethane	39	5.0	ug/L	40.0	ND	97.2	80-120			



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CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222003 - No Prep VOA										

Matrix Spike (1222003-MS1)

Source: V12E047-01 Analyzed: 23-May-12

Trichloroethene	40	5.0	ug/L	40.0	ND	100	80-120			
Trichlorofluoromethane	45	5.0	ug/L	40.0	ND	113	80-120			
1,2,3-Trichloropropane	43	5.0	ug/L	40.0	ND	107	80-120			
1,3,5- Trimethylbenzene	38	5.0	ug/L	40.0	ND	93.8	80-120			
1,2,4- Trimethylbenzene	36	5.0	ug/L	40.0	ND	90.3	80-120			
Vinyl chloride	34	5.0	ug/L	40.0	ND	86.0	80-120			
m,p-Xylene	76	10	ug/L	80.0	ND	94.9	80-120			
o-Xylene	35	5.0	ug/L	40.0	ND	86.3	80-120			
Surrogate: 4-Bromofluorobenzene	34		ug/L	40.0		85.3	70-130			
Surrogate: Dibromofluoromethane	33		ug/L	40.0		82.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	31		ug/L	40.0		78.6	70-130			
Surrogate: Toluene-d8	34		ug/L	40.0		84.9	70-130			

Matrix Spike Dup (1222003-MSD1)

Source: V12E047-01 Analyzed: 23-May-12

Benzene	40	5.0	ug/L	40.0	ND	99.2	80-120	0.302	20
Bromobenzene	37	5.0	ug/L	40.0	ND	92.6	80-120	0.569	20
Bromodichloromethane	41	5.0	ug/L	40.0	ND	102	80-120	0.638	20
Bromoform	42	5.0	ug/L	40.0	ND	105	80-120	0.215	20
Bromomethane	40	5.0	ug/L	40.0	ND	101	80-120	3.78	20
tert-Butylbenzene	34	5.0	ug/L	40.0	ND	86.1	80-120	1.64	20
sec-Butylbenzene	34	5.0	ug/L	40.0	ND	85.3	80-120	0.730	20
n-Butylbenzene	37	5.0	ug/L	40.0	ND	92.9	80-120	2.67	20
Carbon disulfide	45	5.0	ug/L	40.0	1.9	109	80-120	0.854	20
Carbon Tetrachloride	42	5.0	ug/L	40.0	ND	106	80-120	0.952	20
Chlorobenzene	36	5.0	ug/L	40.0	ND	90.6	80-120	0.769	20
Chloroethane	42	5.0	ug/L	40.0	ND	106	80-120	6.95	20
Chloroform	38	5.0	ug/L	40.0	ND	94.1	80-120	1.00	20
Chloromethane	35	5.0	ug/L	40.0	ND	88.2	80-120	3.93	20
2-Chlorotoluene	36	5.0	ug/L	40.0	ND	90.8	80-120	2.79	20
4-Chlorotoluene	36	5.0	ug/L	40.0	ND	91.0	80-120	2.79	20
1,2-Dibromo-3-chloropropane	57	5.0	ug/L	40.0	ND	144	80-120	5.90	20
Dibromochloromethane	39	5.0	ug/L	40.0	ND	98.5	80-120	0.458	20



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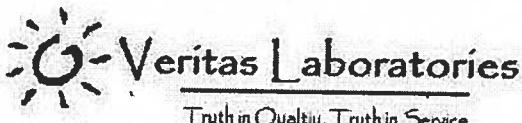
(702) 597-2098 Fax

E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant-Drum Areas
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222003 - No Prep VOA										
Matrix Spike Dup (1222003-MSD1)										
Source: V12E047-01 Analyzed: 23-May-12										
1,2-Dibromoethane	40	5.0	ug/L	40.0	ND	99.6	80-120	1.36	20	
Dibromomethane	42	5.0	ug/L	40.0	ND	106	80-120	0.614	20	
1,3-Dichlorobenzene	34	5.0	ug/L	40.0	ND	85.4	80-120	1.24	20	
1,2-Dichlorobenzene	34	5.0	ug/L	40.0	ND	85.5	80-120	0.350	20	
1,4-Dichlorobenzene	38	5.0	ug/L	40.0	ND	93.8	80-120	0.911	20	
Dichlorodifluoromethane	26	5.0	ug/L	40.0	ND	65.5	80-120	2.52	20	
1,1-Dichloroethane	40	5.0	ug/L	40.0	ND	101	80-120	0.824	20	
1,2-Dichloroethane	41	5.0	ug/L	40.0	ND	101	80-120	0.818	20	
1,1-Dichloroethene	45	5.0	ug/L	40.0	ND	112	80-120	1.78	20	
trans-1,2-Dichloroethene	40	5.0	ug/L	40.0	ND	100	80-120	0.772	20	
cis-1,2-Dichloroethene	43	5.0	ug/L	40.0	ND	107	80-120	0.966	20	
2,2-Dichloropropane	42	5.0	ug/L	40.0	ND	105	80-120	5.15	20	
1,2-Dichloropropane	39	5.0	ug/L	40.0	ND	98.6	80-120	1.38	20	
1,3-Dichloropropane	38	5.0	ug/L	40.0	ND	94.4	80-120	0.923	20	
1,1-Dichloropropene	41	5.0	ug/L	40.0	ND	102	80-120	0.682	20	
trans-1,3-Dichloropropene	ND	5.0	ug/L		ND		80-120	0.00	20	
cis-1,3-Dichloropropene	40	5.0	ug/L	40.0	ND	99.4	80-120	1.15	20	
Ethylbenzene	38	5.0	ug/L	40.0	ND	95.4	80-120	0.473	20	
Hexachlorobutadiene	37	5.0	ug/L	40.0	ND	91.7	80-120	4.74	20	
Isopropylbenzene	41	5.0	ug/L	40.0	ND	101	80-120	0.916	20	
p-Isopropyltoluene	36	5.0	ug/L	40.0	ND	89.3	80-120	0.562	20	
Methyl-tert-butyl ether	40	5.0	ug/L	40.0	ND	100	80-120	3.24	20	
Methylene Chloride	99	5.0	ug/L	40.0	ND	246	80-120	1.60	20	
Naphthalene	51	5.0	ug/L	40.0	ND	128	80-120	3.33	20	
n-Propylbenzene	35	5.0	ug/L	40.0	ND	88.4	80-120	0.0849	20	
Styrene	48	5.0	ug/L	40.0	ND	119	80-120	1.99	20	
1,1,1,2-Tetrachloroethane	36	5.0	ug/L	40.0	ND	91.2	80-120	0.825	20	
1,1,2,2-Tetrachloroethane	44	5.0	ug/L	40.0	ND	111	80-120	1.68	20	
Tetrachloroethene	39	5.0	ug/L	40.0	ND	98.4	80-120	1.64	20	
Toluene	40	5.0	ug/L	40.0	ND	101	80-120	0.447	20	
1,2,4-Trichlorobenzene	38	5.0	ug/L	40.0	ND	95.4	80-120	0.922	20	
1,2,3-Trichlorobenzene	47	5.0	ug/L	40.0	ND	117	80-120	2.98	20	



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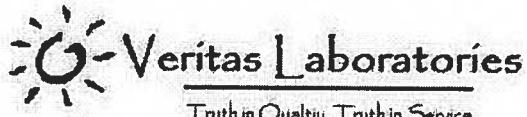
E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222003 - No Prep VOA										
Matrix Spike Dup (1222003-MSD1)										
Source: V12E047-01 Analyzed: 23-May-12										
1,1,1-Trichloroethane	41	5.0	ug/L	40.0	ND	103	80-120	1.25	20	
1,1,2-Trichloroethane	39	5.0	ug/L	40.0	ND	97.8	80-120	0.615	20	
Trichloroethene	41	5.0	ug/L	40.0	ND	103	80-120	2.59	20	
Trichlorofluoromethane	45	5.0	ug/L	40.0	ND	112	80-120	1.07	20	
1,2,3-Trichloropropane	44	5.0	ug/L	40.0	ND	109	80-120	1.90	20	
1,3,5- Trimethylbenzene	39	5.0	ug/L	40.0	ND	96.9	80-120	3.22	20	
1,2,4- Trimethylbenzene	36	5.0	ug/L	40.0	ND	90.6	80-120	0.249	20	
Vinyl chloride	35	5.0	ug/L	40.0	ND	87.6	80-120	1.81	20	
m,p-Xylene	77	10	ug/L	80.0	ND	95.9	80-120	1.06	20	
o-Xylene	35	5.0	ug/L	40.0	ND	87.1	80-120	0.922	20	
Surrogate: 4-Bromofluorobenzene	35		ug/L	40.0		86.5	70-130			
Surrogate: Dibromofluoromethane	33		ug/L	40.0		82.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	31		ug/L	40.0		77.8	70-130			
Surrogate: Toluene-d8	34		ug/L	40.0		85.3	70-130			



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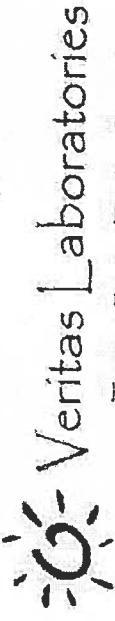
CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant-Drum Areas
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E048

Report Definitions

DF - Dilution Factor. Represents the factor applied to the reported data due to the dilution of the sample aliquot
DUP - Duplicate Sample
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MDL - Method Detection Limit
MRL - Method Reporting Limit
MS - Matrix Spike
MSD - Matrix Spike Duplicate
ND - Analyte Not Detected at or above the Reporting Limit (MRL)
% REC - Percent Recovery
RL - Reporting Limit
RPD - Relative Percent Difference
NR - Result is outside of acceptable limits and not reportable due to size constraints of the associated field

Qualifier Definitions

S Spike/Surrogate recovery outside of accepted recovery limits
R RPD outside accepted limits
DO Spike/Surrogate diluted out



Veritas Laboratories

Technical Quality Testing Services

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Veritas Lab ID:
V12E048

Client Sample Identification		Veritas Lab ID #	Sampling Date	Sampling Time	Composite	Grab	Matrix Code*	Comments	# of Containers	Preservation**	Container Code:
Drum Areas #1 - 1-6"	V12E048-01	5/16/12	1345		X		S				
Drum Areas #1 - 2-6"	-02	5/16/12	1348		X		S				
Drum Rinseate	-03	5/16/12	1400		X	0	A				
Trin Blowlk	-04	5/16/12	—		—	0	A				
Falsification of information on this Chain of Custody may be considered fraud.											
Relinquished by: (Signature)		Date/Time:	Turnaround Time:		*Matrix Code		**Preservation Codes		Received Temperature:		
<u>Dan OC Busz</u>		5/16/2012 1630	24 Hours		GW=Groundwater		I=Iced		H=HCL		
Received by: (Signature)		Date/Time:	48 Hours		WW=Wastewater		N=NHO ₃		N=NaOH		
<u>B</u>		5/16/2012 1630	72 Hours		DW=Drinking Water		S=H ₂ SO ₄		T=Na ₂ S ₂ O ₃		
Relinquished by (Signature)		Date/Time:	Normal		A=Air		X=NaOH		Z=ZnAc		
			Other		S=Soil/Solid		OL=Organic Liquid		O=Other		
Received by: (Signature)		Date/Time:	5/23/2012 Date Needed		SL=Sludge		W=Wipe		NO=None		Custody Seals? <u>Y</u>
All Data Reported on a Wet-Weight Basis. Unless Otherwise Specified											
Page <u>1</u> of <u>1</u>											

APPENDIX D

**ANALYTICAL DATA REPORTS AND
CHAIN OF CUSTODY FORMS
SHALLOW GROUNDWATER SAMPLE**



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CLIENT NAME: Kleinfelder
6380 S. Polaris Avenue
Las Vegas, NV 89118

PROJECT MGR: Dan Burns

CLIENT PROJECT NAME: **Packing Plant Groundwater**

CLIENT PROJECT NUMBER: 126687.01

VERITAS LAB ORDER ID: V12E047

DATE RECEIVED AT LAB: 16-May-12 16:30

Presented herein are the analytical results for samples received from the above referenced project.

Samples submitted for this project were not sampled by Veritas Laboratories. Unless otherwise noted, samples were received by Veritas Laboratories under a chain of custody in good condition, properly preserved, and within holding time for the requested analyses.

All laboratory analytical data presented herein was generated by a laboratory certified by the Nevada Division of Environmental Protection for each constituent and media reported for which a certification is required and offered.

Bruce G. Cunningham
Laboratory Director
Veritas Laboratories
Nevada Lab Certification ID NV00918

6/12/12

Date



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E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

CASE NARRATIVE

I. Sample Receipt/Sample Log-In

Samples were received intact with proper Chain of Custody documentation. Cooler temperature and sample preservation were verified upon receipt of samples, as applicable. No discrepancies or deficiencies were noted.

II. Analytical

No discrepancies or deficiencies were noted.

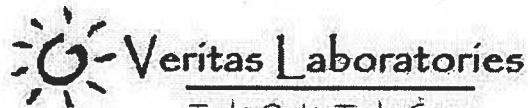
III. Quality Control

Total Petroleum Hydrocarbons by EPA 8015M

Matrix Spike Duplicate (MSD) recoveries and the Matrix Spike (MS)/MSD Relative Percent Difference (RPD) were outside laboratory control limits. However, the analytical batch was validated by the Laboratory Control Sample (LCS).

Volatile Organic Compounds by EPA 8260B

Laboratory Control Sample (LCS) and Matrix Spike (MS) recoveries were outside of laboratory control limits for certain analytes. The Matrix Spike Duplicate (MSD) recoveries were acceptable for all reported analytes.



Truth in Quality, Truth in Service

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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

SAMPLE SUMMARY

CLIENT SAMPLE ID	VERITAS SAMPLE ID	MATRIX	DATE/TIME COLLECTED	DATE/TIME RECEIVED
GW	V12E047-01	Groundwater	5/16/12 8:55	5/16/12 16:30
Trip Blank	V12E047-02	Aqueous	5/16/12 8:55	5/16/12 16:30



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CLIENT SAMPLE ID: GW
VERITAS SAMPLE ID: V12E047-01

DATE/TIME SAMPLED: 5/16/12 8:55

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Groundwater

Analysis: Herbicides

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
2,4,5-T	ND	0.0020	mg/L	1	EPA 8151	5/24/12	93-76-5	
2,4,5-TP (Silvex)	ND	0.0020	mg/L	1	EPA 8151	5/24/12	93-72-1	
2,4-D	ND	0.0020	mg/L	1	EPA 8151	5/24/12	94-75-7	
2,4-DB	ND	0.0020	mg/L	1	EPA 8151	5/24/12	94-82-6	
Dalapon	ND	0.20	mg/L	1	EPA 8151	5/24/12	75-99-0	
Dicamba	ND	0.0020	mg/L	1	EPA 8151	5/24/12	1918-00-9	
Dichloroprop	ND	0.0020	mg/L	1	EPA 8151	5/24/12	120-36-5	
Dinoseb	ND	0.0020	mg/L	1	EPA 8151	5/24/12	88-85-7	
MCPA	ND	0.10	mg/L	1	EPA 8151	5/24/12	94-74-6	
MCPP	ND	0.10	mg/L	1	EPA 8151	5/24/12	93-65-2	
Surrogate: 2,4-Dichlorophenyl Acetic Acid		73	42-112 % Recovery	1	EPA 8151	5/24/12	5807-30-7	

Analysis: Organophosphorus Pesticides

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Azinphos-Methyl	ND	0.0010	mg/L	1	EPA 8141	5/24/12	86-50-0	
Bolstar (Sulprofos)	ND	0.0010	mg/L	1	EPA 8141	5/24/12	35400-43-2	
Chlorpyrifos	ND	0.0010	mg/L	1	EPA 8141	5/24/12	2921-88-2	
Coumaphos	ND	0.0010	mg/L	1	EPA 8141	5/24/12	56-72-4	
Demeton,-O and -S	ND	0.0020	mg/L	1	EPA 8141	5/24/12	8065-48-3	
Diazinon	ND	0.0010	mg/L	1	EPA 8141	5/24/12	333-41-5	
Dichlorvos	ND	0.0020	mg/L	1	EPA 8141	5/24/12	62-73-7	
Dimethoate	ND	0.0010	mg/L	1	EPA 8141	5/24/12	60-51-5	
Disulfoton	ND	0.0010	mg/L	1	EPA 8141	5/24/12	298-04-4	
EPN	ND	0.0010	mg/L	1	EPA 8141	5/24/12	2104-64-5	
Ethoprop	ND	0.0010	mg/L	1	EPA 8141	5/24/12	13194-48-4	
Ethyl Parathion	ND	0.0010	mg/L	1	EPA 8141	5/24/12	56-38-2	
Fensulfothion	ND	0.0010	mg/L	1	EPA 8141	5/24/12	115-90-2	
Fenthion	ND	0.0010	mg/L	1	EPA 8141	5/24/12	55-38-9	
Malathion	ND	0.0010	mg/L	1	EPA 8141	5/24/12	121-75-5	
Merphos	ND	0.0020	mg/L	1	EPA 8141	5/24/12	150-50-5	
Methyl parathion	ND	0.0010	mg/L	1	EPA 8141	5/24/12	298-00-0	



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VERITAS LAB ORDER ID: V12E047

CLIENT SAMPLE ID: GW
VERITAS SAMPLE ID: V12E047-01

DATE/TIME SAMPLED: 5/16/12 8:55

DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Groundwater

Analysis: Organophosphorus Pesticides

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Mevinphos	ND	0.0010	mg/L	1	EPA 8141	5/24/12	7786-34-7	
Naled	ND	0.0010	mg/L	1	EPA 8141	5/24/12	300-76-5	
Phorate	ND	0.0010	mg/L	1	EPA 8141	5/24/12	298-02-2	
Ronnel	ND	0.0010	mg/L	1	EPA 8141	5/24/12	299-84-3	
Stirophos	ND	0.0010	mg/L	1	EPA 8141	5/24/12	22248-79-9	
Sulfotep	ND	0.0010	mg/L	1	EPA 8141	5/24/12	3689-24-5	
TEPP	ND	0.010	mg/L	1	EPA 8141	5/24/12	21646-99-1	
Tokuthion (Prothothifos)	ND	0.0010	mg/L	1	EPA 8141	5/24/12	34643-46-4	
Trichloronate	ND	0.0010	mg/L	1	EPA 8141	5/24/12	327-98-0	
<i>Surrogate: Tributyl Phosphate</i>	108	50-150	% Recovery	1	EPA 8141	5/24/12	126-73-8	
<i>Surrogate: Triphenyl Phosphate</i>	105	50-150	% Recovery	1	EPA 8141	5/24/12	115-86-6	

Analysis: Total Metals

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Arsenic, Total	ND	0.030	mg/L	1	EPA 6010B	5/22/12	7440-38-2	
Barium, Total	0.011	0.0030	mg/L	1	EPA 6010B	5/22/12	7440-39-3	
Cadmium, Total	ND	0.0030	mg/L	1	EPA 6010B	5/22/12	7440-43-9	
Chromium, Total	ND	0.0050	mg/L	1	EPA 6010B	5/22/12	7440-47-3	
Mercury, Total	ND	0.00020	mg/L	1	EPA 7470A	5/21/12	7439-97-6	
Lead, Total	ND	0.015	mg/L	1	EPA 6010B	5/22/12	7439-92-1	
Selenium, Total	ND	0.050	mg/L	1	EPA 6010B	5/22/12	7782-49-2	
Silver, Total	ND	0.010	mg/L	1	EPA 6010B	5/22/12	7440-22-4	

Analysis: Total Petroleum Hydrocarbons by GC/FID

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Total TPH (C6-C35)	ND	1.0	mg/L	1	Calculation	5/23/12	NA	
TPH-GRO (C6-C10)	ND	1.0	mg/L	1	EPA 8015M	5/23/12	NA	
TPH-DRO (C10-C28)	ND	1.0	mg/L	1	EPA 8015M	5/23/12	NA	



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CLIENT SAMPLE ID: GW
VERITAS SAMPLE ID: V12E047-01

DATE/TIME SAMPLED: 5/16/12 8:55

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Matrix: Groundwater

Analysis: Total Petroleum Hydrocarbons by GC/FID

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
TPH-ORO (C28-C35)	ND	1.0	mg/L	1	EPA 8015M	5/23/12	NA	
Surrogate: Bromofluorobenzene	95.6	70-130	% Recovery	1	EPA 8015M	5/23/12	460-00-4	
Surrogate: Pentacosane	96.5	70-130	% Recovery	1	EPA 8015M	5/23/12	629-99-2	

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Dichlorodifluoromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-71-8	
Chloromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	74-87-3	
Vinyl chloride	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-01-4	
Bromomethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	74-83-9	
Chloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-00-3	
Trichlorofluoromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-69-4	
1,1-Dichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-35-4	
Carbon disulfide	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-15-0	
Methylene Chloride	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-09-2	
trans-1,2-Dichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	156-60-5	
Methyl-tert-butyl ether	ND	5.0	ug/L	1	EPA 8260B	5/23/12	1634-04-4	
1,1-Dichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-34-3	
cis-1,2-Dichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	156-59-4	
2,2-Dichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	594-20-7	
Chloroform	ND	5.0	ug/L	1	EPA 8260B	5/23/12	67-66-3	
Carbon Tetrachloride	ND	5.0	ug/L	1	EPA 8260B	5/23/12	56-23-5	
1,1,1-Trichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	71-55-6	
1,1-Dichloropropene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	563-58-6	
Benzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	71-43-2	
1,2-Dichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	107-06-2	
Trichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	79-01-6	
Dibromomethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	74-95-3	
1,2-Dichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	78-87-5	
Bromodichloromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-27-4	
trans-1,3-Dichloropropene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	10061-02-6	



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CLIENT SAMPLE ID: GW
VERITAS SAMPLE ID: V12E047-01

DATE/TIME SAMPLED: 5/16/12 8:55
DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Groundwater

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Toluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-88-3	
Tetrachloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	127-18-4	
cis-1,3-Dichloropropene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	10061-01-5	
1,1,2-Trichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	79-00-5	
Dibromochloromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	124-48-1	
1,3-Dichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	142-28-9	
1,2-Dibromoethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	106-93-4	
Chlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-90-7	
Ethylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	100-41-4	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	630-20-6	
m,p-Xylene	ND	10	ug/L	1	EPA 8260B	5/23/12	108-38-3/106-42-3	
o-Xylene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	95-47-6	
Bromoform	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-25-2	
Styrene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	100-42-5	
Isopropylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	98-82-8	
Bromobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-86-1	
n-Propylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	103-65-1	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	79-34-5	
2-Chlorotoluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	95-49-8	
1,2,3-Trichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	96-18-4	
1,3,5- Trimethylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-67-8	
4-Chlorotoluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	106-43-4	
tert-Butylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	98-06-6	
1,2,4- Trimethylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	526-73-8	
sec-Butylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	135-98-8	
p-Isopropyltoluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	99-87-6	
1,3-Dichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	541-73-1	
1,4-Dichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	106-46-7	
n-Butylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	104-51-8	
1,2-Dichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	95-50-1	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	96-12-8	
Hexachlorobutadiene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	87-68-3	
1,2,4-Trichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	120-82-1	
Naphthalene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	91-20-3	



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CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

CLIENT SAMPLE ID: GW DATE/TIME SAMPLED: 5/16/12 8:55
VERITAS SAMPLE ID: V12E047-01 DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Groundwater

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
1,2,3-Trichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	87-61-6	
Surrogate: Dibromofluoromethane	80.4	70-130	% Recovery	1	EPA 8260B	5/23/12	1868-53-7	
Surrogate: 1,2-Dichloroethane-d4	75.0	70-130	% Recovery	1	EPA 8260B	5/23/12	10706-07-0	
Surrogate: Toluene-d8	84.6	70-130	% Recovery	1	EPA 8260B	5/23/12	2037-26-5	
Surrogate: 4-Bromofluorobenzene	91.8	70-130	% Recovery	1	EPA 8260B	5/23/12	460-00-4	



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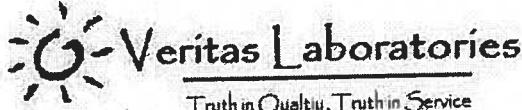
CLIENT SAMPLE ID: Trip Blank
VERITAS SAMPLE ID: V12E047-02

DATE/TIME SAMPLED: 5/16/12 8:55
DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Aqueous

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
Dichlorodifluoromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-71-8	
Chloromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	74-87-3	
Vinyl chloride	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-01-4	
Bromomethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	74-83-9	
Chloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-00-3	
Trichlorofluoromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-69-4	
1,1-Dichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-35-4	
Carbon disulfide	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-15-0	
Methylene Chloride	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-09-2	
trans-1,2-Dichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	156-60-5	
Methyl-tert-butyl ether	ND	5.0	ug/L	1	EPA 8260B	5/23/12	1634-04-4	
1,1-Dichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-34-3	
cis-1,2-Dichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	156-59-4	
2,2-Dichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	594-20-7	
Chloroform	ND	5.0	ug/L	1	EPA 8260B	5/23/12	67-66-3	
Carbon Tetrachloride	ND	5.0	ug/L	1	EPA 8260B	5/23/12	56-23-5	
1,1,1-Trichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	71-55-6	
1,1-Dichloropropene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	563-58-6	
Benzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	71-43-2	
1,2-Dichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	107-06-2	
Trichloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	79-01-6	
Dibromomethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	74-95-3	
1,2-Dichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	78-87-5	
Bromodichloromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-27-4	
trans-1,3-Dichloropropene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	10061-02-6	
Toluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-88-3	
Tetrachloroethene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	127-18-4	
cis-1,3-Dichloropropene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	10061-01-5	
1,1,2-Trichloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	79-00-5	
Dibromochloromethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	124-48-1	
1,3-Dichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	142-28-9	
1,2-Dibromoethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	106-93-4	
Chlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-90-7	
Ethylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	100-41-4	



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CLIENT SAMPLE ID: Trip Blank
VERITAS SAMPLE ID: V12E047-02

DATE/TIME SAMPLED: 5/16/12 8:55
DATE/TIME RECEIVED: 5/16/12 16:30

Matrix: Aqueous

Analysis: Volatile Organic Compounds

PARAMETER	RESULT	RL (MRL)	UNITS	DF	METHOD	DATE ANALYZED	CAS NO.	QUAL
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	630-20-6	
m,p-Xylene	ND	10	ug/L	1	EPA 8260B	5/23/12	108-38-3/106-42-3	
o-Xylene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	95-47-6	
Bromoform	ND	5.0	ug/L	1	EPA 8260B	5/23/12	75-25-2	
Styrene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	100-42-5	
Isopropylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	98-82-8	
Bromobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	103-65-1	
n-Propylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	79-34-5	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	95-49-8	
2-Chlorotoluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	96-18-4	
1,2,3-Trichloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	108-67-8	
1,3,5- Trimethylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	106-43-4	
4-Chlorotoluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	98-06-6	
tert-Butylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	526-73-8	
1,2,4- Trimethylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	135-98-8	
sec-Butylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	99-87-6	
p-Isopropyltoluene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	541-73-1	
1,3-Dichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	106-46-7	
1,4-Dichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	104-51-8	
n-Butylbenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	95-50-1	
1,2-Dichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	96-12-8	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1	EPA 8260B	5/23/12	87-68-3	
Hexachlorobutadiene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	120-82-1	
1,2,4-Trichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	91-20-3	
Naphthalene	ND	5.0	ug/L	1	EPA 8260B	5/23/12	87-61-6	
1,2,3-Trichlorobenzene	ND	5.0	ug/L	1	EPA 8260B	5/23/12		
Surrogate: Dibromofluoromethane	80.2	70-130	% Recovery	1	EPA 8260B	5/23/12	1868-53-7	
Surrogate: 1,2-Dichloroethane-d4	83.5	70-130	% Recovery	1	EPA 8260B	5/23/12	10706-07-0	
Surrogate: Toluene-d8	85.9	70-130	% Recovery	1	EPA 8260B	5/23/12	2037-26-5	
Surrogate: 4-Bromofluorobenzene	91.6	70-130	% Recovery	1	EPA 8260B	5/23/12	460-00-4	



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

Herbicides - Quality Control
Environmental Science Corporation

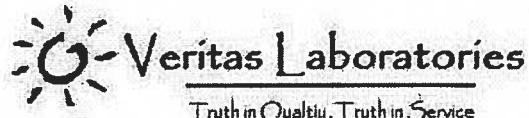
Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch WG594152 - METHOD

BLANK (WG594152-BLK1)				Analyzed: 24-May-12					
2,4,5-T	ND	0.0020	mg/L					-	
2,4,5-TP (Silvex)	ND	0.0020	mg/L					-	
2,4-D	ND	0.0020	mg/L					-	
2,4-DB	ND	0.0020	mg/L					-	
Dalapon	ND	0.0020	mg/L					-	
Dicamba	ND	0.0020	mg/L					-	
Dichloroprop	ND	0.0020	mg/L					-	
Dinoseb	ND	0.0020	mg/L					-	
MCPA	ND	0.10	mg/L					-	
MCPP	ND	0.10	mg/L					-	
<i>Surrogate: 2,4-Dichlorophenyl Acetic Acid</i>	80.39		mg/L		80.39	42-112			

LCS (WG594152-LCS1)				Analyzed: 24-May-12				
2,4,5-T	0.0043	0.0020	mg/L	0.005	85.9	47-120		
2,4,5-TP (Silvex)	0.0043	0.0020	mg/L	0.005	86.6	46-125		
2,4-D	0.0041	0.0020	mg/L	0.005	82.7	39-112		
2,4-DB	0.0050	0.0020	mg/L	0.005	100	29-133		
Dalapon	0.0036	0.0020	mg/L	0.005	72.1	34-97		
Dicamba	0.0044	0.0020	mg/L	0.005	88.1	47-119		
Dichloroprop	0.0051	0.0020	mg/L	0.005	102	35-110		
Dinoseb	0.0047	0.0020	mg/L	0.005	94.6	29-111		
MCPA	0.31	0.10	mg/L	0.500	62.9	34-120		
MCPP	0.46	0.10	mg/L	0.500	91.1	16-189		
<i>Surrogate: 2,4-Dichlorophenyl Acetic Acid</i>	75.47		mg/L	0.00	75.47	42-112		

LCSD (WG594152-LCSD1)				Analyzed: 24-May-12				
2,4,5-T	0.0043	0.0020	mg/L	0.005	86.0	47-120	0.0351	22
2,4,5-TP (Silvex)	0.0043	0.0020	mg/L	0.005	86.0	46-125	0.379	25
2,4-D	0.0042	0.0020	mg/L	0.005	84.0	39-112	2.18	23
2,4-DB	0.0050	0.0020	mg/L	0.005	101	29-133	0.110	34
Dalapon	0.0036	0.0020	mg/L	0.005	72.0	34-97	0.159	35
Dicamba	0.0044	0.0020	mg/L	0.005	88.0	47-119	0.379	22



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CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

Herbicides - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD RPD	RPD Limit	Qualifier
Batch WG594152 - METHOD										
LCSD (WG594152-LCSD1)										
Analyzed: 24-May-12										
Dichloroprop	0.0051	0.0020	mg/L	0.005		102	35-110	0.158	23	
Dinoseb	0.0048	0.0020	mg/L	0.005		96.0	29-111	1.89	27	
MCPA	0.32	0.10	mg/L	0.500		63.0	34-120	0.268	31	
MCPP	0.46	0.10	mg/L	0.500		91.0	16-189	0.112	31	
<i>Surrogate: 2,4-Dichlorophenyl Acetic Acid</i>	74.28		mg/L	0.00		74.28	42-112			



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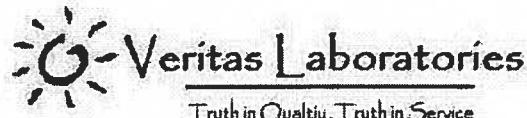
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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

Organophosphorus Pesticides - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG593951 - METHOD										
BLANK (WG593951-BLK1)										
Analyzed: 23-May-12										
Azinphos-Methyl										
ND										
Bolstar (Sulprofos)										
ND										
Chlorpyrifos										
ND										
Coumaphos										
ND										
Demeton,-O and -S										
ND										
Diazinon										
ND										
Dichlorvos										
ND										
Dimethoate										
ND										
Disulfoton										
ND										
EPN										
ND										
Ethoprop										
ND										
Ethyl Parathion										
ND										
Fensulfothion										
ND										
Fenthion										
ND										
Malathion										
ND										
Merphos										
ND										
Methyl parathion										
ND										
Mevinphos										
ND										
Naled										
ND										
Phorate										
ND										
Ronnel										
ND										
Stirophos										
ND										
Sulfotep										
ND										
TEPP										
ND										
Tokuthion (Prothothifos)										
ND										
Trichloronate										
ND										
<i>Surrogate: Tributyl Phosphate</i>		79.34		mg/L		79.34	50-150			
<i>Surrogate: Triphenyl Phosphate</i>		98.88		mg/L		98.88	50-150			



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CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

Organophosphorus Pesticides - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG593951 - METHOD										
LCS (WG593951-LCS1)										
Analyzed: 23-May-12										
Azinphos-Methyl	0.0052	0.0010	mg/L	0.005		105	49-126			
Bolstar (Sulprofos)	0.0050	0.0010	mg/L	0.005		101	49-122			
Chlorpyrifos	0.0049	0.0010	mg/L	0.005		98.8	46-124			
Coumaphos	0.0048	0.0010	mg/L	0.005		95.5	49-126			
Demeton,-O and -S	0.0025	0.0020	mg/L	0.005		50.2	10-105			
Diazinon	0.0052	0.0010	mg/L	0.005		104	43-143			
Dichlorvos	0.0039	0.0020	mg/L	0.005		77.8	41-113			
Dimethoate	0.0029	0.0010	mg/L	0.005		58.8	18-104			
Disulfoton	0.0050	0.0010	mg/L	0.005		100	45-123			
EPN	0.0057	0.0010	mg/L	0.005		115	51-130			
Ethoprop	0.0049	0.0010	mg/L	0.005		98.3	42-125			
Ethyl Parathion	0.0055	0.0010	mg/L	0.005		110	55-122			
Fensulfothion	0.0043	0.0010	mg/L	0.005		85.7	23-133			
Fenthion	0.0048	0.0010	mg/L	0.005		96.3	42-128			
Malathion	0.0053	0.0010	mg/L	0.005		105	53-120			
Merphos	0.0045	0.0020	mg/L	0.005		89.4	10-177			
Methyl parathion	0.0053	0.0010	mg/L	0.005		105	47-126			
Mevinphos	0.0044	0.0010	mg/L	0.005		88.3	41-134			
Naled	0.0050	0.0010	mg/L	0.005		101	17-155			
Phorate	0.0046	0.0010	mg/L	0.005		91.5	30-139			
Ronnel	0.0049	0.0010	mg/L	0.005		97.4	45-120			
Stirophos	0.0051	0.0010	mg/L	0.005		102	47-127			
Sulfotep	0.0049	0.0010	mg/L	0.005		97.8	51-122			
TEPP	0.00097	0.010	mg/L	0.005		19.4	10-137			
Tokuthion (Prothothiofos)	0.0053	0.0010	mg/L	0.005		106	47-122			
Trichloronate	0.0050	0.0010	mg/L	0.005		101	41-122			
Surrogate: Tributyl Phosphate	111.9		mg/L	0.00		111.9	69-119			
Surrogate: Triphenyl Phosphate	105.5		mg/L	0.00		105.5	50-150			



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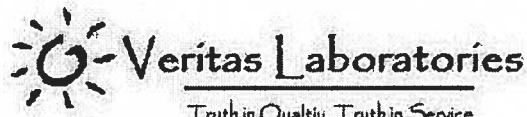
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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

Organophosphorus Pesticides - Quality Control
Environmental Science Corporation

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch WG593951 - METHOD										
LCSD (WG593951-LCSD1)										
Analyzed: 23-May-12										
Azinphos-Methyl	0.0051	0.0010	mg/L	0.005	103	49-126	1.59	27		
Bolstar (Sulprofos)	0.0050	0.0010	mg/L	0.005	99.0	49-122	1.17	25		
Chlorpyrifos	0.0050	0.0010	mg/L	0.005	99.0	46-124	0.525	25		
Coumaphos	0.0046	0.0010	mg/L	0.005	93.0	49-126	2.54	26		
Demeton,-O and -S	0.0024	0.0020	mg/L	0.005	49.0	10-105	2.78	23		
Diazinon	0.0052	0.0010	mg/L	0.005	103	43-143	0.295	23		
Dichlorvos	0.0041	0.0020	mg/L	0.005	82.0	41-113	4.75	21		
Dimethoate	0.0029	0.0010	mg/L	0.005	58.0	18-104	0.801	34		
Disulfoton	0.0050	0.0010	mg/L	0.005	99.0	45-123	1.16	23		
EPN	0.0055	0.0010	mg/L	0.005	110	51-130	4.09	27		
Ethoprop	0.0049	0.0010	mg/L	0.005	98.0	42-125	0.504	21		
Ethyl Parathion	0.0054	0.0010	mg/L	0.005	108	55-122	2.00	24		
Fensulfothion	0.0043	0.0010	mg/L	0.005	85.0	23-133	0.360	35		
Fenthion	0.0048	0.0010	mg/L	0.005	96.0	42-128	0.391	24		
Malathion	0.0053	0.0010	mg/L	0.005	105	53-120	0.0497	24		
Merphos	0.0044	0.0020	mg/L	0.005	88.0	10-177	1.58	34		
Methyl parathion	0.0053	0.0010	mg/L	0.005	106	47-126	0.854	25		
Mevinphos	0.0045	0.0010	mg/L	0.005	90.0	41-134	1.48	23		
Naled	0.0050	0.0010	mg/L	0.005	101	17-155	0.474	25		
Phorate	0.0047	0.0010	mg/L	0.005	94.0	30-139	3.14	22		
Ronnel	0.0048	0.0010	mg/L	0.005	97.0	45-120	0.430	23		
Stirophos	0.0051	0.0010	mg/L	0.005	102	47-127	0.620	26		
Sulfotep	0.0049	0.0010	mg/L	0.005	99.0	51-122	1.07	23		
TEPP	0.0013	0.010	mg/L	0.005	27.0	10-137	31.4	40		
Tokuthion (Prothothiofos)	0.0052	0.0010	mg/L	0.005	105	47-122	0.889	24		
Trichloronate	0.0050	0.0010	mg/L	0.005	100	41-122	0.694	24		
Surrogate: Tributyl Phosphate	113.1		mg/L	0.00	113.1	50-150				
Surrogate: Triphenyl Phosphate	103.4		mg/L	0.00	103.4	56-116				



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

Total Metals - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch 1221007 - EPA 3010A

Blank (1221007-BLK1)		Analyzed: 22-May-12						
Barium, Total	ND	0.0030	mg/L					
Cadmium, Total	ND	0.0030	mg/L					
Chromium, Total	ND	0.0050	mg/L					
Lead, Total	ND	0.015	mg/L					
Selenium, Total	ND	0.050	mg/L					
Silver, Total	ND	0.010	mg/L					
Arsenic, Total	ND	0.030	mg/L					
LCS (1221007-BS1)		Analyzed: 22-May-12						
Barium, Total	0.50	0.0030	mg/L	0.500	99.4	85-115		
Cadmium, Total	0.51	0.0030	mg/L	0.500	102	85-115		
Chromium, Total	0.52	0.0050	mg/L	0.500	103	85-115		
Lead, Total	0.50	0.015	mg/L	0.500	99.0	85-115		
Selenium, Total	0.52	0.050	mg/L	0.500	104	85-115		
Silver, Total	0.50	0.010	mg/L	0.500	101	85-115		
Arsenic, Total	0.49	0.030	mg/L	0.500	97.4	85-115		
LCS Dup (1221007-BSD1)		Analyzed: 22-May-12						
Barium, Total	0.48	0.0030	mg/L	0.500	96.2	85-115	3.27	20
Cadmium, Total	0.50	0.0030	mg/L	0.500	100	85-115	1.38	20
Chromium, Total	0.51	0.0050	mg/L	0.500	102	85-115	1.37	20
Lead, Total	0.48	0.015	mg/L	0.500	96.8	85-115	2.25	20
Selenium, Total	0.51	0.050	mg/L	0.500	101	85-115	2.34	20
Silver, Total	0.50	0.010	mg/L	0.500	99.2	85-115	1.60	20
Arsenic, Total	0.48	0.030	mg/L	0.500	96.4	85-115	1.03	20
Matrix Spike (1221007-MS1)		Source: V12E042-01 Analyzed: 22-May-12						
Barium, Total	0.48	0.0030	mg/L	0.500	0.022	90.7	70-130	
Cadmium, Total	0.47	0.0030	mg/L	0.500	ND	94.6	70-130	
Chromium, Total	0.44	0.0050	mg/L	0.500	ND	87.4	70-130	
Lead, Total	0.48	0.015	mg/L	0.500	ND	95.2	70-130	
Selenium, Total	0.50	0.050	mg/L	0.500	ND	99.0	70-130	
Silver, Total	0.50	0.010	mg/L	0.500	ND	99.8	70-130	



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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

Total Metals - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD RPD	RPD Limit	Qualifier
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Batch 1221007 - EPA 3010A

Matrix Spike (1221007-MS1)	Source: V12E042-01			Analyzed: 22-May-12				
Arsenic, Total	0.47	0.030	mg/L	0.500	ND	94.4	70-130	
Matrix Spike Dup (1221007-MSD1)								
Source: V12E042-01								
Barium, Total	0.48	0.0030	mg/L	0.500	0.022	92.3	70-130	1.67
Cadmium, Total	0.48	0.0030	mg/L	0.500	ND	96.2	70-130	1.68
Chromium, Total	0.44	0.0050	mg/L	0.500	ND	88.6	70-130	1.36
Lead, Total	0.49	0.015	mg/L	0.500	ND	97.2	70-130	2.08
Selenium, Total	0.50	0.050	mg/L	0.500	ND	99.8	70-130	0.805
Silver, Total	0.52	0.010	mg/L	0.500	ND	103	70-130	3.16
Arsenic, Total	0.48	0.030	mg/L	0.500	ND	96.4	70-130	2.10



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CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

Total Petroleum Hydrocarbons by GC/FID - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD RPD	RPD Limit	Qualifier
Batch 1221009 - TNRCC Method 1005										
Blank (1221009-BLK1)										
Analyzed: 23-May-12										
TPH-GRO (C6-C10)	ND	1.0	mg/L							
TPH-DRO (C10-C28)	ND	1.0	mg/L							
TPH-ORO (C28-C35)	ND	1.0	mg/L							
Surrogate: Bromofluorobenzene	20		mg/L	20.0		101	70-130			
Surrogate: Pentacosane	20		mg/L	20.0		100	70-130			
LCS (1221009-BS1)										
Analyzed: 23-May-12										
TPH-GRO (C6-C10)	110	1.0	mg/L	100		110	75-125			
TPH-DRO (C10-C28)	110	1.0	mg/L	100		109	75-125			
Surrogate: Bromofluorobenzene	23		mg/L	20.0		116	70-130			
Surrogate: Pentacosane	22		mg/L	20.0		110	70-130			
Matrix Spike (1221009-MS1)										
Source: V12E047-01 Analyzed: 12-Jun-12										
TPH-GRO (C6-C10)	100	1.0	mg/L	100	ND	102	75-125			
TPH-DRO (C10-C28)	98	1.0	mg/L	100	ND	98.0	75-125			
Surrogate: Bromofluorobenzene	20		mg/L	20.0		102	70-130			
Surrogate: Pentacosane	20		mg/L	20.0		98.0	70-130			
Matrix Spike Dup (1221009-MSD1)										
Source: V12E047-01 Analyzed: 12-Jun-12										
TPH-GRO (C6-C10)	140	1.0	mg/L	100	ND	144	75-125	34.6	20	R, S
TPH-DRO (C10-C28)	150	1.0	mg/L	100	ND	148	75-125	40.5	20	R, S
Surrogate: Bromofluorobenzene	150		mg/L	20.0		756	70-130			S
Surrogate: Pentacosane	140		mg/L	20.0		715	70-130			S



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Email: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch 1222003 - No Prep VOA

Blank (1222003-BLK1)	Analyzed: 23-May-12									
Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Dichlorodifluoromethane	ND	5.0	ug/L							
Chloromethane	ND	5.0	ug/L							
Vinyl chloride	ND	5.0	ug/L							
Bromomethane	ND	5.0	ug/L							
Chloroethane	ND	5.0	ug/L							
Trichlorofluoromethane	ND	5.0	ug/L							
1,1-Dichloroethene	ND	5.0	ug/L							
Carbon disulfide	ND	5.0	ug/L							
Methylene Chloride	ND	5.0	ug/L							
trans-1,2-Dichloroethene	ND	5.0	ug/L							
Methyl-tert-butyl ether	ND	5.0	ug/L							
1,1-Dichloroethane	ND	5.0	ug/L							
cis-1,2-Dichloroethene	ND	5.0	ug/L							
2,2-Dichloropropane	ND	5.0	ug/L							
Chloroform	ND	5.0	ug/L							
Carbon Tetrachloride	ND	5.0	ug/L							
1,1,1-Trichloroethane	ND	5.0	ug/L							
1,1-Dichloropropene	ND	5.0	ug/L							
Benzene	ND	5.0	ug/L							
1,2-Dichloroethane	ND	5.0	ug/L							
Trichloroethene	ND	5.0	ug/L							
Dibromomethane	ND	5.0	ug/L							
1,2-Dichloropropane	ND	5.0	ug/L							
Bromodichloromethane	ND	5.0	ug/L							
trans-1,3-Dichloropropene	ND	5.0	ug/L							
Toluene	ND	5.0	ug/L							
Tetrachloroethene	ND	5.0	ug/L							
cis-1,3-Dichloropropene	ND	5.0	ug/L							
1,1,2-Trichloroethane	ND	5.0	ug/L							
Dibromochloromethane	ND	5.0	ug/L							
1,3-Dichloropropane	ND	5.0	ug/L							
1,2-Dibromoethane	ND	5.0	ug/L							



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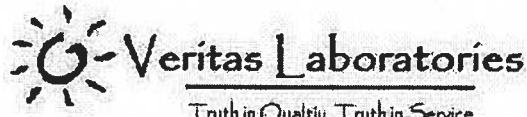
E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222003 - No Prep VOA										
Blank (1222003-BLK1)										
Analyzed: 23-May-12										
Chlorobenzene										
Ethylbenzene										
1,1,1,2-Tetrachloroethane										
m,p-Xylene										
o-Xylene										
Bromoform										
Styrene										
Isopropylbenzene										
Bromobenzene										
n-Propylbenzene										
1,1,2,2-Tetrachloroethane										
2-Chlorotoluene										
1,2,3-Trichloropropane										
1,3,5- Trimethylbenzene										
4-Chlorotoluene										
tert-Butylbenzene										
1,2,4- Trimethylbenzene										
sec-Butylbenzene										
p-Isopropyltoluene										
1,3-Dichlorobenzene										
1,4-Dichlorobenzene										
n-Butylbenzene										
1,2-Dichlorobenzene										
1,2-Dibromo-3-chloropropane										
Hexachlorobutadiene										
1,2,4-Trichlorobenzene										
Naphthalene										
1,2,3-Trichlorobenzene										
Surrogate: Dibromofluoromethane	32	ug/L	40.0		79.4	70-130				
Surrogate: 1,2-Dichloroethane-d4	29	ug/L	40.0		73.5	70-130				
Surrogate: Toluene-d8	34	ug/L	40.0		83.8	70-130				
Surrogate: 4-Bromofluorobenzene	36	ug/L	40.0		91.1	70-130				



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 CLIENT PROJECT NAME: Packing Plant Groundwater
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E047

Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222003 - No Prep VOA										
LCS (1222003-BS1)										
Analyzed: 23-May-12										
Dichlorodifluoromethane	28	5.0	ug/L	40.0	69.3	80-120				S
Chloromethane	32	5.0	ug/L	40.0	79.7	80-120				S
Vinyl chloride	33	5.0	ug/L	40.0	83.1	80-120				
Bromomethane	38	5.0	ug/L	40.0	95.6	80-120				
Chloroethane	38	5.0	ug/L	40.0	95.2	80-120				
Trichlorofluoromethane	43	5.0	ug/L	40.0	107	80-120				
1,1-Dichloroethene	42	5.0	ug/L	40.0	105	80-120				
Carbon disulfide	40	5.0	ug/L	40.0	100	80-120				
Methylene Chloride	96	5.0	ug/L	40.0	240	80-120				S
trans-1,2-Dichloroethene	40	5.0	ug/L	40.0	100	80-120				
Methyl-tert-butyl ether	39	5.0	ug/L	40.0	97.0	80-120				
1,1-Dichloroethane	39	5.0	ug/L	40.0	96.4	80-120				
cis-1,2-Dichloroethene	41	5.0	ug/L	40.0	104	80-120				
2,2-Dichloropropane	39	5.0	ug/L	40.0	98.7	80-120				
Chloroform	38	5.0	ug/L	40.0	94.6	80-120				
Carbon Tetrachloride	40	5.0	ug/L	40.0	101	80-120				
1,1,1-Trichloroethane	40	5.0	ug/L	40.0	99.6	80-120				
1,1-Dichloropropene	40	5.0	ug/L	40.0	98.8	80-120				
Benzene	39	5.0	ug/L	40.0	97.5	80-120				
1,2-Dichloroethane	40	5.0	ug/L	40.0	98.9	80-120				
Trichloroethene	40	5.0	ug/L	40.0	100	80-120				
Dibromomethane	42	5.0	ug/L	40.0	104	80-120				
1,2-Dichloropropane	39	5.0	ug/L	40.0	96.5	80-120				
Bromodichloromethane	40	5.0	ug/L	40.0	99.5	80-120				
trans-1,3-Dichloropropene	ND	5.0	ug/L			80-120				
Toluene	40	5.0	ug/L	40.0	101	80-120				
Tetrachloroethene	39	5.0	ug/L	40.0	97.8	80-120				
cis-1,3-Dichloropropene	40	5.0	ug/L	40.0	99.0	80-120				
1,1,2-Trichloroethane	39	5.0	ug/L	40.0	96.4	80-120				
Dibromochloromethane	39	5.0	ug/L	40.0	97.4	80-120				
1,3-Dichloropropane	38	5.0	ug/L	40.0	94.0	80-120				



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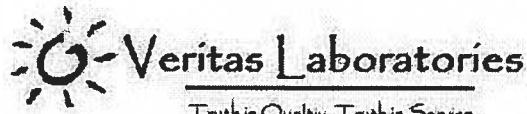
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Email: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

Volatile Organic Compounds - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222003 - No Prep VOA										
LCS (1222003-BS1)										
Analyzed: 23-May-12										
1,2-Dibromoethane	40	5.0	ug/L	40.0		99.8	80-120			
Chlorobenzene	36	5.0	ug/L	40.0		90.9	80-120			
Ethylbenzene	38	5.0	ug/L	40.0		94.8	80-120			
1,1,1,2-Tetrachloroethane	37	5.0	ug/L	40.0		92.0	80-120			
m,p-Xylene	76	10	ug/L	80.0		95.1	80-120			
o-Xylene	35	5.0	ug/L	40.0		87.0	80-120			
Bromoform	43	5.0	ug/L	40.0		107	80-120			
Styrene	42	5.0	ug/L	40.0		105	80-120			
Isopropylbenzene	40	5.0	ug/L	40.0		101	80-120			
Bromobenzene	37	5.0	ug/L	40.0		92.3	80-120			
n-Propylbenzene	35	5.0	ug/L	40.0		87.0	80-120			
1,1,2,2-Tetrachloroethane	42	5.0	ug/L	40.0		106	80-120			
2-Chlorotoluene	35	5.0	ug/L	40.0		88.7	80-120			
1,2,3-Trichloropropane	42	5.0	ug/L	40.0		105	80-120			
1,3,5- Trimethylbenzene	37	5.0	ug/L	40.0		93.7	80-120			
4-Chlorotoluene	36	5.0	ug/L	40.0		88.9	80-120			
tert-Butylbenzene	34	5.0	ug/L	40.0		85.2	80-120			
1,2,4- Trimethylbenzene	36	5.0	ug/L	40.0		90.2	80-120			
sec-Butylbenzene	34	5.0	ug/L	40.0		84.3	80-120			
p-Isopropyltoluene	35	5.0	ug/L	40.0		87.8	80-120			
1,3-Dichlorobenzene	34	5.0	ug/L	40.0		84.0	80-120			
1,4-Dichlorobenzene	37	5.0	ug/L	40.0		92.7	80-120			
n-Butylbenzene	36	5.0	ug/L	40.0		89.7	80-120			
1,2-Dichlorobenzene	34	5.0	ug/L	40.0		85.1	80-120			
1,2-Dibromo-3-chloropropane	51	5.0	ug/L	40.0		128	80-120			S
Hexachlorobutadiene	34	5.0	ug/L	40.0		85.0	80-120			
1,2,4-Trichlorobenzene	38	5.0	ug/L	40.0		94.7	80-120			
Naphthalene	48	5.0	ug/L	40.0		120	80-120			
1,2,3-Trichlorobenzene	42	5.0	ug/L	40.0		105	80-120			
Surrogate: Dibromofluoromethane	33		ug/L	40.0		82.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	30		ug/L	40.0		75.9	70-130			
Surrogate: Toluene-d8	34		ug/L	40.0		85.2	70-130			



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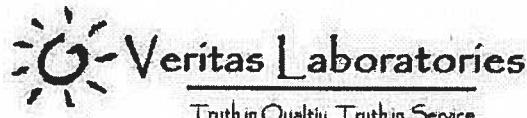
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E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant Groundwater
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E047

Volatile Organic Compounds - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222003 - No Prep VOA										
LCS (1222003-BS1)										
Surrogate: 4-Bromofluorobenzene										
34										
ug/L										
40.0										
83.9										
70-130										
Matrix Spike (1222003-MS1)										
Source: V12E047-01										
Analyzed: 23-May-12										
Dichlorodifluoromethane	27	5.0	ug/L	40.0	ND	67.2	80-120			S
Chloromethane	34	5.0	ug/L	40.0	ND	84.8	80-120			
Vinyl chloride	34	5.0	ug/L	40.0	ND	86.0	80-120			
Bromomethane	39	5.0	ug/L	40.0	ND	97.3	80-120			
Chloroethane	40	5.0	ug/L	40.0	ND	99.0	80-120			
Trichlorofluoromethane	45	5.0	ug/L	40.0	ND	113	80-120			
1,1-Dichloroethene	44	5.0	ug/L	40.0	ND	110	80-120			
Carbon disulfide	46	5.0	ug/L	40.0	1.9	110	80-120			
Methylene Chloride	97	5.0	ug/L	40.0	ND	242	80-120			S
trans-1,2-Dichloroethene	40	5.0	ug/L	40.0	ND	101	80-120			
Methyl-tert-butyl ether	39	5.0	ug/L	40.0	ND	97.2	80-120			
1,1-Dichloroethane	40	5.0	ug/L	40.0	ND	99.7	80-120			
cis-1,2-Dichloroethene	42	5.0	ug/L	40.0	ND	106	80-120			
2,2-Dichloropropane	40	5.0	ug/L	40.0	ND	99.8	80-120			
Chloroform	38	5.0	ug/L	40.0	ND	95.0	80-120			
Carbon Tetrachloride	42	5.0	ug/L	40.0	ND	105	80-120			
1,1,1-Trichloroethane	41	5.0	ug/L	40.0	ND	101	80-120			
1,1-Dichloropropene	41	5.0	ug/L	40.0	ND	103	80-120			
Benzene	40	5.0	ug/L	40.0	ND	99.6	80-120			
1,2-Dichloroethane	40	5.0	ug/L	40.0	ND	100	80-120			
Trichloroethene	40	5.0	ug/L	40.0	ND	100	80-120			
Dibromomethane	42	5.0	ug/L	40.0	ND	106	80-120			
1,2-Dichloropropane	39	5.0	ug/L	40.0	ND	97.2	80-120			
Bromodichloromethane	41	5.0	ug/L	40.0	ND	102	80-120			
trans-1,3-Dichloropropene	ND	5.0	ug/L	ND			80-120			
Toluene	40	5.0	ug/L	40.0	ND	100	80-120			
Tetrachloroethene	39	5.0	ug/L	40.0	ND	96.8	80-120			
cis-1,3-Dichloropropene	40	5.0	ug/L	40.0	ND	101	80-120			
1,1,2-Trichloroethane	39	5.0	ug/L	40.0	ND	97.2	80-120			



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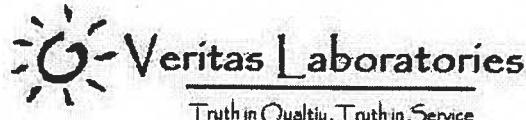
E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant Groundwater
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E047

Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222003 - No Prep VOA										
Matrix Spike (1222003-MS1)										
Source: V12E047-01 Analyzed: 23-May-12										
Dibromochloromethane	39	5.0	ug/L	40.0	ND	98.0	80-120			
1,3-Dichloropropane	38	5.0	ug/L	40.0	ND	95.2	80-120			
1,2-Dibromoethane	39	5.0	ug/L	40.0	ND	98.2	80-120			
Chlorobenzene	37	5.0	ug/L	40.0	ND	91.3	80-120			
Ethylbenzene	38	5.0	ug/L	40.0	ND	95.0	80-120			
1,1,1,2-Tetrachloroethane	36	5.0	ug/L	40.0	ND	90.5	80-120			
m,p-Xylene	76	10	ug/L	80.0	ND	94.9	80-120			
o-Xylene	35	5.0	ug/L	40.0	ND	86.3	80-120			
Bromoform	42	5.0	ug/L	40.0	ND	105	80-120			
Styrene	47	5.0	ug/L	40.0	ND	117	80-120			
Isopropylbenzene	40	5.0	ug/L	40.0	ND	101	80-120			
Bromobenzene	37	5.0	ug/L	40.0	ND	92.1	80-120			
n-Propylbenzene	35	5.0	ug/L	40.0	ND	88.3	80-120			
1,1,2,2-Tetrachloroethane	44	5.0	ug/L	40.0	ND	109	80-120			
2-Chlorotoluene	35	5.0	ug/L	40.0	ND	88.3	80-120			
1,2,3-Trichloropropane	43	5.0	ug/L	40.0	ND	107	80-120			
1,3,5- Trimethylbenzene	38	5.0	ug/L	40.0	ND	93.8	80-120			
4-Chlorotoluene	35	5.0	ug/L	40.0	ND	88.5	80-120			
tert-Butylbenzene	34	5.0	ug/L	40.0	ND	84.7	80-120			
1,2,4- Trimethylbenzene	36	5.0	ug/L	40.0	ND	90.3	80-120			
sec-Butylbenzene	34	5.0	ug/L	40.0	ND	86.0	80-120			
p-Isopropyltoluene	36	5.0	ug/L	40.0	ND	88.8	80-120			
1,3-Dichlorobenzene	34	5.0	ug/L	40.0	ND	84.3	80-120			
1,4-Dichlorobenzene	37	5.0	ug/L	40.0	ND	92.9	80-120			
n-Butylbenzene	36	5.0	ug/L	40.0	ND	90.5	80-120			
1,2-Dichlorobenzene	34	5.0	ug/L	40.0	ND	85.8	80-120			
1,2-Dibromo-3-chloropropane	54	5.0	ug/L	40.0	ND	135	80-120			S
Hexachlorobutadiene	35	5.0	ug/L	40.0	ND	87.5	80-120			
1,2,4-Trichlorobenzene	38	5.0	ug/L	40.0	ND	94.5	80-120			
Naphthalene	50	5.0	ug/L	40.0	ND	124	80-120			
1,2,3-Trichlorobenzene	45	5.0	ug/L	40.0	ND	113	80-120			
Surrogate: Dibromofluoromethane	33		ug/L	40.0		82.9	70-130			



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CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

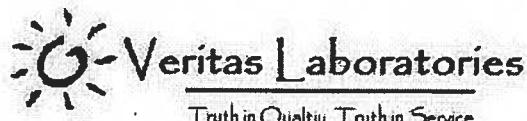
Volatile Organic Compounds - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch 1222003 - No Prep VOA

Matrix Spike (1222003-MS1)	Source: V12E047-01	Analyzed: 23-May-12					
Surrogate: 1,2-Dichloroethane-d4	31		ug/L	40.0	78.6	70-130	
Surrogate: Toluene-d8	34		ug/L	40.0	84.9	70-130	
Surrogate: 4-Bromofluorobenzene	34		ug/L	40.0	85.3	70-130	

Matrix Spike Dup (1222003-MSD1)	Source: V12E047-01	Analyzed: 23-May-12							
Dichlorodifluoromethane	26	5.0	ug/L	40.0	ND	65.5	80-120	2.52	20
Chloromethane	35	5.0	ug/L	40.0	ND	88.2	80-120	3.93	20
Vinyl chloride	35	5.0	ug/L	40.0	ND	87.6	80-120	1.81	20
Bromomethane	40	5.0	ug/L	40.0	ND	101	80-120	3.78	20
Chloroethane	42	5.0	ug/L	40.0	ND	106	80-120	6.95	20
Trichlorofluoromethane	45	5.0	ug/L	40.0	ND	112	80-120	1.07	20
1,1-Dichloroethene	45	5.0	ug/L	40.0	ND	112	80-120	1.78	20
Carbon disulfide	45	5.0	ug/L	40.0	1.9	109	80-120	0.854	20
Methylene Chloride	99	5.0	ug/L	40.0	ND	246	80-120	1.60	20
trans-1,2-Dichloroethene	40	5.0	ug/L	40.0	ND	100	80-120	0.772	20
Methyl-tert-butyl ether	40	5.0	ug/L	40.0	ND	100	80-120	3.24	20
1,1-Dichloroethane	40	5.0	ug/L	40.0	ND	101	80-120	0.824	20
cis-1,2-Dichloroethene	43	5.0	ug/L	40.0	ND	107	80-120	0.966	20
2,2-Dichloropropane	42	5.0	ug/L	40.0	ND	105	80-120	5.15	20
Chloroform	38	5.0	ug/L	40.0	ND	94.1	80-120	1.00	20
Carbon Tetrachloride	42	5.0	ug/L	40.0	ND	106	80-120	0.952	20
1,1,1-Trichloroethane	41	5.0	ug/L	40.0	ND	103	80-120	1.25	20
1,1-Dichloropropene	41	5.0	ug/L	40.0	ND	102	80-120	0.682	20
Benzene	40	5.0	ug/L	40.0	ND	99.2	80-120	0.302	20
1,2-Dichloroethane	41	5.0	ug/L	40.0	ND	101	80-120	0.818	20
Trichloroethene	41	5.0	ug/L	40.0	ND	103	80-120	2.59	20
Dibromomethane	42	5.0	ug/L	40.0	ND	106	80-120	0.614	20
1,2-Dichloropropane	39	5.0	ug/L	40.0	ND	98.6	80-120	1.38	20
Bromodichloromethane	41	5.0	ug/L	40.0	ND	102	80-120	0.638	20
trans-1,3-Dichloropropene	ND	5.0	ug/L	ND			80-120	0.00	20
Toluene	40	5.0	ug/L	40.0	ND	101	80-120	0.447	20
Tetrachloroethene	39	5.0	ug/L	40.0	ND	98.4	80-120	1.64	20



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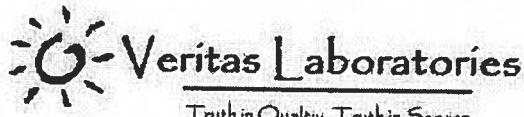
E-mail: veritaslabs@msn.com

CLIENT COMPANY NAME: Kleinfelder
 CLIENT PROJECT NAME: Packing Plant Groundwater
 CLIENT PROJECT NUMBER: 126687.01
 VERITAS LAB ORDER ID: V12E047

Volatile Organic Compounds - Quality Control

Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch 1222003 - No Prep VOA										
Matrix Spike Dup (1222003-MSD1)										
Source: V12E047-01 Analyzed: 23-May-12										
cis-1,3-Dichloropropene	40	5.0	ug/L	40.0	ND	99.4	80-120	1.15	20	
1,1,2-Trichloroethane	39	5.0	ug/L	40.0	ND	97.8	80-120	0.615	20	
Dibromochloromethane	39	5.0	ug/L	40.0	ND	98.5	80-120	0.458	20	
1,3-Dichloropropane	38	5.0	ug/L	40.0	ND	94.4	80-120	0.923	20	
1,2-Dibromoethane	40	5.0	ug/L	40.0	ND	99.6	80-120	1.36	20	
Chlorobenzene	36	5.0	ug/L	40.0	ND	90.6	80-120	0.769	20	
Ethylbenzene	38	5.0	ug/L	40.0	ND	95.4	80-120	0.473	20	
1,1,1,2-Tetrachloroethane	36	5.0	ug/L	40.0	ND	91.2	80-120	0.825	20	
m,p-Xylene	77	10	ug/L	80.0	ND	95.9	80-120	1.06	20	
o-Xylene	35	5.0	ug/L	40.0	ND	87.1	80-120	0.922	20	
Bromoform	42	5.0	ug/L	40.0	ND	105	80-120	0.215	20	
Styrene	48	5.0	ug/L	40.0	ND	119	80-120	1.99	20	
Isopropylbenzene	41	5.0	ug/L	40.0	ND	101	80-120	0.916	20	
Bromobenzene	37	5.0	ug/L	40.0	ND	92.6	80-120	0.569	20	
n-Propylbenzene	35	5.0	ug/L	40.0	ND	88.4	80-120	0.0849	20	
1,1,2,2-Tetrachloroethane	44	5.0	ug/L	40.0	ND	111	80-120	1.68	20	
2-Chlorotoluene	36	5.0	ug/L	40.0	ND	90.8	80-120	2.79	20	
1,2,3-Trichloropropane	44	5.0	ug/L	40.0	ND	109	80-120	1.90	20	
1,3,5- Trimethylbenzene	39	5.0	ug/L	40.0	ND	96.9	80-120	3.22	20	
4-Chlorotoluene	36	5.0	ug/L	40.0	ND	91.0	80-120	2.79	20	
tert-Butylbenzene	34	5.0	ug/L	40.0	ND	86.1	80-120	1.64	20	
1,2,4- Trimethylbenzene	36	5.0	ug/L	40.0	ND	90.6	80-120	0.249	20	
sec-Butylbenzene	34	5.0	ug/L	40.0	ND	85.3	80-120	0.730	20	
p-Isopropyltoluene	36	5.0	ug/L	40.0	ND	89.3	80-120	0.562	20	
1,3-Dichlorobenzene	34	5.0	ug/L	40.0	ND	85.4	80-120	1.24	20	
1,4-Dichlorobenzene	38	5.0	ug/L	40.0	ND	93.8	80-120	0.911	20	
n-Butylbenzene	37	5.0	ug/L	40.0	ND	92.9	80-120	2.67	20	
1,2-Dichlorobenzene	34	5.0	ug/L	40.0	ND	85.5	80-120	0.350	20	
1,2-Dibromo-3-chloropropane	57	5.0	ug/L	40.0	ND	144	80-120	5.90	20	
Hexachlorobutadiene	37	5.0	ug/L	40.0	ND	91.7	80-120	4.74	20	
1,2,4-Trichlorobenzene	38	5.0	ug/L	40.0	ND	95.4	80-120	0.922	20	
Naphthalene	51	5.0	ug/L	40.0	ND	128	80-120	3.33	20	



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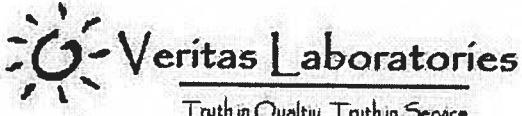
CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

Volatile Organic Compounds - Quality Control
Veritas Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Reference Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
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Batch 1222003 - No Prep VOA

Matrix Spike Dup (1222003-MSD1)		Source: V12E047-01			Analyzed: 23-May-12					
1,2,3-Trichlorobenzene	47	5.0	ug/L	40.0	ND	117	80-120	2.98	20	
Surrogate: Dibromofluoromethane	33		ug/L	40.0		82.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	31		ug/L	40.0		77.8	70-130			
Surrogate: Toluene-d8	34		ug/L	40.0		85.3	70-130			
Surrogate: 4-Bromofluorobenzene	35		ug/L	40.0		86.5	70-130			



Truth in Quality, Truth in Service

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CLIENT COMPANY NAME: Kleinfelder
CLIENT PROJECT NAME: Packing Plant Groundwater
CLIENT PROJECT NUMBER: 126687.01
VERITAS LAB ORDER ID: V12E047

Report Definitions

- DF - Dilution Factor. Represents the factor applied to the reported data due to the dilution of the sample aliquot
DUP - Duplicate Sample
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MDL - Method Detection Limit
MRL - Method Reporting Limit
MS - Matrix Spike
MSD - Matrix Spike Duplicate
ND - Analyte Not Detected at or above the Reporting Limit (MRL)
% REC - Percent Recovery
RL - Reporting Limit
RPD - Relative Percent Difference
NR - Result is outside of acceptable limits and not reportable due to size constraints of the associated field

Qualifier Definitions

- S Spike/Surrogate recovery outside of accepted recovery limits
R RPD outside accepted limits

APPENDIX E

NDEP DRAFT GUIDELINES FOR DISCOVERY EVENTS APPENDICES A1, A2, AND B

NDEP Draft Guidelines for Discovery Events (Soil RCs)

Appendix A1—Reportable Concentrations for common soil contaminants

Version: 01/28/2009

Contaminant Class Contaminant	Reportable Concentration (mg/kg)	Source	Comments
Total Petroleum Hydrocarbons	1.0E+02	NDEP derived concentration	The TPH Reportable Concentration is only applicable to petroleum releases or the discovery of soil contamination that was likely the result of a petroleum release. Other substances, such as vegetable oil, bio-diesel, or vegetable based hydraulic fluids with no petroleum component, are only regulated based on threats to waters of the State, as determined by gross contamination, regardless of whether laboratory samples show a TPH signature.
Common VOCs			
Benzene	3.0E-02	Soil Screening Level, DAF 20	
Carbon Tetrachloride	7.0E-02	Soil Screening Level, DAF 20	
Ethylbenzene	5.7E+00	EPA Regional Screening Level, Residential Soil	
Methyl tert-Butyl Ether (MTBE)	1.6E-01	NDEP calculated SSL, DAF 20	
Toluene	1.2E+01	Soil Screening Level, DAF 20	
Tetrachloroethylene (PCE)	6.0E-02	Soil Screening Level, DAF 20	
Trichloroethylene (TCE)	6.0E-02	Soil Screening Level, DAF 20	
Vinyl Chloride	1.0E-02	Soil Screening Level, DAF 20	
Xylene, Mixture	2.1E+02	Soil Screening Level, DAF 20	
PAHs			
Benz[a]anthracene	1.5E-01	EPA Regional Screening Level, Residential Soil	
Benzo[a]pyrene	1.5E-02	EPA Regional Screening Level, Residential Soil	
Naphthalene	3.9E+00	EPA Regional Screening Level, Residential Soil	
Metals			A facility owner/operator is not required to make notification if metal concentrations are within an appropriately determined background, irrespective of their discovery above the Reportable Concentration.
Arsenic, inorganic	3.9E-01	EPA Regional Screening Level, Residential Soil	
Beryllium and compounds	6.3E+01	Soil Screening Level, DAF 20	
Cadmium	8.0E+00	Soil Screening Level, DAF 20	
Chromium, Total	3.8E+01	Soil Screening Level, DAF 20	
Cobalt	2.3E+01	EPA Regional Screening Level, Residential Soil	
Copper	3.1E+03	EPA Regional Screening Level, Residential Soil	
Lead and Compounds	4.0E+02	EPA Regional Screening Level, Residential Soil	
Manganese	1.8E+03	EPA Regional Screening Level, Residential Soil	
Mercury (elemental)	6.7E+00	EPA Regional Screening Level, Residential Soil	
Selenium	5.0E+00	Soil Screening Level, DAF 20	
Silver	3.4E+01	Soil Screening Level, DAF 20	
Zinc (Metallic)	1.2E+04	Soil Screening Level, DAF 20	
Miscellaneous			The selection of these miscellaneous contaminants for this table does not signify that a facility owner/operator must sample for these or that sampling should be limited to these.
Ethylene Glycol	1.2E+05	EPA Regional Screening Level, Residential Soil	
Perchlorate and Perchlorate Salts	5.5E+01	EPA Regional Screening Level, Residential Soil	
Propylene Glycol	1.2E+06	EPA Regional Screening Level, Residential Soil	

NDEP Draft Guidelines for Discovery Events (Soil RCs)

Appendix A2—Full list of Reportable Concentrations in soil

Version: 01/28/2009

Analyte	CAS No.	Reportable Concentration (mg/kg)	Source
Acephate	30560-19-1	5.6E+01	EPA Regional Screening Level, Residential Soil
Acetaldehyde	75-07-0	1.1E+01	EPA Regional Screening Level, Residential Soil
Acetochlor	34256-82-1	1.2E+03	EPA Regional Screening Level, Residential Soil
Acetone	67-64-1	1.6E+01	Soil Screening Level, DAF 20
Acetone Cyanohydrin	75-86-5	2.0E+02	EPA Regional Screening Level, Residential Soil
Acetonitrile	75-05-8	8.7E+02	EPA Regional Screening Level, Residential Soil
Acetophenone	98-86-2	7.8E+03	EPA Regional Screening Level, Residential Soil
Acrolein	107-02-8	1.6E-01	EPA Regional Screening Level, Residential Soil
Acrylamide	79-06-1	1.1E-01	EPA Regional Screening Level, Residential Soil
Acrylic Acid	79-10-7	3.0E+04	EPA Regional Screening Level, Residential Soil
Acrylonitrile	107-13-1	2.4E-01	EPA Regional Screening Level, Residential Soil
Adiponitrile	111-69-3	8.5E-06	EPA Regional Screening Level, Residential Soil
Alachlor	15972-60-8	8.7E+00	EPA Regional Screening Level, Residential Soil
ALAR	1596-84-5	9.2E+03	EPA Regional Screening Level, Residential Soil
Aldicarb	116-06-3	6.1E+01	EPA Regional Screening Level, Residential Soil
Aldicarb Sulfone	1646-88-4	6.1E-01	EPA Regional Screening Level, Residential Soil
Aldrin	309-00-2	2.9E-02	EPA Regional Screening Level, Residential Soil
Allyl	74223-64-6	1.5E+04	EPA Regional Screening Level, Residential Soil
Allyl Alcohol	107-18-6	3.1E+02	EPA Regional Screening Level, Residential Soil
Allyl Chloride	107-05-1	1.8E+00	EPA Regional Screening Level, Residential Soil
Aluminum	7429-90-5	7.7E+04	EPA Regional Screening Level, Residential Soil
Aluminum Phosphide	20859-73-8	3.1E+01	EPA Regional Screening Level, Residential Soil
Amdro	67485-29-4	1.8E+01	EPA Regional Screening Level, Residential Soil
Ametryn	834-12-8	5.5E-02	EPA Regional Screening Level, Residential Soil
Aminophenol, m-	591-27-5	4.9E-03	EPA Regional Screening Level, Residential Soil
Aminophenol, p-	123-30-8	1.2E+03	EPA Regional Screening Level, Residential Soil
Amitraz	33089-61-1	1.5E+02	EPA Regional Screening Level, Residential Soil
Ammonia	7664-41-7	1.4E+08	EPA Regional Screening Level, Residential Soil
Ammonium Perchlorate	7790-98-9	5.5E+01	EPA Regional Screening Level, Residential Soil
Ammonium Sulfamate	7773-06-0	1.6E+04	EPA Regional Screening Level, Residential Soil
Aniline	62-53-3	8.5E+01	EPA Regional Screening Level, Residential Soil
Antimony (metallic)	7440-36-0	5.0E+00	Soil Screening Level, DAF 20
Antimony Pentoxide	1314-60-9	3.9E+01	EPA Regional Screening Level, Residential Soil
Antimony Potassium Tartrate	11071-15-1	7.0E-01	EPA Regional Screening Level, Residential Soil
Antimony Tetroxide	1332-81-6	3.1E+01	EPA Regional Screening Level, Residential Soil
Antimony Trioxide	1309-64-4	3.1E+01	EPA Regional Screening Level, Residential Soil
Apollo	74115-24-5	7.9E-02	EPA Regional Screening Level, Residential Soil
Aramite	140-57-8	1.9E-01	EPA Regional Screening Level, Residential Soil
Arsenic, Inorganic	7440-38-2	3.9E-01	EPA Regional Screening Level, Residential Soil
Arsine	7784-42-1	7.1E+04	EPA Regional Screening Level, Residential Soil
Assure	76578-14-8	5.5E+02	EPA Regional Screening Level, Residential Soil
Asulam	3337-71-1	3.1E+03	EPA Regional Screening Level, Residential Soil
Atrazine	1912-24-9	2.1E+00	EPA Regional Screening Level, Residential Soil
Avermectin B1	65195-55-3	2.4E+01	EPA Regional Screening Level, Residential Soil
Azobenzene	103-33-3	4.9E+00	EPA Regional Screening Level, Residential Soil
Barium	7440-39-3	1.6E+03	Soil Screening Level, DAF 20
Baygon	114-26-1	2.4E+02	EPA Regional Screening Level, Residential Soil
Bayleton	43121-43-3	1.8E+03	EPA Regional Screening Level, Residential Soil
Baythroid	68359-37-5	1.5E+03	EPA Regional Screening Level, Residential Soil
Benefin	1861-40-1	1.8E+04	EPA Regional Screening Level, Residential Soil
Benomyl	17804-35-2	3.1E+03	EPA Regional Screening Level, Residential Soil
Bentazon	25057-89-0	1.8E+03	EPA Regional Screening Level, Residential Soil
Benzaldehyde	100-52-7	7.8E+03	EPA Regional Screening Level, Residential Soil
Benzene	71-43-2	3.0E-02	Soil Screening Level, DAF 20
Benzethiol	108-98-5	7.8E-01	EPA Regional Screening Level, Residential Soil
Benzidine	92-87-5	5.0E-04	EPA Regional Screening Level, Residential Soil
Benzoic Acid	65-85-0	4.0E-02	Soil Screening Level, DAF 20
Benzotrichloride	98-07-7	4.9E-02	EPA Regional Screening Level, Residential Soil
Benzyl Alcohol	100-51-6	3.1E+04	EPA Regional Screening Level, Residential Soil
Benzyl Chloride	100-44-7	3.8E+00	EPA Regional Screening Level, Residential Soil

NDEP Draft Guidelines for Discovery Events (Soil RCs)

Appendix A2—Full list of Reportable Concentrations in soil

Version: 01/28/2009

Analyte	CAS No.	Reportable Concentration (mg/kg)	Source
Beryllium and compounds	7440-41-7	6.3E+01	Soil Screening Level, DAF 20
Bidrin	141-66-2	6.1E+00	EPA Regional Screening Level, Residential Soil
Bifenox	42576-02-3	5.5E+02	EPA Regional Screening Level, Residential Soil
Biphenthrin	82657-04-3	9.2E+02	EPA Regional Screening Level, Residential Soil
Biphenyl, 1,1'-	92-52-4	3.9E+03	EPA Regional Screening Level, Residential Soil
Bis(2-chloroethoxy)methane	111-91-1	1.8E+02	EPA Regional Screening Level, Residential Soil
Bis(2-chloroethyl)ether	111-44-4	4.0E-04	Soil Screening Level, DAF 20
Bis(2-chloro-1-methylethyl) ether	108-60-1	3.5E+00	EPA Regional Screening Level, Residential Soil
Bis(2-ethylhexyl)phthalate	117-81-7	3.5E+01	EPA Regional Screening Level, Residential Soil
Bis(chloromethyl)ether	542-88-1	2.7E-04	EPA Regional Screening Level, Residential Soil
Bisphenol A	80-05-7	3.1E+03	EPA Regional Screening Level, Residential Soil
Boron And Borates Only	7440-42-8	1.6E+04	EPA Regional Screening Level, Residential Soil
Boron Trifluoride	7637-07-2	9.9E+05	EPA Regional Screening Level, Residential Soil
Bromate	15541-45-4	9.1E-01	EPA Regional Screening Level, Residential Soil
Bromobenzene	108-86-1	9.4E+01	EPA Regional Screening Level, Residential Soil
Bromodichloromethane	75-27-4	6.0E-01	Soil Screening Level, DAF 20
Bromoform	75-25-2	8.0E-01	Soil Screening Level, DAF 20
Bromomethane	74-83-9	2.0E-01	Soil Screening Level, DAF 20
Bromophos	2104-96-3	3.1E-02	EPA Regional Screening Level, Residential Soil
Bromoxynil	1689-84-5	1.2E+03	EPA Regional Screening Level, Residential Soil
Bromoxynil Octanoate	1689-99-2	1.2E+03	EPA Regional Screening Level, Residential Soil
Butadiene, 1,3-	106-99-0	7.7E-02	EPA Regional Screening Level, Residential Soil
Butanol, N-	71-36-3	1.7E+01	Soil Screening Level, DAF 20
Butyl Benzyl Phthalate	85-68-7	2.6E-02	EPA Regional Screening Level, Residential Soil
Butylate	2008-41-5	3.1E-03	EPA Regional Screening Level, Residential Soil
Butylphthalyl Butylglycolate	85-70-1	6.1E+04	EPA Regional Screening Level, Residential Soil
Cacodylic Acid	75-60-5	1.2E+03	EPA Regional Screening Level, Residential Soil
Cadmium (Diet)	7440-43-9	8.0E+00	Soil Screening Level, DAF 20
Caprolactam	105-60-2	3.1E+04	EPA Regional Screening Level, Residential Soil
Captafol	2425-06-1	3.2E+00	EPA Regional Screening Level, Residential Soil
Captan	133-06-2	2.1E+02	EPA Regional Screening Level, Residential Soil
Carbaryl	63-25-2	6.1E-03	EPA Regional Screening Level, Residential Soil
Carbofuran	1563-66-2	3.1E+02	EPA Regional Screening Level, Residential Soil
Carbon Disulfide	75-15-0	3.2E-01	Soil Screening Level, DAF 20
Carbon Tetrachloride	56-23-5	7.0E-02	Soil Screening Level, DAF 20
Carbosulfan	55285-14-8	6.1E-02	EPA Regional Screening Level, Residential Soil
Carboxin	5234-68-4	6.1E+03	EPA Regional Screening Level, Residential Soil
Chloral Hydrate	302-17-0	6.1E+03	EPA Regional Screening Level, Residential Soil
Chloramben	133-90-4	9.2E+02	EPA Regional Screening Level, Residential Soil
Chloranil	118-75-2	1.2E+00	EPA Regional Screening Level, Residential Soil
Chlordane	12789-03-6	1.6E+00	EPA Regional Screening Level, Residential Soil
Chlordecone (Kepone)	143-50-0	3.0E-02	EPA Regional Screening Level, Residential Soil
Chlorimuron, Ethyl-	90982-32-4	1.2E+03	EPA Regional Screening Level, Residential Soil
Chlorine	7782-50-5	7.5E+03	EPA Regional Screening Level, Residential Soil
Chlorine Dioxide	10049-04-4	2.3E+03	EPA Regional Screening Level, Residential Soil
Chlorite (Sodium Salt)	7758-19-2	2.3E+03	EPA Regional Screening Level, Residential Soil
Chloro-1,1-difluoroethane, 1-	75-68-3	5.9E+04	EPA Regional Screening Level, Residential Soil
Chloro-1,3-butadiene, 2-	126-99-8	8.6E+00	EPA Regional Screening Level, Residential Soil
Chloro-2-methylaniline HCl, 4-	3165-93-3	1.1E+00	EPA Regional Screening Level, Residential Soil
Chloro-2-methylaniline, 4-	95-69-2	1.8E+00	EPA Regional Screening Level, Residential Soil
Chloroacetic Acid	79-11-8	1.2E+02	EPA Regional Screening Level, Residential Soil
Chloroacetophenone, 2-	532-27-4	4.3E+04	EPA Regional Screening Level, Residential Soil
Chloroaniline, p-	106-47-8	7.0E-01	Soil Screening Level, DAF 20
Chlorobenzene	108-90-7	1.0E+00	Soil Screening Level, DAF 20
Chlorobenzilate	510-15-6	4.4E+00	EPA Regional Screening Level, Residential Soil
Chlorobenzotrifluoride, 4-	98-56-6	2.1E+02	EPA Regional Screening Level, Residential Soil
Chlorobutane, 1-	109-69-3	3.1E+03	EPA Regional Screening Level, Residential Soil
Chlorodifluoromethane	75-45-6	5.3E+04	EPA Regional Screening Level, Residential Soil
Chloroform	67-66-3	3.0E-01	EPA Regional Screening Level, Residential Soil
Chloromethane	74-87-3	1.7E+00	EPA Regional Screening Level, Residential Soil

NDEP Draft Guidelines for Discovery Events (Soil RCs)

Appendix A2--Full list of Reportable Concentrations in soil

Version: 01/28/2009

Analyte	CAS No.	Reportable Concentration (mg/kg)	Source
Chloronaphthalene, Beta-	91-58-7	6.3E+03	EPA Regional Screening Level, Residential Soil
Chloronitrobenzene, o-	88-73-3	5.0E+01	EPA Regional Screening Level, Residential Soil
Chloronitrobenzene, p-	100-00-5	6.1E+01	EPA Regional Screening Level, Residential Soil
Chlorophenol, 2-	95-57-8	4.0E+00	Soil Screening Level, DAF 20
Chlorothalonil	1897-45-6	1.6E+02	EPA Regional Screening Level, Residential Soil
Chlorotoluene, o-	95-49-8	1.6E+03	EPA Regional Screening Level, Residential Soil
Chlorotoluene, p-	106-43-4	5.5E+03	EPA Regional Screening Level, Residential Soil
Chlorpropham	101-21-3	1.2E+04	EPA Regional Screening Level, Residential Soil
Chlorpyrifos	2921-88-2	1.8E+02	EPA Regional Screening Level, Residential Soil
Chlorpyrifos Methyl	5598-13-0	6.1E+02	EPA Regional Screening Level, Residential Soil
Chlorsulfuron	64902-72-3	3.1E+03	EPA Regional Screening Level, Residential Soil
Chlorthiophos	60238-56-4	4.9E+01	EPA Regional Screening Level, Residential Soil
Chromium (III) (Insoluble Salts)	16065-83-1	1.2E+05	EPA Regional Screening Level, Residential Soil
Chromium VI (particulates)	18540-29-9	3.8E+01	Soil Screening Level, DAF 20
Chromium, Total (1:6 ratio Cr VI : Cr III)	7440-47-3	3.8E+01	Soil Screening Level, DAF 20
Cobalt	7440-48-4	2.3E+01	EPA Regional Screening Level, Residential Soil
Coke Oven Emissions	8007-45-2		EPA Regional Screening Level, Residential Soil
Copper	7440-50-8	3.1E+03	EPA Regional Screening Level, Residential Soil
Cresol, m-	108-39-4	3.1E+03	EPA Regional Screening Level, Residential Soil
Cresol, o-	95-48-7	3.1E+03	EPA Regional Screening Level, Residential Soil
Cresol, p-	106-44-5	3.1E+02	EPA Regional Screening Level, Residential Soil
Crotonaldehyde, trans-	123-73-9	3.4E-01	EPA Regional Screening Level, Residential Soil
Cumene	98-82-8	2.2E+03	EPA Regional Screening Level, Residential Soil
Cyanazine	21725-46-2	5.8E-01	EPA Regional Screening Level, Residential Soil
Cyclohexane	110-82-7	7.2E-03	EPA Regional Screening Level, Residential Soil
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.1E+01	EPA Regional Screening Level, Residential Soil
Cyclohexanone	108-94-1	3.1E+05	EPA Regional Screening Level, Residential Soil
Cyclohexylamine	108-91-8	1.2E+04	EPA Regional Screening Level, Residential Soil
Cyhalothrin/karate	68085-85-8	3.1E+02	EPA Regional Screening Level, Residential Soil
Cypermethrin	52315-07-8	6.1E+02	EPA Regional Screening Level, Residential Soil
Cyromazine	66215-27-8	4.6E+02	EPA Regional Screening Level, Residential Soil
Cyanides			
Calcium Cyanide	592-01-8	3.1E+03	EPA Regional Screening Level, Residential Soil
Copper Cyanide	544-92-3	3.9E+02	EPA Regional Screening Level, Residential Soil
Cyanide (CN-)	57-12-5	1.6E+03	EPA Regional Screening Level, Residential Soil
Cyanogen	460-19-5	3.1E+03	EPA Regional Screening Level, Residential Soil
Cyanogen Bromide	506-68-3	7.0E+03	EPA Regional Screening Level, Residential Soil
Cyanogen Chloride	506-77-4	3.9E+03	EPA Regional Screening Level, Residential Soil
Hydrogen Cyanide	74-90-8	1.6E+03	EPA Regional Screening Level, Residential Soil
Potassium Cyanide	151-50-8	3.9E+03	EPA Regional Screening Level, Residential Soil
Potassium Silver Cyanide	506-61-6	1.6E+04	EPA Regional Screening Level, Residential Soil
Silver Cyanide	506-64-9	7.8E+03	EPA Regional Screening Level, Residential Soil
Sodium Cyanide	143-33-9	3.1E+03	EPA Regional Screening Level, Residential Soil
Thiocyanate	463-56-9	1.6E+01	EPA Regional Screening Level, Residential Soil
Zinc Cyanide	557-21-1	3.9E+03	EPA Regional Screening Level, Residential Soil
Dacthal	1861-32-1	6.1E+02	EPA Regional Screening Level, Residential Soil
Dalapon	75-99-0	1.8E+03	EPA Regional Screening Level, Residential Soil
DDD	72-54-8	2.0E+00	EPA Regional Screening Level, Residential Soil
DDE, p,p'	72-55-9	1.4E+00	EPA Regional Screening Level, Residential Soil
DDT	50-29-3	1.7E+00	EPA Regional Screening Level, Residential Soil
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	1163-19-5	4.3E+02	EPA Regional Screening Level, Residential Soil
Demeton	8065-48-3	2.4E+00	EPA Regional Screening Level, Residential Soil
Di(2-ethylhexyl)adipate	103-23-1	4.0E+02	EPA Regional Screening Level, Residential Soil
Diallate	2303-16-4	8.0E+00	EPA Regional Screening Level, Residential Soil
Diazinon	333-41-5	5.5E+01	EPA Regional Screening Level, Residential Soil
Dibromo-3-chloropropane, 1,2-	96-12-8	5.6E-03	EPA Regional Screening Level, Residential Soil
Dibromobenzene, 1,4-	106-37-6	6.1E+02	EPA Regional Screening Level, Residential Soil
Dibromochloromethane	124-48-1	4.0E-01	Soil Screening Level, DAF 20
Dibromoethane, 1,2- (EDB)	106-93-4	3.4E-02	EPA Regional Screening Level, Residential Soil
Dibromomethane (Methylene Bromide)	74-95-3	7.8E+02	EPA Regional Screening Level, Residential Soil

NDEP Draft Guidelines for Discovery Events (Soil RCs)

Appendix A2—Full list of Reportable Concentrations in soil

Version: 01/28/2009

Analyte	CAS No.	Reportable Concentration (mg/kg)	Source
Dibutyl Phthalate	84-74-2	2.3E+03	Soil Screening Level, DAF 20
Dibutyltin Compounds	NA	1.8E+01	EPA Regional Screening Level, Residential Soil
Dicamba	1918-00-9	1.8E+03	EPA Regional Screening Level, Residential Soil
Dichloro-2-butene, 1,4-	764-41-0	3.2E-03	EPA Regional Screening Level, Residential Soil
Dichloroacetic Acid	79-43-6	9.7E+00	EPA Regional Screening Level, Residential Soil
Dichlorobenzene, 1,2-	95-50-1	1.7E+01	Soil Screening Level, DAF 20
Dichlorobenzene, 1,4-	106-46-7	2.0E+00	Soil Screening Level, DAF 20
Dichlorobenzidine, 3,3'-	91-94-1	7.0E-03	Soil Screening Level, DAF 20
Dichlorodifluoromethane	75-71-8	1.9E+02	EPA Regional Screening Level, Residential Soil
Dichloroethylene, 1,1-	75-34-3	3.4E+00	EPA Regional Screening Level, Residential Soil
Dichloroethane, 1,2- (EDC)	107-06-2	2.0E-02	Soil Screening Level, DAF 20
Dichloroethylene, 1,1-	75-35-4	6.0E-02	Soil Screening Level, DAF 20
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0	7.0E+02	EPA Regional Screening Level, Residential Soil
Dichloroethylene, 1,2-cis-	156-59-2	4.0E-01	Soil Screening Level, DAF 20
Dichloroethylene, 1,2-trans-	156-60-5	7.0E-01	Soil Screening Level, DAF 20
Dichlorophenol, 2,4-	120-83-2	1.0E+00	Soil Screening Level, DAF 20
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	6.9E+02	EPA Regional Screening Level, Residential Soil
Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6	4.9E+02	EPA Regional Screening Level, Residential Soil
Dichloropropane, 1,2-	78-87-5	3.0E-02	Soil Screening Level, DAF 20
Dichloropropane, 1,3-	142-28-9	1.6E-03	EPA Regional Screening Level, Residential Soil
Dichloropropanol, 2,3-	616-23-9	1.8E+02	EPA Regional Screening Level, Residential Soil
Dichloropropene, 1,3-	542-75-6	4.0E-03	Soil Screening Level, DAF 20
Dichlorvos	62-73-7	1.7E+00	EPA Regional Screening Level, Residential Soil
Dicyclopentadiene	77-73-6	2.9E+01	EPA Regional Screening Level, Residential Soil
Dieldrin	60-57-1	4.0E-03	Soil Screening Level, DAF 20
Diethyl Phthalate	84-66-2	4.9E+04	EPA Regional Screening Level, Residential Soil
Diethylene Glycol Monobutyl Ether	112-34-5	6.1E+02	EPA Regional Screening Level, Residential Soil
Diethylene Glycol Monoethyl Ether	111-90-0	3.7E+03	EPA Regional Screening Level, Residential Soil
Diethylformamide	617-84-5	6.1E-01	EPA Regional Screening Level, Residential Soil
Diethylstilbestrol	56-53-1	1.4E-03	EPA Regional Screening Level, Residential Soil
Difenoquat	43222-48-6	4.9E+03	EPA Regional Screening Level, Residential Soil
Diflubenzuron	35367-38-5	1.2E+03	EPA Regional Screening Level, Residential Soil
Difluoroethane, 1,1-	75-37-6	5.3E-04	EPA Regional Screening Level, Residential Soil
Diisopropyl Ether (DIPE)	108-20-3	1.2E-03	EPA Regional Screening Level, Residential Soil
Diisopropyl Methylphosphonate	1445-75-6	6.3E+03	EPA Regional Screening Level, Residential Soil
Dimethipin	55290-64-7	1.2E+03	EPA Regional Screening Level, Residential Soil
Dimethoate	60-51-5	1.2E+01	EPA Regional Screening Level, Residential Soil
Dimethoxybenzidine, 3,3'-	119-90-4	3.5E+01	EPA Regional Screening Level, Residential Soil
Dimethyl methylphosphonate	756-79-6	2.9E+02	EPA Regional Screening Level, Residential Soil
Dimethylaniline HCl, 2,4-	21436-96-4	8.4E-01	EPA Regional Screening Level, Residential Soil
Dimethylaniline, 2,4-	95-68-1	6.5E-01	EPA Regional Screening Level, Residential Soil
Dimethylaniline, N,N-	121-69-7	1.6E+02	EPA Regional Screening Level, Residential Soil
Dimethylbenzidine, 3,3'-	119-93-7	4.4E-02	EPA Regional Screening Level, Residential Soil
Dimethylformamide	68-12-2	6.1E+03	EPA Regional Screening Level, Residential Soil
Dimethylphenol, 2,4-	105-67-9	9.0E+00	Soil Screening Level, DAF 20
Dimethylphenol, 2,6-	576-26-1	3.7E-01	EPA Regional Screening Level, Residential Soil
Dimethylphenol, 3,4-	95-65-8	6.1E+01	EPA Regional Screening Level, Residential Soil
Dimethylterephthalate	120-61-6	7.8E+03	EPA Regional Screening Level, Residential Soil
Dinitro-o-cresol, 4,6-	534-52-1	6.1E+00	EPA Regional Screening Level, Residential Soil
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	1.2E+02	EPA Regional Screening Level, Residential Soil
Dinitrobenzene, 1,2-	528-29-0	6.1E+00	EPA Regional Screening Level, Residential Soil
Dinitrobenzene, 1,3-	99-65-0	6.1E+00	EPA Regional Screening Level, Residential Soil
Dinitrobenzene, 1,4-	100-25-4	6.1E+00	EPA Regional Screening Level, Residential Soil
Dinitrophenol, 2,4-	51-28-5	3.0E-01	Soil Screening Level, DAF 20
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	8.0E-04	Soil Screening Level, DAF 20
Dinitrotoluene, 2,4-	121-14-2	8.0E-04	Soil Screening Level, DAF 20
Dinitrotoluene, 2,6-	606-20-2	7.0E-04	Soil Screening Level, DAF 20
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	1.5E+02	EPA Regional Screening Level, Residential Soil
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	1.5E+02	EPA Regional Screening Level, Residential Soil
Dinoseb	88-85-7	6.1E+01	EPA Regional Screening Level, Residential Soil

NDEP Draft Guidelines for Discovery Events (Soil RCs)

Appendix A2—Full list of Reportable Concentrations in soil

Version: 01/28/2009

Analyte	CAS No.	Reportable Concentration (mg/kg)	Source
Dioxane, 1,4-	123-91-1	4.4E+01	EPA Regional Screening Level, Residential Soil
Diphenamid	957-51-7	1.8E+03	EPA Regional Screening Level, Residential Soil
Diphenyl Sulfone	127-63-9	1.8E+02	EPA Regional Screening Level, Residential Soil
Diphenylamine	122-39-4	1.5E+03	EPA Regional Screening Level, Residential Soil
Diphenylhydrazine, 1,2-	122-66-7	6.1E-01	EPA Regional Screening Level, Residential Soil
Diquat	85-00-7	1.3E+02	EPA Regional Screening Level, Residential Soil
Direct Black 38	1937-37-7	6.6E-02	EPA Regional Screening Level, Residential Soil
Direct Blue 6	2602-46-2	6.6E-02	EPA Regional Screening Level, Residential Soil
Direct Brown 95	16071-86-6	7.2E-02	EPA Regional Screening Level, Residential Soil
Disulfoton	298-04-4	2.4E+00	EPA Regional Screening Level, Residential Soil
Dithiane, 1,4-	505-29-3	6.1E+02	EPA Regional Screening Level, Residential Soil
Diuron	330-54-1	1.2E+02	EPA Regional Screening Level, Residential Soil
Dodine	2439-10-3	2.4E+02	EPA Regional Screening Level, Residential Soil
Dioxins			
Hexachlorodibenzo-p-dioxin	34465-46-8	4.5E-05	EPA Regional Screening Level, Residential Soil
Hexachlorodibenzo-p-dioxin, Mixture	19408-74-3	9.4E-05	EPA Regional Screening Level, Residential Soil
HxCDD, 2,3,7,8-	37871-00-4	4.5E-04	EPA Regional Screening Level, Residential Soil
OCDD	3268-87-9	1.5E-02	EPA Regional Screening Level, Residential Soil
PeCDD, 2,3,7,8-	36088-22-9	4.5E-06	EPA Regional Screening Level, Residential Soil
TCDD, 2,3,7,8-	1746-01-6	4.5E-06	EPA Regional Screening Level, Residential Soil
Endosulfan	115-29-7	1.8E+01	Soil Screening Level, DAF 20
Endothall	145-73-3	1.2E+03	EPA Regional Screening Level, Residential Soil
Endrin	72-20-8	1.0E+00	Soil Screening Level, DAF 20
Epichlorohydrin	106-89-8	1.8E+01	EPA Regional Screening Level, Residential Soil
Epoxybutane, 1,2-	106-88-7	1.5E+02	EPA Regional Screening Level, Residential Soil
EPTC	759-94-4	2.0E+03	EPA Regional Screening Level, Residential Soil
Ethepron	16672-87-0	3.1E+02	EPA Regional Screening Level, Residential Soil
Ethion	563-12-2	3.1E+01	EPA Regional Screening Level, Residential Soil
Ethoxyethanol Acetate, 2-	111-15-9	1.8E+04	EPA Regional Screening Level, Residential Soil
Ethoxyethanol, 2-	110-80-5	2.4E+04	EPA Regional Screening Level, Residential Soil
Ethyl Acetate	141-78-6	7.0E+04	EPA Regional Screening Level, Residential Soil
Ethyl Acrylate	140-88-5	1.3E+01	EPA Regional Screening Level, Residential Soil
Ethyl Chloride	75-00-3	1.5E+04	EPA Regional Screening Level, Residential Soil
Ethyl Ether	60-29-7	1.6E+04	EPA Regional Screening Level, Residential Soil
Ethyl Methacrylate	97-63-2	7.0E+03	EPA Regional Screening Level, Residential Soil
Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.1E-01	EPA Regional Screening Level, Residential Soil
Ethylbenzene	100-41-4	5.7E+00	EPA Regional Screening Level, Residential Soil
Ethylene Cyanohydrin	109-78-4	1.8E+03	EPA Regional Screening Level, Residential Soil
Ethylene Diamine	107-15-3	5.5E+03	EPA Regional Screening Level, Residential Soil
Ethylene Glycol	107-21-1	1.2E+05	EPA Regional Screening Level, Residential Soil
Ethylene Glycol Monobutyl Ether	111-76-2	3.1E+04	EPA Regional Screening Level, Residential Soil
Ethylene Oxide	75-21-8	1.6E-01	EPA Regional Screening Level, Residential Soil
Ethylene Thiourea	96-45-7	4.9E+00	EPA Regional Screening Level, Residential Soil
Ethylphthalyl Ethyl Glycolate	84-72-0	1.8E+05	EPA Regional Screening Level, Residential Soil
Express	101200-48-0	4.9E+02	EPA Regional Screening Level, Residential Soil
Fenamiphos	22224-92-6	1.5E+01	EPA Regional Screening Level, Residential Soil
Fenpropathrin	39515-41-8	1.5E+03	EPA Regional Screening Level, Residential Soil
Fluometuron	2164-17-2	7.9E+02	EPA Regional Screening Level, Residential Soil
Fluorine (Soluble Fluoride)	7782-41-4	4.7E+03	EPA Regional Screening Level, Residential Soil
Fluridone	59756-60-4	4.9E+03	EPA Regional Screening Level, Residential Soil
Flurprimidol	56425-91-3	1.2E+03	EPA Regional Screening Level, Residential Soil
Flutolanil	66332-96-5	3.7E+03	EPA Regional Screening Level, Residential Soil
Fluvalinate	69409-94-5	6.1E+02	EPA Regional Screening Level, Residential Soil
Folpet	133-07-3	1.4E+02	EPA Regional Screening Level, Residential Soil
Fomesafen	72178-02-0	2.6E+00	EPA Regional Screening Level, Residential Soil
Fonofos	944-22-9	1.2E+02	EPA Regional Screening Level, Residential Soil
Formaldehyde	50-00-0	1.2E+04	EPA Regional Screening Level, Residential Soil
Formic Acid	64-18-6	1.2E+05	EPA Regional Screening Level, Residential Soil
Fosetyl-AL	39148-24-8	1.8E+05	EPA Regional Screening Level, Residential Soil
Furazolidone	67-45-8	1.3E-01	EPA Regional Screening Level, Residential Soil

NDEP Draft Guidelines for Discovery Events (Soil RCs)

Appendix A2--Full list of Reportable Concentrations in soil

Version: 01/28/2009

Analyte	CAS No.	Reportable Concentration (mg/kg)	Source
Furfural	98-01-1	1.8E+02	EPA Regional Screening Level, Residential Soil
Furium	531-82-8	3.2E-01	EPA Regional Screening Level, Residential Soil
Furmecyclo	60568-05-0	1.6E+01	EPA Regional Screening Level, Residential Soil
Furans			
Furan	110-00-9	7.8E+01	EPA Regional Screening Level, Residential Soil
HxCDF, 2,3,7,8-	38998-75-3	3.7E-04	EPA Regional Screening Level, Residential Soil
HxCDF, 2,3,7,8-	55684-94-1	3.7E-05	EPA Regional Screening Level, Residential Soil
OCDF	39001-02-0	1.2E-02	EPA Regional Screening Level, Residential Soil
PeCDF, 1,2,3,7,8-	57117-41-6	1.2E-04	EPA Regional Screening Level, Residential Soil
PeCDF, 2,3,4,7,8-	57117-31-4	1.2E-05	EPA Regional Screening Level, Residential Soil
TCDF, 2,3,7,8-	51207-31-9	3.7E-05	EPA Regional Screening Level, Residential Soil
Glufosinate, Ammonium	77182-82-2	2.4E+01	EPA Regional Screening Level, Residential Soil
Glycidyl	765-34-4	2.4E+01	EPA Regional Screening Level, Residential Soil
Glyphosate	1071-83-6	6.1E+03	EPA Regional Screening Level, Residential Soil
Goal	42874-03-3	1.8E-02	EPA Regional Screening Level, Residential Soil
Haloxyp, Methyl	69806-40-2	3.1E+00	EPA Regional Screening Level, Residential Soil
Harmony	79277-27-3	7.9E+02	EPA Regional Screening Level, Residential Soil
Heptachlor	76-44-8	1.1E-01	EPA Regional Screening Level, Residential Soil
Heptachlor Epoxide	1024-57-3	5.3E-02	EPA Regional Screening Level, Residential Soil
Hexabromobenzene	87-82-1	1.2E+02	EPA Regional Screening Level, Residential Soil
Hexachlorobenzene	118-74-1	3.0E-01	EPA Regional Screening Level, Residential Soil
Hexachlorobutadiene	87-68-3	2.0E+00	Soil Screening Level, DAF 20
Hexachlorocyclohexane, Alpha-	319-84-6	5.0E-04	Soil Screening Level, DAF 20
Hexachlorocyclohexane, Beta-	319-85-7	3.0E-03	Soil Screening Level, DAF 20
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	9.0E-03	Soil Screening Level, DAF 20
Hexachlorocyclohexane, Technical	608-73-1	3.0E-03	Soil Screening Level, DAF 20
Hexachlorocyclopentadiene	77-47-4	3.7E+02	EPA Regional Screening Level, Residential Soil
Hexachloroethane	67-72-1	5.0E-01	Soil Screening Level, DAF 20
Hexachlorophene	70-30-4	1.8E+01	EPA Regional Screening Level, Residential Soil
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	5.5E+00	EPA Regional Screening Level, Residential Soil
Hexamethylene Diisocyanate, 1,6-	822-06-0	3.7E+00	EPA Regional Screening Level, Residential Soil
Hexane, N-	110-54-3	5.7E+02	EPA Regional Screening Level, Residential Soil
Hexanedioic Acid	124-04-9	1.2E+05	EPA Regional Screening Level, Residential Soil
Hexazirone	51235-04-2	2.0E+03	EPA Regional Screening Level, Residential Soil
Hydrazine	302-01-2	2.1E-01	EPA Regional Screening Level, Residential Soil
Hydrazine Sulfate	10034-93-2	2.1E-01	EPA Regional Screening Level, Residential Soil
Hydrogen Chloride	7647-01-0	2.8E+07	EPA Regional Screening Level, Residential Soil
Hydrogen Sulfide	7783-06-4	2.8E+06	EPA Regional Screening Level, Residential Soil
Hydroquinone	123-31-9	8.7E+00	EPA Regional Screening Level, Residential Soil
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	1.6E+01	EPA Regional Screening Level, Residential Soil
Imazalil	35554-44-0	7.9E+02	EPA Regional Screening Level, Residential Soil
Imazaquin	81335-37-7	1.5E+04	EPA Regional Screening Level, Residential Soil
Iprodione	36734-19-7	2.4E+03	EPA Regional Screening Level, Residential Soil
Iron	7439-89-6	5.5E+04	EPA Regional Screening Level, Residential Soil
Isobutyl Alcohol	78-83-1	2.3E+04	EPA Regional Screening Level, Residential Soil
Isophorone	78-59-1	5.0E-01	Soil Screening Level, DAF 20
Isopropalin	33820-53-0	9.2E+02	EPA Regional Screening Level, Residential Soil
Isopropyl Methyl Phosphonic Acid	1832-54-8	6.1E+03	EPA Regional Screening Level, Residential Soil
Isoxaben	82558-50-7	3.1E+03	EPA Regional Screening Level, Residential Soil
Kerb	23950-58-5	4.6E+03	EPA Regional Screening Level, Residential Soil
Lactofen	77501-63-4	1.2E+02	EPA Regional Screening Level, Residential Soil
Linuron	330-55-2	1.2E+02	EPA Regional Screening Level, Residential Soil
Lithium	7439-93-2	1.6E+02	EPA Regional Screening Level, Residential Soil
Lithium Perchlorate	7791-03-9	5.5E+01	EPA Regional Screening Level, Residential Soil
Londax	83055-99-6	1.2E+04	EPA Regional Screening Level, Residential Soil
Lead Compounds			
Lead and Compounds	7439-92-1	4.0E+02	EPA Regional Screening Level, Residential Soil
Tetraethyl Lead	78-00-2	6.1E-03	EPA Regional Screening Level, Residential Soil
Malathion	121-75-5	1.2E+03	EPA Regional Screening Level, Residential Soil
Maleic Anhydride	108-31-6	6.1E+03	EPA Regional Screening Level, Residential Soil

NDEP Draft Guidelines for Discovery Events (Soil RCs)

Appendix A2--Full list of Reportable Concentrations in soil

Version: 01/28/2009

Analyte	CAS No.	Reportable Concentration (mg/kg)	Source
Maleic Hydrazide	123-33-1	3.1E+04	EPA Regional Screening Level, Residential Soil
Malononitrile	109-77-3	6.1E+00	EPA Regional Screening Level, Residential Soil
Mancozeb	8018-01-7	1.8E+03	EPA Regional Screening Level, Residential Soil
Maneb	12427-38-2	3.1E+02	EPA Regional Screening Level, Residential Soil
Manganese (Water)	7439-96-5	1.8E+03	EPA Regional Screening Level, Residential Soil
MCPA	94-74-6	3.1E+01	EPA Regional Screening Level, Residential Soil
MCPB	94-81-5	6.1E+02	EPA Regional Screening Level, Residential Soil
MCPP	93-65-2	6.1E+01	EPA Regional Screening Level, Residential Soil
Mephosfolan	950-10-7	5.5E+00	EPA Regional Screening Level, Residential Soil
Mepiquat Chloride	24307-26-4	1.8E+03	EPA Regional Screening Level, Residential Soil
Merphos	150-50-5	1.8E+00	EPA Regional Screening Level, Residential Soil
Merphos Oxide	78-48-8	1.8E+00	EPA Regional Screening Level, Residential Soil
Metalaxyl	57837-19-1	3.7E+03	EPA Regional Screening Level, Residential Soil
Methacrylonitrile	126-98-7	3.2E+00	EPA Regional Screening Level, Residential Soil
Methamidophos	10265-92-6	3.1E+00	EPA Regional Screening Level, Residential Soil
Methanol	67-56-1	3.1E+04	EPA Regional Screening Level, Residential Soil
Methidathion	950-37-8	6.1E+01	EPA Regional Screening Level, Residential Soil
Methomyl	16752-77-5	1.5E+03	EPA Regional Screening Level, Residential Soil
Methoxy-5-nitroaniline, 2-	99-59-2	9.9E+00	EPA Regional Screening Level, Residential Soil
Methoxychlor	72-43-5	1.6E+02	Soil Screening Level, DAF 20
Methoxyethanol Acetate, 2-	110-49-6	1.2E+02	EPA Regional Screening Level, Residential Soil
Methoxyethanol, 2-	109-86-4	1.8E+02	EPA Regional Screening Level, Residential Soil
Methyl Acetate	79-20-9	7.8E+04	EPA Regional Screening Level, Residential Soil
Methyl Acrylate	96-33-3	2.3E+03	EPA Regional Screening Level, Residential Soil
Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.8E+04	EPA Regional Screening Level, Residential Soil
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	5.3E+03	EPA Regional Screening Level, Residential Soil
Methyl Methacrylate	80-62-6	4.7E+03	EPA Regional Screening Level, Residential Soil
Methyl Parathion	298-00-0	1.5E+01	EPA Regional Screening Level, Residential Soil
Methyl Styrene (Mixed Isomers)	25013-15-4	1.9E+02	EPA Regional Screening Level, Residential Soil
Methyl tert-Butyl Ether (MTBE)	1634-04-4	3.9E+01	NDEP calculated SSL, DAF 20
Methyl-5-Nitroaniline, 2-	99-55-8	1.5E+01	EPA Regional Screening Level, Residential Soil
Methylaniline Hydrochloride, 2-	636-21-5	3.7E+00	EPA Regional Screening Level, Residential Soil
Methylarsonic acid	124-58-3	6.1E+02	EPA Regional Screening Level, Residential Soil
Methylene Chloride	75-09-2	2.0E-02	Soil Screening Level, DAF 20
Methylene-bis(2-chloroaniline), 4,4'	101-14-4	1.2E+00	EPA Regional Screening Level, Residential Soil
Methylene-bis(N,N-dimethyl) Aniline, 4,4'	101-61-1	1.1E+01	EPA Regional Screening Level, Residential Soil
Methylenebisbenzenamine, 4,4'	101-77-9	3.0E-01	EPA Regional Screening Level, Residential Soil
Methylenediphenyl Diisocyanate	101-68-8	8.5E+05	EPA Regional Screening Level, Residential Soil
Methylstyrene, Alpha-	98-83-9	5.5E+03	EPA Regional Screening Level, Residential Soil
Metolachlor	51218-45-2	9.2E+03	EPA Regional Screening Level, Residential Soil
Metribuzin	21087-64-9	1.5E+03	EPA Regional Screening Level, Residential Soil
Mirex	2385-85-5	2.7E-02	EPA Regional Screening Level, Residential Soil
Molinate	2212-67-1	1.2E+02	EPA Regional Screening Level, Residential Soil
Molybdenum	7439-98-7	3.9E+02	EPA Regional Screening Level, Residential Soil
Monochloramine	10599-90-3	7.8E+03	EPA Regional Screening Level, Residential Soil
Monomethylaniline	100-61-8	1.2E+02	EPA Regional Screening Level, Residential Soil
Mercury Compounds			
Mercuric Chloride	7487-94-7	2.3E+01	EPA Regional Screening Level, Residential Soil
Mercuric Sulfide	1344-48-5	2.3E+01	EPA Regional Screening Level, Residential Soil
Mercury (elemental)	7439-97-6	6.7E+00	EPA Regional Screening Level, Residential Soil
Mercury, Inorganic Salts	NA	2.3E+01	EPA Regional Screening Level, Residential Soil
Methyl Mercury	22967-92-6	7.8E+00	EPA Regional Screening Level, Residential Soil
Phenylmercuric Acetate	62-38-4	4.9E+00	EPA Regional Screening Level, Residential Soil
N,N'-Diphenyl-1,4-benzenediamine	74-31-7	1.8E+01	EPA Regional Screening Level, Residential Soil
Naled	300-76-5	1.2E+02	EPA Regional Screening Level, Residential Soil
Napropamide	15299-99-7	6.1E+03	EPA Regional Screening Level, Residential Soil
Nickel Refinery Dust	NA	1.4E+04	EPA Regional Screening Level, Residential Soil
Nickel Soluble Salts	7440-02-0	1.3E+02	Soil Screening Level, DAF 20
Nickel Subsulfide	12035-72-2	6.9E+03	EPA Regional Screening Level, Residential Soil
Nitrate	14797-55-8	1.3E+05	EPA Regional Screening Level, Residential Soil

NDEP Draft Guidelines for Discovery Events (Soil RCs)

Appendix A2--Full list of Reportable Concentrations in soil

Version: 01/28/2009

Analyte	CAS No.	Reportable Concentration (mg/kg)	Source
Nitrite	14797-65-0	7.8E+03	EPA Regional Screening Level, Residential Soil
Nitroaniline, 3-	99-09-2	1.8E+01	EPA Regional Screening Level, Residential Soil
Nitroaniline, 4-	100-01-6	2.3E+01	EPA Regional Screening Level, Residential Soil
Nitrobenzene	98-95-3	1.0E-01	Soil Screening Level, DAF 20
Nitrofurantoin	67-20-9	4.3E+03	EPA Regional Screening Level, Residential Soil
Nitrofurazone	59-87-0	3.7E-01	EPA Regional Screening Level, Residential Soil
Nitroglycerin	55-63-0	6.1E+00	EPA Regional Screening Level, Residential Soil
Nitroguanidine	556-88-7	6.1E+03	EPA Regional Screening Level, Residential Soil
Nitromethane	75-52-5	4.7E+00	EPA Regional Screening Level, Residential Soil
Nitropropane, 2-	79-46-9	1.2E-02	EPA Regional Screening Level, Residential Soil
Nitroso-di-N-butylamine, N-	924-16-3	9.3E-02	EPA Regional Screening Level, Residential Soil
Nitroso-di-N-propylamine, N-	621-64-7	5.0E-05	Soil Screening Level, DAF 20
Nitroso-N-ethylurea, N-	759-73-9	4.3E-03	EPA Regional Screening Level, Residential Soil
Nitrosodiethanolamine, N-	1116-54-7	1.7E-01	EPA Regional Screening Level, Residential Soil
Nitrosodiethylamine, N-	55-18-5	7.7E-04	EPA Regional Screening Level, Residential Soil
Nitrosodimethylamine, N-	62-75-9	2.3E-03	EPA Regional Screening Level, Residential Soil
Nitrosodiphenylamine, N-	86-30-6	1.0E+00	Soil Screening Level, DAF 20
Nitrosomethylethylamine, N-	10595-95-6	2.2E-02	EPA Regional Screening Level, Residential Soil
Nitrosopyrrolidine, N-	930-55-2	2.3E-01	EPA Regional Screening Level, Residential Soil
Nitrotoluene, m-	99-08-1	1.2E+03	EPA Regional Screening Level, Residential Soil
Nitrotoluene, o-	88-72-2	2.9E+00	EPA Regional Screening Level, Residential Soil
Nitrotoluene, p-	99-99-0	3.0E+01	EPA Regional Screening Level, Residential Soil
Norfluazon	27314-13-2	2.4E+03	EPA Regional Screening Level, Residential Soil
Nustar	85509-19-9	4.3E+01	EPA Regional Screening Level, Residential Soil
Octabromodiphenyl Ether	32536-52-0	1.8E+02	EPA Regional Screening Level, Residential Soil
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0	3.8E-03	EPA Regional Screening Level, Residential Soil
Octamethylpyrophosphoramido	152-16-9	1.2E+02	EPA Regional Screening Level, Residential Soil
Oryzalin	19044-88-3	3.1E+03	EPA Regional Screening Level, Residential Soil
Oxadiazon	19666-30-9	3.1E+02	EPA Regional Screening Level, Residential Soil
Oxamyl	23135-22-0	1.5E+03	EPA Regional Screening Level, Residential Soil
Paclobutrazol	76738-62-0	7.9E+02	EPA Regional Screening Level, Residential Soil
Paraquat Dichloride	1910-42-5	2.7E+02	EPA Regional Screening Level, Residential Soil
Parathion	56-38-2	3.7E+02	EPA Regional Screening Level, Residential Soil
Pebulate	1114-71-2	3.1E+03	EPA Regional Screening Level, Residential Soil
Pendimethalin	40487-42-1	2.4E+03	EPA Regional Screening Level, Residential Soil
Pentabromodiphenyl Ether	32534-81-9	1.2E+02	EPA Regional Screening Level, Residential Soil
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	7.8E+00	EPA Regional Screening Level, Residential Soil
Pentachlorobenzene	608-93-5	4.9E+01	EPA Regional Screening Level, Residential Soil
Pentachloroethane	76-01-7	5.4E+00	EPA Regional Screening Level, Residential Soil
Pentachloronitrobenzene	82-68-8	1.9E+00	EPA Regional Screening Level, Residential Soil
Pentachlorophenol	87-86-5	3.0E-02	Soil Screening Level, DAF 20
Perchlorate and Perchlorate Salts	14797-73-0	5.5E+01	EPA Regional Screening Level, Residential Soil
Permethrin	52645-53-1	3.1E+03	EPA Regional Screening Level, Residential Soil
Phenmedipham	13684-63-4	1.5E+04	EPA Regional Screening Level, Residential Soil
Phenol	108-95-2	1.0E+02	Soil Screening Level, DAF 20
Phenylenediamine, m-	108-45-2	3.7E+02	EPA Regional Screening Level, Residential Soil
Phenylenediamine, o-	95-54-5	1.0E+01	EPA Regional Screening Level, Residential Soil
Phenylenediamine, p-	106-50-3	1.2E+04	EPA Regional Screening Level, Residential Soil
Phenylphenol, 2-	90-43-7	2.5E+02	EPA Regional Screening Level, Residential Soil
Phorate	298-02-2	1.2E+01	EPA Regional Screening Level, Residential Soil
Phosgene	75-44-5	4.0E-01	EPA Regional Screening Level, Residential Soil
Phosmet	732-11-6	1.2E+03	EPA Regional Screening Level, Residential Soil
Phosphine	7803-51-2	2.3E+01	EPA Regional Screening Level, Residential Soil
Phosphoric Acid	7664-38-2	1.4E+07	EPA Regional Screening Level, Residential Soil
Phosphorus, White	7723-14-0	1.6E+00	EPA Regional Screening Level, Residential Soil
Phthalic Acid, P-	100-21-0	6.1E+04	EPA Regional Screening Level, Residential Soil
Phthalic Anhydride	85-44-9	1.2E+05	EPA Regional Screening Level, Residential Soil
Picloram	1918-02-1	4.3E+03	EPA Regional Screening Level, Residential Soil
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	1.2E+02	EPA Regional Screening Level, Residential Soil
Pirimiphos, Methyl	29232-93-7	6.1E+02	EPA Regional Screening Level, Residential Soil

NDEP Draft Guidelines for Discovery Events (Soil RCs)

Appendix A2--Full list of Reportable Concentrations in soil

Version: 01/28/2009

Analyte	CAS No.	Reportable Concentration (mg/kg)	Source
Polybrominated Biphenyls	59536-65-1	1.6E-02	EPA Regional Screening Level, Residential Soil
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.5E+05	EPA Regional Screening Level, Residential Soil
Potassium Perchlorate	7778-74-7	5.5E+01	EPA Regional Screening Level, Residential Soil
Prochloraz	67747-09-5	3.2E+00	EPA Regional Screening Level, Residential Soil
Profuralin	26399-36-0	3.7E+02	EPA Regional Screening Level, Residential Soil
Prometon	1610-18-0	9.2E+02	EPA Regional Screening Level, Residential Soil
Prometryn	7287-19-6	2.4E+02	EPA Regional Screening Level, Residential Soil
Propachlor	1918-16-7	7.9E+02	EPA Regional Screening Level, Residential Soil
Propanil	709-98-8	3.1E+02	EPA Regional Screening Level, Residential Soil
Propargite	2312-35-8	1.2E+03	EPA Regional Screening Level, Residential Soil
Propargyl Alcohol	107-19-7	1.2E+02	EPA Regional Screening Level, Residential Soil
Propazine	139-40-2	1.2E+03	EPA Regional Screening Level, Residential Soil
Propham	122-42-9	1.2E+03	EPA Regional Screening Level, Residential Soil
Propiconazole	60207-90-1	7.9E+02	EPA Regional Screening Level, Residential Soil
Propylene Glycol	57-55-6	1.2E+06	EPA Regional Screening Level, Residential Soil
Propylene Glycol Dinitrate	6423-43-4	6.0E+01	EPA Regional Screening Level, Residential Soil
Propylene Glycol Monoethyl Ether	1569-02-4	4.3E+04	EPA Regional Screening Level, Residential Soil
Propylene Glycol Monomethyl Ether	107-98-2	4.3E+04	EPA Regional Screening Level, Residential Soil
Propylene Oxide	75-56-9	1.9E+00	EPA Regional Screening Level, Residential Soil
Pursuit	81335-77-5	1.5E+04	EPA Regional Screening Level, Residential Soil
Pydrin	51630-58-1	1.5E+03	EPA Regional Screening Level, Residential Soil
Pyridine	110-86-1	7.8E+01	EPA Regional Screening Level, Residential Soil
Polychlorinated Biphenyls (PCBs)			
Aroclor 1016	12674-11-2	3.9E+00	EPA Regional Screening Level, Residential Soil
Aroclor 1221	11104-28-2	1.7E-01	EPA Regional Screening Level, Residential Soil
Aroclor 1232	11141-16-5	1.7E-01	EPA Regional Screening Level, Residential Soil
Aroclor 1242	53469-21-9	2.2E-01	EPA Regional Screening Level, Residential Soil
Aroclor 1248	12672-29-6	2.2E-01	EPA Regional Screening Level, Residential Soil
Aroclor 1254	11097-69-1	2.2E-01	EPA Regional Screening Level, Residential Soil
Aroclor 1260	11096-82-5	2.2E-01	EPA Regional Screening Level, Residential Soil
Heptachlorobiphenyl, 2,2',3,3',4,4',5- (PCB 170)	35065-30-6	3.4E-02	EPA Regional Screening Level, Residential Soil
Heptachlorobiphenyl, 2,2',3,4,4',5,5'- (PCB 180)	35065-29-3	3.4E-01	EPA Regional Screening Level, Residential Soil
Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.1E-01	EPA Regional Screening Level, Residential Soil
Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.1E-01	EPA Regional Screening Level, Residential Soil
Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.1E-01	EPA Regional Screening Level, Residential Soil
Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.1E-01	EPA Regional Screening Level, Residential Soil
Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.1E-04	EPA Regional Screening Level, Residential Soil
Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.1E-01	EPA Regional Screening Level, Residential Soil
Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.1E-01	EPA Regional Screening Level, Residential Soil
Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.1E-01	EPA Regional Screening Level, Residential Soil
Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.1E-01	EPA Regional Screening Level, Residential Soil
Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	3.4E-05	EPA Regional Screening Level, Residential Soil
Polychlorinated Biphenyls (high risk)	1336-36-3	2.4E-01	EPA Regional Screening Level, Residential Soil
Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	3.4E-02	EPA Regional Screening Level, Residential Soil
Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.1E-02	EPA Regional Screening Level, Residential Soil
Polynuclear Aromatic Hydrocarbons (PAHs)			
Acenaphthene	83-32-9	5.7E+02	Soil Screening Level, DAF 20
Anthracene	120-12-7	1.2E+04	Soil Screening Level, DAF 20
Benz[a]anthracene	56-55-3	1.5E-01	EPA Regional Screening Level, Residential Soil
Benz[a]pyrene	50-32-8	1.5E-02	EPA Regional Screening Level, Residential Soil
Benz[b]fluoranthene	205-99-2	1.5E-01	EPA Regional Screening Level, Residential Soil
Benz[k]fluoranthene	207-08-9	1.5E+00	EPA Regional Screening Level, Residential Soil
Chrysene	218-01-9	1.5E+01	EPA Regional Screening Level, Residential Soil
Dibenz[a,h]anthracene	53-70-3	1.5E-02	EPA Regional Screening Level, Residential Soil
Fluoranthene	206-44-0	2.3E+03	EPA Regional Screening Level, Residential Soil
Fluorene	86-73-7	5.6E+02	Soil Screening Level, DAF 20
Indeno[1,2,3-cd]pyrene	193-39-5	1.5E-01	EPA Regional Screening Level, Residential Soil
Methylnaphthalene, 1-	90-12-0	2.2E+01	EPA Regional Screening Level, Residential Soil
Methylnaphthalene, 2-	91-57-6	3.1E+02	EPA Regional Screening Level, Residential Soil
Naphthalene	91-20-3	3.9E+00	EPA Regional Screening Level, Residential Soil

NDEP Draft Guidelines for Discovery Events (Soil RCs)

Appendix A2—Full list of Reportable Concentrations in soil

Version: 01/28/2009

Analyte	CAS No.	Reportable Concentration (mg/kg)	Source
Pyrene	129-00-0	1.7E+03	EPA Regional Screening Level, Residential Soil
Quinalphos	13593-03-8	3.1E+01	EPA Regional Screening Level, Residential Soil
Quinoline	91-22-5	1.6E-01	EPA Regional Screening Level, Residential Soil
Refractory Ceramic Fibers	NA	4.3E+07	EPA Regional Screening Level, Residential Soil
Resmethrin	10453-86-8	1.8E+03	EPA Regional Screening Level, Residential Soil
Ronnel	299-84-3	3.1E+03	EPA Regional Screening Level, Residential Soil
Rotenone	83-79-4	2.4E+02	EPA Regional Screening Level, Residential Soil
Savay	78587-05-0	1.5E+03	EPA Regional Screening Level, Residential Soil
Selenious Acid	7783-00-8	3.9E+02	EPA Regional Screening Level, Residential Soil
Selenium	7782-49-2	5.0E+00	Soil Screening Level, DAF 20
Selenourea	630-10-4	3.1E+02	EPA Regional Screening Level, Residential Soil
Sethoxydim	74051-80-2	5.5E+03	EPA Regional Screening Level, Residential Soil
Silver	7440-22-4	3.4E+01	Soil Screening Level, DAF 20
Simazine	122-34-9	4.0E+00	EPA Regional Screening Level, Residential Soil
Sodium Acifluorfen	62476-59-9	7.9E+02	EPA Regional Screening Level, Residential Soil
Sodium Azide	26628-22-8	3.1E+02	EPA Regional Screening Level, Residential Soil
Sodium Diethylthiocarbamate	148-18-5	1.8E+00	EPA Regional Screening Level, Residential Soil
Sodium Fluoroacetate	62-74-8	1.2E+00	EPA Regional Screening Level, Residential Soil
Sodium Metavanadate	13718-26-8	7.8E+01	EPA Regional Screening Level, Residential Soil
Sodium Perchlorate	7601-89-0	5.5E+01	EPA Regional Screening Level, Residential Soil
Stirofos (Tetrachlorovinphos)	961-11-5	2.0E+01	EPA Regional Screening Level, Residential Soil
Strontium, Stable	7440-24-6	4.7E+04	EPA Regional Screening Level, Residential Soil
Strychnine	57-24-9	1.8E+01	EPA Regional Screening Level, Residential Soil
Styrene	100-42-5	4.0E+00	Soil Screening Level, DAF 20
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	3.1E+02	EPA Regional Screening Level, Residential Soil
Systhane	88671-89-0	1.5E+03	EPA Regional Screening Level, Residential Soil
TCMTB	21564-17-0	1.8E+03	EPA Regional Screening Level, Residential Soil
Tebuthiuron	34014-18-1	4.3E+03	EPA Regional Screening Level, Residential Soil
Temephos	3383-96-8	1.2E+03	EPA Regional Screening Level, Residential Soil
Terbacil	5902-51-2	7.9E+02	EPA Regional Screening Level, Residential Soil
Terbufos	13071-79-9	1.5E+00	EPA Regional Screening Level, Residential Soil
Terbutryn	886-50-0	6.1E+01	EPA Regional Screening Level, Residential Soil
Tetrachlorobenzene, 1,2,4,5-	95-94-3	1.8E+01	EPA Regional Screening Level, Residential Soil
Tetrachloroethane, 1,1,1,2-	630-20-6	2.0E+00	EPA Regional Screening Level, Residential Soil
Tetrachloroethane, 1,1,2,2-	79-34-5	3.0E-03	Soil Screening Level, DAF 20
Tetrachloroethylene (PCE)	127-18-4	6.0E-02	Soil Screening Level, DAF 20
Tetrachlorophenol, 2,3,4,6-	58-90-2	1.8E+03	EPA Regional Screening Level, Residential Soil
Tetrachlorotoluene, p-alpha, alpha, alpha-	5216-25-1	2.4E-02	EPA Regional Screening Level, Residential Soil
Tetraethyl Dithiopyrophosphate	3689-24-5	3.1E+01	EPA Regional Screening Level, Residential Soil
Tetrafluoroethane, 1,1,1,2-	811-97-2	1.1E+05	EPA Regional Screening Level, Residential Soil
Tetryl (TrinitrophenylmethylNitramine)	479-45-8	2.4E+02	EPA Regional Screening Level, Residential Soil
Thallium (I) Nitrate	10102-45-1	7.0E+00	EPA Regional Screening Level, Residential Soil
Thallium (Soluble Salts)	7440-28-0	5.1E+00	EPA Regional Screening Level, Residential Soil
Thallium Acetate	563-68-8	7.0E+00	EPA Regional Screening Level, Residential Soil
Thallium Carbonate	6533-73-9	6.3E+00	EPA Regional Screening Level, Residential Soil
Thallium Chloride	7791-12-0	6.3E+00	EPA Regional Screening Level, Residential Soil
Thallium Sulfate	7446-18-6	6.3E+00	EPA Regional Screening Level, Residential Soil
Thiobencarb	28249-77-6	6.1E+02	EPA Regional Screening Level, Residential Soil
Thiofanox	39196-18-4	1.8E+01	EPA Regional Screening Level, Residential Soil
Thiophanate, Methyl	23564-05-8	4.9E+03	EPA Regional Screening Level, Residential Soil
Thiram	137-26-8	3.1E+02	EPA Regional Screening Level, Residential Soil
Tin	7440-31-5	4.7E+04	EPA Regional Screening Level, Residential Soil
Toluene	108-88-3	1.2E+01	Soil Screening Level, DAF 20
Toluene diisocyanate mixture (TDI)	26471-62-5	5.4E+01	EPA Regional Screening Level, Residential Soil
Toluene-2,4-diamine	95-80-7	1.3E-01	EPA Regional Screening Level, Residential Soil
Toluene-2,5-diamine	95-70-5	3.7E+04	EPA Regional Screening Level, Residential Soil
Toluene-2,6-diamine	823-40-5	1.8E+03	EPA Regional Screening Level, Residential Soil
Toluidine, o- (Methylaniline, 2-)	95-53-4	2.7E+00	EPA Regional Screening Level, Residential Soil
Toluidine, p-	106-49-0	2.6E+00	EPA Regional Screening Level, Residential Soil
Total Petroleum Hydrocarbons		1.0E+02	NDEP derived concentration

NDEP Draft Guidelines for Discovery Events (Soil RCs)

Appendix A2--Full list of Reportable Concentrations in soil

Version: 01/28/2009

Analyte	CAS No.	Reportable Concentration (mg/kg)	Source
Toxaphene	8001-35-2	4.4E-01	EPA Regional Screening Level, Residential Soil
Tralomethrin	66841-25-6	4.6E+02	EPA Regional Screening Level, Residential Soil
Triallate	2303-17-5	7.9E+02	EPA Regional Screening Level, Residential Soil
Triasulfuron	82097-50-5	6.1E+02	EPA Regional Screening Level, Residential Soil
Tribromobenzene, 1,2,4-	615-54-3	3.1E+02	EPA Regional Screening Level, Residential Soil
Tributyl Phosphate	126-73-8	5.3E+01	EPA Regional Screening Level, Residential Soil
Tributyltin Compounds	NA	1.8E+01	EPA Regional Screening Level, Residential Soil
Tributyltin Oxide	56-35-9	1.8E+01	EPA Regional Screening Level, Residential Soil
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	4.3E+04	EPA Regional Screening Level, Residential Soil
Trichloroaniline HCl, 2,4,6-	33663-50-2	1.7E+01	EPA Regional Screening Level, Residential Soil
Trichloroaniline, 2,4,6-	634-93-5	1.4E+01	EPA Regional Screening Level, Residential Soil
Trichlorobenzene, 1,2,4-	120-82-1	5.0E+00	Soil Screening Level, DAF 20
Trichloroethane, 1,1,1-	71-55-6	2.0E+00	Soil Screening Level, DAF 20
Trichloroethane, 1,1,2-	79-00-5	2.0E-02	Soil Screening Level, DAF 20
Trichloroethylene (TCE)	79-01-6	6.0E-02	Soil Screening Level, DAF 20
Trichlorofluoromethane	75-69-4	8.0E+02	EPA Regional Screening Level, Residential Soil
Trichlorophenol, 2,4,5-	95-95-4	2.7E+02	Soil Screening Level, DAF 20
Trichlorophenol, 2,4,6-	88-06-2	2.0E-01	Soil Screening Level, DAF 20
Trichlorophenoxy) Propionic Acid, 2(2,4,5-	93-72-1	4.9E+02	EPA Regional Screening Level, Residential Soil
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.1E+02	EPA Regional Screening Level, Residential Soil
Trichloropropane, 1,1,2-	598-77-6	3.9E+02	EPA Regional Screening Level, Residential Soil
Trichloropropane, 1,2,3-	96-18-4	9.1E-02	EPA Regional Screening Level, Residential Soil
Trichloropropene, 1,2,3-	96-19-5	2.7E+00	EPA Regional Screening Level, Residential Soil
Tridiphane	58138-08-2	1.8E+02	EPA Regional Screening Level, Residential Soil
Triethylamine	121-44-8	1.7E+02	EPA Regional Screening Level, Residential Soil
Trifluralin	1582-09-8	6.3E+01	EPA Regional Screening Level, Residential Soil
Trimethyl Phosphate	512-56-1	1.3E+01	EPA Regional Screening Level, Residential Soil
Trimethylbenzene, 1,2,4-	95-63-6	6.7E+01	EPA Regional Screening Level, Residential Soil
Trimethylbenzene, 1,3,5-	108-67-8	4.7E+01	EPA Regional Screening Level, Residential Soil
Trinitrobenzene, 1,3,5-	99-35-4	2.2E+03	EPA Regional Screening Level, Residential Soil
Trinitrotoluene, 2,4,6-	118-96-7	1.9E+01	EPA Regional Screening Level, Residential Soil
Triphenylphosphine Oxide	791-28-6	1.2E+03	EPA Regional Screening Level, Residential Soil
Tris(2-chloroethyl)phosphate	115-96-8	3.5E+01	EPA Regional Screening Level, Residential Soil
Tris(2-ethylhexyl)phosphate	78-42-2	1.5E+02	EPA Regional Screening Level, Residential Soil
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	7.8E+00	EPA Regional Screening Level, Residential Soil
Tri-n-butyltin	688-73-3	1.8E+01	EPA Regional Screening Level, Residential Soil
Uranium (Soluble Salts)	NA	2.3E+02	EPA Regional Screening Level, Residential Soil
Vanadium Pentoxide	1314-62-1	4.0E+02	EPA Regional Screening Level, Residential Soil
Vanadium Sulfate	36907-42-3	1.6E+03	EPA Regional Screening Level, Residential Soil
Vanadium and Compounds	NA	3.9E+02	EPA Regional Screening Level, Residential Soil
Vanadium, Metallic	7440-62-2	5.5E+02	EPA Regional Screening Level, Residential Soil
Vermolate	1929-77-7	6.1E+01	EPA Regional Screening Level, Residential Soil
Vinclozolin	50471-44-8	1.5E+03	EPA Regional Screening Level, Residential Soil
Vinyl Acetate	108-05-4	1.7E+02	Soil Screening Level, DAF 20
Vinyl Bromide	593-60-2	1.1E-01	EPA Regional Screening Level, Residential Soil
Vinyl Chloride	75-01-4	1.0E-02	Soil Screening Level, DAF 20
Warfarin	81-81-2	1.8E+01	EPA Regional Screening Level, Residential Soil
Xylene, Mixture	1330-20-7	2.1E+02	Soil Screening Level, DAF 20
Xylene, P-	106-42-3	2.1E+02	Soil Screening Level, DAF 20
Xylene, m-	108-38-3	2.1E+02	Soil Screening Level, DAF 20
Xylene, o-	95-47-6	2.1E+02	Soil Screening Level, DAF 20
Zinc (Metallic)	7440-66-6	1.2E+04	Soil Screening Level, DAF 20
Zinc Phosphide	1314-84-7	2.3E+01	EPA Regional Screening Level, Residential Soil
Zineb	12122-67-7	3.1E+03	EPA Regional Screening Level, Residential Soil

NDEP Draft Guidelines for Discovery Events (Ground Water RCs)		
Appendix B--Reportable Concentrations in Groundwater*		Version: 1/28/2009
Analyte	CAS No.	Reportable Concentrations ** (ug/L)
Alachlor	15972-60-8	2.00E+00
Antimony (metallic) ***	7440-36-0	6.00E+00
Arsenic, Inorganic ***	7440-38-2	1.00E+01
Atrazine	1912-24-9	3.00E+00
Barium ***	7440-39-3	2.00E+03
Benzene	71-43-2	5.00E+00
Benzo[a]pyrene	50-32-8	2.00E-01
Beryllium and compounds ***	7440-41-7	4.00E+00
Bis(2-ethylhexyl)phthalate	117-81-7	6.00E+00
Bromate ***	15541-45-4	1.00E+01
Cadmium (Water) ***	7440-43-9	5.00E+00
Carbofuran	1563-66-2	4.00E+01
Carbon Tetrachloride	56-23-5	5.00E+00
Chlordane	12789-03-6	2.00E+00
Chlorobenzene	108-90-7	1.00E+02
Copper ***	7440-50-8	1.30E+03
Cyanide (CN-)	57-12-5	2.00E+02
Dalapon	75-99-0	2.00E+02
Di(2-ethylhexyl)adipate	103-23-1	4.00E+02
Dibromo-3-chloropropane, 1,2-	96-12-8	2.00E-01
Dibromoethane, 1,2- (EDB)	106-93-4	5.00E-02
Dichlorobenzene, 1,2-	95-50-1	6.00E+02
Dichlorobenzene, 1,4-	106-46-7	7.50E+01
Dichloroethane, 1,2- (EDC)	107-06-2	5.00E+00
Dichloroethylene, 1,1-	75-35-4	7.00E+00
Dichloroethylene, 1,2-cis-	156-59-2	7.00E+01
Dichloroethylene, 1,2-trans-	156-60-5	1.00E+02
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	7.00E+01
Dichloroproppane, 1,2-	78-87-5	5.00E+00
Dinoseb	88-85-7	7.00E+00
Diquat	85-00-7	2.00E+01
Endothall	145-73-3	1.00E+02
Endrin	72-20-8	2.00E+00
Ethylbenzene	100-41-4	7.00E+02
Fluorine (Soluble Fluoride) ***	7782-41-4	4.00E+03
Glyphosate	1071-83-6	7.00E+02
Heptachlor	76-44-8	4.00E-01
Heptachlor Epoxide	1024-57-3	2.00E-01
Hexachlorobenzene	118-74-1	1.00E+00
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	2.00E-01
Hexachlorocyclopentadiene	77-47-4	5.00E+01
Lead and Compounds ***	7439-92-1	1.50E+01
Methoxychlor	72-43-5	4.00E+01
Methylene Chloride	75-09-2	5.00E+00
Methyl tert-Butyl Ether (MTBE)	1634-04-4	2.00E+01
Mercury (elemental) ***	7439-97-6	2.00E+00
Nitrate ***	14797-55-8	1.00E+04
Nitrite ***	14797-65-0	1.00E+03
Oxamyl	23135-22-0	2.00E+02
Pentachlorophenol	87-86-5	1.00E+00
Picloram	1918-02-1	5.00E+02
Polychlorinated Biphenyls	1336-36-3	5.00E-01

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Appendix B—Reportable Concentrations in Groundwater*		Version: 1/28/2009
Analyte	CAS No.	Reportable Concentrations ** (ug/L)
Selenium ***	7782-49-2	5.00E+01
Simazine	122-34-9	4.00E+00
Styrene	100-42-5	1.00E+02
TCDD, 2,3,7,8-	1746-01-6	3.00E-05
Tetrachloroethylene (PCE)	127-18-4	5.00E+00
Thallium (Soluble Salts) ***	7440-28-0	2.00E+00
Toluene	108-88-3	1.00E+03
Toxaphene	8001-35-2	3.00E+00
Trichlorobenzene, 1,2,4-	120-82-1	7.00E+01
Trichloroethane, 1,1,1-	71-55-6	2.00E+02
Trichloroethane, 1,1,2-	79-00-5	5.00E+00
Trichloroethylene (TCE)	79-01-6	5.00E+00
Trichlorophenoxy Propionic Acid, 2(2,4,5-	93-72-1	5.00E+01
Vinyl Chloride	75-01-4	2.00E+00
Xylene, Mixture	1330-20-7	1.00E+04

Footnotes:

*—This table is only applicable to the discovery of contaminants in groundwater. Any observed release to surface water is reportable at the time of observation. If a release to surface water is not observed but is discovered through visual indications or sampling, the release is reportable based on the presence of a visible sheen or concentrations above surface water standards established in NAC 445A.11704 to 445A.225.

**—The reportable concentrations in this table are all based on federal Maximum Contaminant Levels (MCL) with the exception of MTBE, which has an NDEP-derived level. However, reporting requirements for groundwater are not limited to constituents with a promulgated MCL. In determining whether the discovery in groundwater of a pollutant or contaminant without an MCL is reportable, a facility owner may rely on background concentrations, secondary standards, or EPA tap water Regional Screening Levels.

***—Background concentrations are not reportable regardless of whether they are above reportable concentrations.